



EDWIN W. EDWARDS
GOVERNOR

DEPARTMENT OF NATURAL RESOURCES

B. JIM PORTER
SECRETARY

Coastal Management Division

March 4, 1988

Linder Oil Company, A Partnership
c/o Morris P. Hebert, Inc.
Attn: Mr. Jesse B. Newton
P. O. Box 3106
Houma, LA 70361

RE: P880200, Coastal Use Permit Application
C880087, Coastal Zone Consistency
Proposed drilling rig, Sec. 20, T15S-R5W,
M. O. Miller Well #2,
Cameron Parish, LA

Dear Mr. Newton:

A review has been completed of the above referenced application. In accordance with Rules and Procedures for Coastal Use Permits, Part IC the proposed activity is exempt and a coastal use permit is not required.

Sincerely,

A handwritten signature in dark ink, appearing to read "C. G. Groat".

C. G. Groat
Assistant to the Secretary

CGG/RH/se

cc: Mr. Ron Ventola
U.S. Army Corps of Engineers
Mr. Fred Dunham, LDWF, w/attachments
Mr. Chris Piehler, CMD/FI, w/attachments
Ms. Linda Betz, OC/DNR, w/attachments



EDWIN W. EDWARDS
GOVERNOR
B. JIM PORTER
SECRETARY

DEPARTMENT OF NATURAL RESOURCES

OFFICE OF CONSERVATION

March 17, 1988 .

HERBERT W. THOMPSON
ASSISTANT SECRETARY
AND
COMMISSIONER


Linder Oil Co A Partnership
Attn: John Harvill
1800 Carol Sue Avenue, Gretna, La. 70056
Gentlemen:

We have processed and forwarded to Baton Rouge for final approval your application to drill the: Estate of M O Miller MD #2, Crab Lake field, Cameron parish.

Statewide Order No. 29-B issued by the Commissioner of Conservation on July 19, 1943 required:

1. No well shall be drilled, nor shall the drilling of a well be commenced, before a permit for such well has been issued by the Office of Conservation.
2. A progress report shall be filed, either written or by telephone, with the district office by TUESDAY of each week. Include rig name & number and rig telephone number on initial report.
3. No well shall commence drilling below surface casing until a sign has been posted on the derrick and subsequently on the well.
4. The completion report must be filed within three (3) days after date of completion. The electrical logs (Composite 1"=100') must be filed in duplicate ten days after the completion of the well. The well history (WH-1) must be filed in triplicate twenty days after the completion of the well on forms provided by this department.
5. IN THE EVENT YOU USE A CONSULTANT OR A DRILLING CONTRACTOR ON A TURNKEY BASIS, PLEASE SEE THAT HE IS FURNISHED A COPY OF THESE INSTRUCTIONS.
6. Contact Joe Durham, Oil & Gas Inspector for the Office of Conservation at telephone 318-824-3837, or at P. O. Box 112 Jennings, La. 70546 for further information.

Yours very truly,


Gerard E. LeBlanc, Manager
Lafayette District

GEL: jec: jcl

PERMIT TO DRILL FOR MINERALS

PERMIT \$200.00

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Multiple Zone Processing

Send To LAFAYETTE/23 Date March 18, 1988
Serial No. Ser#208011 API #1702322397
Parish Cameron 012 Field Crab Lake 3000

Operator LINDER OIL CO. A PARTNERSHIP 3466
Address 1800 Carol Sue Ave.
City & State Gretna, LA 70056
Well Name Estate of M O Miller MD No. 2
Location Sec 20, T15S, R5W
Fr SE/C of Sec 20, go N 88°45'02" W 1230.99' th N 1°14'58" E 291.92'.
PBHL: S 37°07'33" W 1111.80' fr surf loc & being in Sec 29.

PTD 13,000'

Zone or Reservoir of Proposed Completion Any
Applicable Office of Conservation Order 29B-1, 29E, 865 Series

COMMISSIONER

ISSUING AUTHORITY

195859



State of Louisiana

DEPARTMENT OF NATURAL RESOURCES

BUDDY ROEMER
GOVERNOR

RAYMOND W. STEPHENS, JR
SECRETARY

MARCH 18, 1988

LINDER OIL CO. A PARTNERSHIP
1800 CAROL SUE AVE.
GRETNA, LA 70056

RE: CAMERON PARISH
CRAB LAKE FIELD
ESTATE OF M O MILLER MD NO. 2
SER NO. 208011

GENTLEMEN:

WE ARE ISSUING PERMIT TO DRILL FOR THE ABOVE REFERENCED WELL WITH THE UNDERSTANDING THAT YOU WILL FURNISH THE APPROPRIATE DISTRICT MANAGER WITH A DIRECTIONAL SURVEY AS PROOF THAT THE WELL HAS BEEN DRILLED IN COMPLIANCE WITH THE PROVISIONS OF STATEWIDE ORDER NO. 29-B, SECTION XVIII, PARAGRAPH 3, DATED MARCH 1, 1967.

IN ADDITION, COMPLETION OF SAID WELL CANNOT BE IN ANY POOL IN WHICH THE LOCATION DOES NOT CONFORM WITH THE PROVISIONS OF STATEWIDE ORDER NO. 29-E.

IN ADDITION, THE PERMIT TO DRILL IS BEING ISSUED WITH THE UNDERSTANDING THERE WILL BE NO COMPLETION IN ANY RESERVOIR WHICH IS NOT IN COMPLIANCE WITH THE PROVISIONS OF THE LOUISIANA OFFICE OF CONSERVATION ORDERS OF THE 865 SERIES, FOR THE ABOVE CAPTIONED FIELD AND PARISH.

VERY TRULY YOURS,

J. PATRICK BATCHELOR, COMMISSIONER
OFFICE OF CONSERVATION

BY 

WILLIAM J. CLARK
PETROLEUM ENGINEER SUPERVISOR 1

WJC:SM

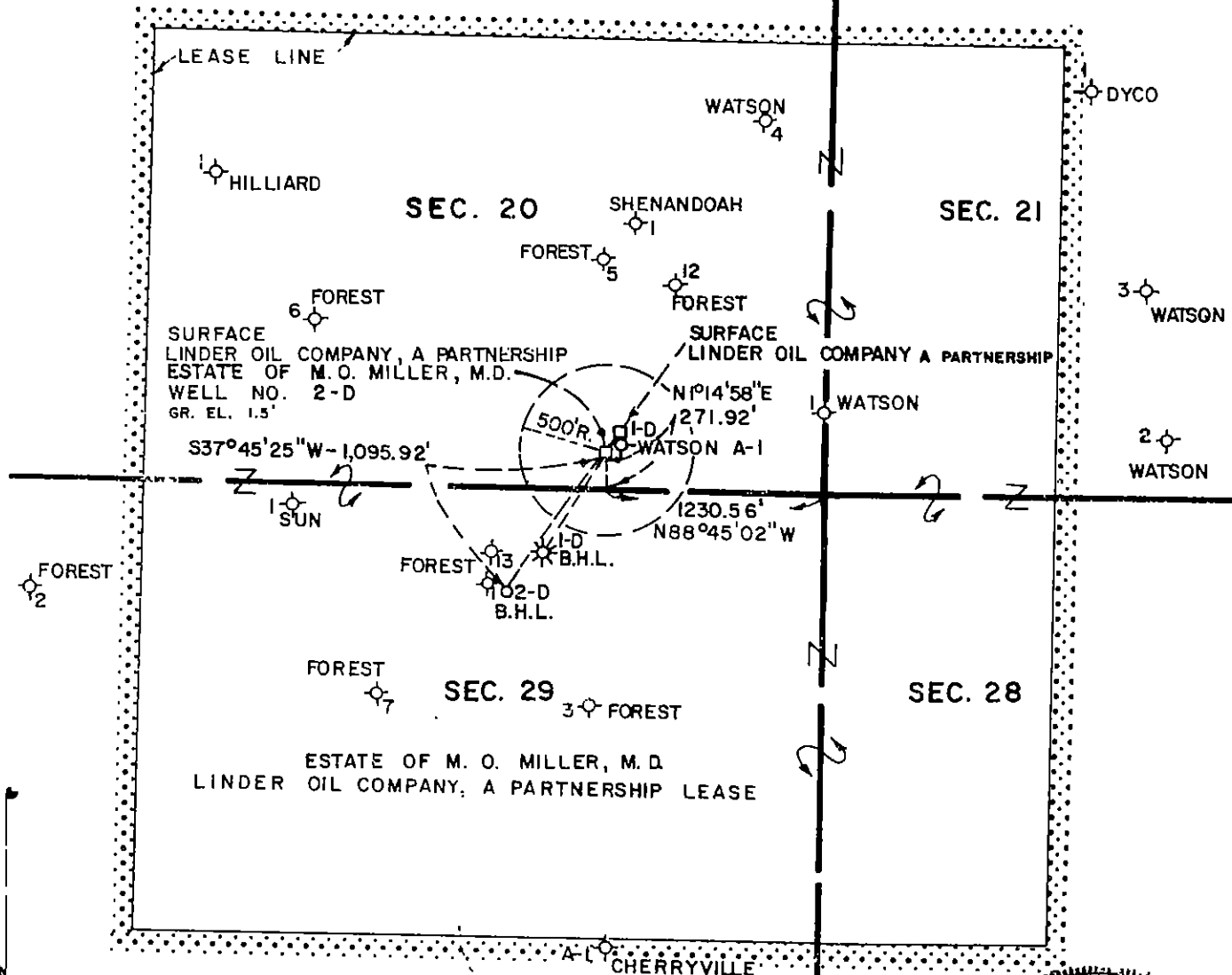
CC: GERARD LEBLANC
LAFAYETTE, (ACTING) DIST. MGR.

OFFICE OF CONSERVATION P.O.BOX 94275 BATON ROUGE, LOUISIANA 70804-9275

AN EQUAL OPPORTUNITY EMPLOYER

NOTE THIS LOCATION IS NOT WITHIN 500 FT OF AN OUTSIDE OWNED RESIDENCE OR COMMERCIAL STRUCTURE "

T15S-R5W



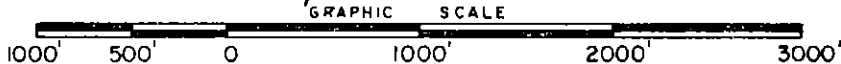
SURFACE LINDER OIL COMPANY, A PARTNERSHIP ESTATE OF M. O. MILLER, M.D. WELL NO. 2-D GR. EL. 1.5'

SURFACE LINDER OIL COMPANY A PARTNERSHIP

ESTATE OF M. O. MILLER, M.D. LINDER OIL COMPANY, A PARTNERSHIP LEASE



APPROVED *Jesse B. Newton, Jr.*
 JESSE B. NEWTON, JR LA REG NO 4458



LINDER OIL COMPANY, A PARTNERSHIP

ESTATE OF M. O. MILLER, M. D. WELL NO.2-D SURFACE
 LOCATED N88°45'02"W-1230.56' THENCE N1°14'58"E-271.92' FROM THE SOUTH-
 EAST CORNER OF SEC. 20, T15S-R5W, BOTTOM HOLE LOCATED S37°45'25"W-1095.92'
 FROM SURFACE AND BEING SEC. 29, T15S-R5W, CAMERON PARISH, LOUISIANA

DRAWN BY J B N.	MORRIS P. HEBERT, INC. REGISTERED LAND SURVEYORS HOUMA, LOUISIANA	DRAWING NO
CHECKED BY: M P H		FILE NO
SCALE 1" = 1000'		A -
DATE 6/16/88		

111846A

7-6-88

LU00071



LINDER OIL COMPANY-A PARTNERSHIP
JOINT INTEREST ACCOUNT
1800 CAROL SUE AVE. SUITE 6 A PH. 392-2004
GRETNNA, LA 70058

NO 1558

84-342
654

June 20, 1988

PAY TO THE ORDER OF STATE OF LOUISIANA OFFICE OF CONSERVATION

THE SUM OF ONE HUNDRED FIFTY DOLLARS \$ 150.00

⑈00001558⑈ ⑆065403422⑆ 563 4 6448⑈

Roger D. Grada

THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED.
DETACH AND RETAIN THIS STATEMENT
LINDER OIL COMPANY-A PARTNERSHIP
JOINT INTEREST ACCOUNT

DATE	ACCOUNT	DESCRIPTION	AMOUNT
6/20/88	15302	Amend Location- M.O. Miller #2	\$150.00

PERMIT SECTION

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

29-E COMPLIANCE	YES	NO
29-E UNIT ATTACHED	YES	NO
O.C. USE ONLY		

DISTRICT Lafayette

CODE NUMBERS:	DATE <u>6/21/88</u>	<input type="checkbox"/> 1	1 - ON-SHORE	
<u>012</u>	PARISH <u>Cameron</u>	<input type="checkbox"/> 3	3 - OFF-SHORE	
<u>3000</u>	FIELD <u>Crab Lake</u>	SEC. <u>20</u>	T <u>15S</u>	R <u>5W</u>
<u>3466</u>	OPERATOR <u>Linder Oil Co., A Partnership</u>	OC ORDER NO/ <u>29E</u>		
<u>208011</u>	WELL NAME <u>Estate of M.O. Miller, M.D.</u>	NO. <u>2</u>	SERIAL NO. <u>208011</u>	
	RESERVOIR <u>CP1 Sand</u>	<u>6/20/88</u>	<u>7:00</u>	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM
	<u>Spud: 4-2-88</u>	COMPLETION DATE		

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES NO

REMARKS: No need to file.

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
<input type="checkbox"/> 1 - ORIG. COMP. <input type="checkbox"/> 2 - RE-COMP.	<input type="checkbox"/> 1 - OIL <input type="checkbox"/> 2 - GAS <input type="checkbox"/> 3 - DRY GAS	<input type="checkbox"/> 1 - YES <input type="checkbox"/> 2 - NO	<input type="checkbox"/> F - FLOWING <input type="checkbox"/> G L - GAS LIFT <input type="checkbox"/> P - PUMPING	<input type="checkbox"/> 1 <input type="checkbox"/> 0 SEE REVERSE SIDE FOR CODE
* IF THIS IS A RE COMPLETION SPECIFY: SAME RESERVOIR <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/>				
<u>11.3</u> BOPD INITIAL PROD.	<u>3078</u> MCF/DAY GAS VOLUME	<u>4059</u> PSIG FLOWING TUBING PRESSURE	<u>4687</u> PSIG SHUT-IN TUBING PRESSURE	<u>0</u> PSIG CASING PRESSURE
<u>12</u> /64" <input type="checkbox"/> 2 CHOKE SIZE	<u>0</u> BPD WATER PROD.	<u>--</u> % BS & W	<u>272389</u> CF/BBL GOR	<u>49.8</u> API AT 60°F GRAVITY
PERFORATIONS <u>12,620'-624', 12,638'-648', 12,652'-664'</u>				TOTAL DEPTH <u>13,062'</u>

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR 202 BBLs. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

INSTRUCTIONS

(THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).)

Michael L. Dugg
SIGNATURE
Linder Oil Co., A Partnership
OPERATOR
Petroleum Engineer
TITLE

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

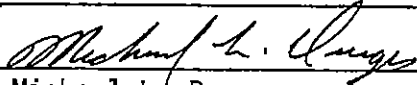
<u>Date of Test</u>	<u>TEST DATA</u> <u>Time of Test</u>	<u>Amount of Oil Produced</u>
<u>6/15/88</u>	<u>2:00 A.M. to 6:00 A.M.</u>	<u>142</u> Barrels
<u>6/19/88</u>	<u>8:00 A.M. to 11:00 A.M.</u>	<u>60</u> Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
TOTAL _____		202 BARRELS

The above total barrels of oil were produced from 11,752 Ft. to 11,760 Ft.

Remarks: (60 BBLS) 12,620'-24', 12,638'-648' & 12,652'-664'

Verbal approval grant by Mr. Jay Caldwell

Linder Oil Co., A Partnership
OPERATOR


Michael L. Dugas
(Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

- 10 Active
- 33 Inactive-Future Utility (does not include waiting on pipeline or market) —
- 36 Inactive waiting on pipeline
- 37 Inactive waiting on market



OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD
Crab Lake

SERIAL NO
208011

PRODUCING INTERVAL
12,620'-624', 12,638'-648' & 12,652'-664'

RESERVOIR (COMPANY SAND IDENTIFICATION)
GP1 Sand

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

NEW WELL
 RECOMPLETION
 P B A

31 INACTIVE DRY HOLE FUT. UTIL.
 32 INACTIVE DRY HOLE NO FUT. UTIL.
 36 INACTIVE WAITING ON PIPELINE
 37 INACTIVE WAITING ON MARKET

PRODUCT
 OIL
 GAS
 OTHER

IF RECOMPLETION
 SAME RESERVOIR
 DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P B A M D Y
6/20/88

OPERATOR
Linder Oil Co., A Partnership

CODE
3466

ADDRESS
1800 Carol Sue Ave. Gretna, LA 70056

WELL NAME
Estate of M.O. Miller, M.D.

WELL NO
2

PARISH
Cameron

SEC **20** TWP. **15S** RGE. **5W**

DATE PERMIT ISSUED
3/18/88

DATE SPUNDED M D Y
4/2/88

DATE READY TO PRODUCE*
--

TOTAL DEPTH
13,062'

PBTD
12,914'

GROUND ELEVATION
+1.5'

CASING HEAD FLANGE ELEVATION
+2.5'

DISTANCE FROM RKB TO CHF
23.0'

DATE WELL TURNED INTO TANKS
--

SINGLE, DUAL OR TRIPLE COMPLETION?
Dual

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?
Yes

WAS DIRECTIONAL SURVEY MADE?
Yes

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?
Yes

DATE FILED
W/Report

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)
Tight Hole

DATE FILED
W/Report

CASING, LINER AND TUBING RECORD

C	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET		SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
				FROM	TO					
101	16"	Drive Pipe		181	0	--	--	--	--	--
102	10 3/4"	14 3/4	40.5/45.5	3530	0	1570	1500	0.5	4/5/88	--
103	7"	9 7/8	26/29	13028	0	2500	2500	0.5	6/12/88	Paul Bittle
104										
105										

TUBING SIZE: **2 3/8"** DEPTH OF TUBING: **12,460** DEPTH OF PACKER(S): **12,450' & 11,703'**

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION
11.3

GAS VOLUME BOPD
3,078

GOR MCF/DAY
272389

CHOKE SIZE CF/BBL
12 /64"

PRODUCING METHOD
Flow

FLOWING TUBING PRESSURE
4059

SHUT-IN TUBING PRESSURE
4687

CASING PRESSURE
0

WATER PRODUCTION BPD
0

BS&W
-- %

GRAVITY
49.8

BHP (SHUT-IN) *At 160° F
5877 (EST)

COMPANY REPRESENTATIVE
Paul Bittle

DATE GAUGED
6/19/88

PLUG AND ABANDON (P B A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS				DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
		FROM	TO	SACKS	HOW PLACED		

CERTIFICATE: I, the undersigned, state that I am employed by Prod. Sys. & Ser. Inc. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature Michael L. Dugas **Michael L. Dugas** Title Petroleum Engineer

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
	6/19/88	Schlumberger	Perforate for production from 12,620'-624', 12,638'-648' & 12,652'-664'.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH
	<p>RECEIVED JUN 20 1988 DEPT. OF CONSERVATION WELL FILES NATON H. UCC, LA.</p>		

DEPT. OF CONSERVATION
 NATON H. UCC, LA.

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Inter Office

Date: June 23, 1988

To: Mr. W. J. Clark
From: Mr. Gerard E LeBlanc, Manager
Attn: Mr. W. J. Clark

Enclosed herewith please find application from Linder Oil Co A Partnership
for permit to amend location
their Estate of M O Miller MD #2, Crab Lake Field
Cameron Parish, Louisiana. Zone

Also enclosed please find:

Check No. 1558 in the amount of \$ 150.00

Well location plat
 Well location certification

*865 Series ✓
29B/1
29E*

Form A.D.C.
 Electric Log
 Schematic diagram
 (Dual) structure map if well does not comply with existing Orders
 (Selective-Onshore) structure map showing reservoir limits
 (Selective-Offshore) letter(s) of no objection from offset operators

Applicable Department of Conservation Order No. 29B, 29E, 865 Series

Pending Hearing, Docket No.

Remarks & Recommendations: --Directional survey required. --The Serial #208011.
The effective date of this change is June 20, 1988. The
product of this well is OIL.

GEL:jec:jcl

Encls.

By Gerard E LeBlanc
District Manager

cc: Geological Oil & Gas Division,
Prod. Audit (for Amended Permits only)

LT-1



State of Louisiana

DEPARTMENT OF NATURAL RESOURCES

OFFICE OF CONSERVATION

P. O. BOX 51285

LAFAYETTE, LA. 70505

RAYMOND W. STEPHENS, JR.
SECRETARY

BUDDY ROEMER
GOVERNOR

June 23, 1988

LINDER OIL COMPANY A PARTNERSHIP
Attn: Mike Dugas
1800 Carol Sue Ave., Ste. 6-A
Gretna, LA 70053

GENTLEMEN:

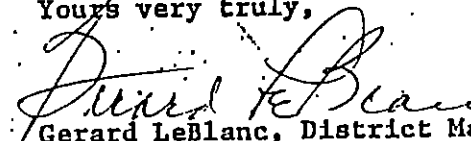
We have processed and forwarded to Baton Rouge for final approval your application to drill the: Estate of M O Miller MD #1-D, CRAB LAKE Field, Cameron Parish.

Statewide Order No. 29-B issued by the Commissioner of Conservation of July 19, 1943 required:

1. No well shall be drilled, nor shall the drilling of a well be commenced, before a permit for such well has been issued by the Office of Conservation.
2. A progress report shall be filed, either written or by telephone, with the district office by TUESDAY of each week. INCLUDE RIG NAME & NUMBER AND RIG TELEPHONE NUMBER ON INITIAL REPORT!
3. No well shall commence drilling below surface casing until a sign has been posted on the derrick and subsequently on the well.
4. The completion report must be filed within three (3) days after date of completion. The electric logs (Composite 1" = 100') must be filed in duplicate ten (10) days after the completion of the well. The well history (WH-1) must be filed in triplicate twenty (20) days after the completion of the well on forms provided by this department.
5. IN THE EVENT YOU USE A CONSULTANT OR A DRILLING CONTRACTOR ON A TURNKEY BASIS, PLEASE SEE THAT HE IS FURNISHED A COPY OF THESE INSTRUCTIONS!

6. Contact Walter Doherty, Conservation Enforcement Agent for the Office of Conservation at telephone (318) 527-7289 or at Rt. 5, Box 3650 Sulphur, LA 70663 for further information.

Yours very truly,


Gerard LeBlanc, District Manager
Lafayette District

GEL:jcl

cc:

LAFAYETTE DISTRICT OFFICE 106 CALCO BOULEVARD LAFAYETTE, LOUISIANA 70503
AN EQUAL OPPORTUNITY EMPLOYER

~~4880~~
Change
8806 Effective
vymm

208011 Serial No. L Date July 6, 1988
CURRENT CODES 012 PARISH Cameron
3000 FIELD Crab Lake
3466 OPERATOR Linder Oil Co. A Partnership
ADDRESS 1800 Carol Sue Ave.
CITY & STATE Gretna, LA 70056

FORMER CODES

AMENDMENT ACTION

- 0.0.9. PARISH
- 0.3.4. FIELD
- 0.3.5. OPERATOR
- 0.1.6. LSE-UN
- 0.1.6. UN-LSE
- 0.1.6. LSE-LSE
- 0.1.6. UN-UN
- 0.1.4. WELL NO.
- ~~0.2.2. LOCATION~~

445373 WELL NAME Estate of M O Miller MD No. 2
LOCATION OF WELL: Sec. 20 T. 158R 5W Former Well No. _____
LOCATION CHANGE: Located N88°45'02"W 1230.56' thence N1°14'58"E 271.92' FSE/C
of Sec. 20. BBL S37°45'25"W 1095.92' fr surf 7 being in Sec. 29.

api#1702322397
Applicable Department of Conservation Order 29B, 29E, 865 Series

[Signature]
Commissioner de *[Signature]* Issuing Authority

No. 111846 A

WELL FILE COPY



State of Louisiana

DEPARTMENT OF NATURAL RESOURCES

BUDDY ROEMER
GOVERNOR

July 6, 1988

RAYMOND W. STEPHENS, JR
SECRETARY

RE: Cameron Parish
Crab Lake Field
Estate of M O Miller MD #2
Ser. No. 208011

Linder Oil Co. A Partnership
1800 Carol Sue Ave.
Gretna, LA 70056

Gentlemen:

We are issuing Amended Permit to Drill for the above referenced well with the understanding that you will furnish the appropriate District Manager with a Directional Survey as proof that the well has been drilled in compliance with the provisions of Statewide Order No. 29-B, Section XVIII, Paragraph 3, dated March 1, 1967.

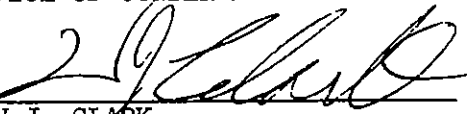
We are issuing Amended Permit to Drill for the above referenced well with the understanding that completion cannot be in any pool in which the location does not conform with the provisions of Statewide Order No. 29-E.

No allowable will be assigned this well unless in compliance with the above provisions.

The above application for Amended Permit to Drill is approved with the understanding that there will be no completion in any reservoir which is not in compliance with the provisions of the Louisiana Office of Conservation Orders of the 865 Series, for the above captioned field and parish.

Very truly yours,

J. PATRICK BATCHELOR, COMMISSIONER
OFFICE OF CONSERVATION

BY 
W.J. CLARK
Petr. Engineer Supervisor I

WJC:de

cc: Mr. Gerard LeBlanc
Lafayette Acting District Manager
29B-1, 29E, Special Order

OFFICE OF CONSERVATION P.O. BOX 94275 BAT

LOUISIANA 70804-9275

AN EQUAL OPPORTUNITY .



State of Louisiana

DEPARTMENT OF NATURAL RESOURCES

BUDDY ROEMER
GOVERNOR

RAYMOND W. STEPHENS, JR.
SECRETARY

September 28, 1988

Linder Oil Company
P. O. Box 397
Schriever, LA 70395

Attention James Chafin

Re: Annular Disposal
Application No. 006461
Estate of M O Miller MD No. 2
SN 208011
Crab Lake Field
Cameron Parish

Gentlemen:

This Office has reviewed the Radioactive Tracer Survey run on the above-referenced well.

We find the survey demonstrates well integrity and hereby give temporary approval for annular injection. Only water produced from the above-referenced well, the Estate of M O Miller MD No. 2-D (SN 208599), and the Estate of M O Miller MD No. 1 & No. 1-D (SN 207080 & SN 208598) may be injected into the annulus of the subject well. No injection of water produced elsewhere is allowed. The Office of Conservation must be contacted 30 days in advance of the expiration date, which is one year (September 28, 1989) from the date of this letter, to obtain approval for continued disposal.

Attached, for your information, are reporting requirements relating to injection in the above-referenced well.

Yours very truly,

J. PATRICK BATCHELOR, Commissioner
Office of Conservation

James H. Welsh, Director
Injection & Mining Division

LCB:lg

cc: Lafayette District Office

ANNULAR DISPOSAL REPORTING REQUIREMENTS

A reasonable estimate of the amount of salt water injected annually into the disposal well must be reported to the Injection and Mining Division at the address below and a copy sent to the appropriate Conservation District Office. This report is to be filed on Form UIC-10 during the first quarter of the next calendar year.

Office of Conservation
Injection & Mining Division
P.O. Box 94275
Baton Rouge, LA 70804-9275



BUDDY ROEMER
GOVERNOR

RAYMOND W. STEPHENS, JR.
SECRETARY

September 27, 1989

DEPARTMENT OF NATURAL RESOURCES

Linder Oil Co A Partnership
P. O. Box 397
Schriever, LA 70395

Attention James Chafin

Re: WELL ESTATE OF M O MILLER MD
SERIAL 208011 WELL NO 002
FIELD CRAB LAKE
PARISH CAMERON SEC/TWN/RNG 020/15S/05W
APPL NO 007768
FOR Annular Disposal

Gentlemen:

This Office has reviewed the Radioactive Tracer Survey run on the above-referenced well.

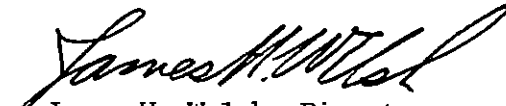
We find the survey demonstrates well integrity and hereby give temporary approval for annular injection. Only water produced from the above-referenced well, the Estate of M O Miller MD No. 2-D (SN 208599), and the Estate of M O Miller MD No. 1 & No. 1-D (SN 207080 & SN 208598) may be injected into the annulus of this well. No injection of water produced elsewhere is allowed. The Office of Conservation must be contacted 30 days in advance of the expiration date, which is one year (September 27, 1990) from the date of this letter, to obtain approval for continued disposal.

The Maximum Authorized Surface Injection Pressure (MASIP) is limited to 685 psi. This pressure must be posted in the field office or be readily available to any field personnel operating this well and must be shown to a Conservation Agent upon inspection if requested.

Attached are the reporting requirements relating to the above well.

Yours very truly,

J. PATRICK BATCHELOR, Commissioner
Office of Conservation


James H. Welsh, Director
Injection & Mining Division

LCB:lg

ANNULAR DISPOSAL REPORTING REQUIREMENTS

A reasonable estimate of the amount of salt water injected annually into the disposal well must be reported to the Injection and Mining Division at the address below and a copy sent to the appropriate Conservation District Office. This report is to be filed on Form UIC-10 during the first quarter of the next calendar year.

Office of Conservation
Injection & Mining Division
P.O. Box 94275
Baton Rouge, LA 70804-9275

29-E COMPLIANCE
 YES NO
 29-E UNIT ATTACHED
 YES NO

 D.O.C. USE ONLY

STATE OF LOUISIANA
 OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT LAFAYETTE

CODE NUMBERS: 012 | DATE 12/12/89 | 1 1 - ON-SHORE
3000 | PARISH CAMERON | 3 3 - OFF-SHORE
3466 | FIELD CRAB LAKE | SEC 20 T 15S R 5W
208011 | OPERATOR LINDER OIL CO., A PARTNERSHIP | DOC ORDER NO. 29E
 WELL NAME ESTATE OF M.O. MILLER, MD NO. 2 SERIAL NO. 208011
 RESERVOIR 12,800' SAND | COMPLETION DATE 12/05/89 TIME 7:00 AM PM

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES NO

REMARKS: NO NEED TO FILE

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
<input type="checkbox"/> 2 1 - ORIG. COMP. 2 - RE-COMP.	<input type="checkbox"/> 2 1 - OIL 2 - GAS 3 - DRY GAS	<input type="checkbox"/> 2 1 - YES 2 - NO	<input type="checkbox"/> F F - FLOWING G L - GAS LIFT P - PUMPING	<input type="checkbox"/> 1 <input type="checkbox"/> 0 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR DIFFERENT RESERVOIR

<u>2</u> BOPD INITIAL PROD.	<u>650</u> MCF/DAY GAS VOLUME	<u>3750</u> PSIG FLOWING TUBING PRESSURE	<u>--</u> PSIG SHUT-IN TUBING PRESSURE	<u>0</u> PSIG CASING PRESSURE
<u>6</u> / 64" <input type="checkbox"/> 2 1 POSITIVE 2 ADJUST CHOKE SIZE	<u>0</u> BPD WATER PROD	<u>--</u> % BS & W	<u>325,000</u> CF/BBL GOR	<u>--</u> API AT 60°F GRAVITY

PERFORATIONS 12,846' to 12,850' TOTAL DEPTH 13,062'

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLs. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Michael L. Dwyer
 SIGNATURE
LINDER OIL CO., A PARTNERSHIP
 OPERATOR
PETROLEUM ENGINEER
 TITLE

INSTRUCTIONS

(THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITH- IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).)



OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD
Crab Lake

SERIAL NO
208011

PRODUCING INTERVAL
12,846' to 12,850'

RESERVOIR (COMPANY SAND IDENTIFICATION)
12,800' SAND

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

NEW WELL

RECOMPLETION

P & A

31 INACTIVE DRY HOLE FUT UTIL

32 INACTIVE DRY HOLE NO FUT. UTIL

36 INACTIVE WAITING ON PIPELINE

37 INACTIVE WAITING ON MARKET

PRODUCT

OIL

GAS

OTHER

IF RECOMPLETION

SAME RESERVOIR

DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A M D Y
12-5-89

OPERATOR
LINDER OIL CO., A PARTNERSHIP

CODE
3466

ADDRESS
1800 Carol Sue Ave. Gretna, LA 70056

WELL NAME
Estate of M.O. Miller, MD

WELL NO
2

PARISH
Cameron

SEC. 20 TWP 15S RGE 5W

DATE PERMIT ISSUED
3/18/88

DATE SPUNDED
04/02/88

DATE READY TO PRODUCE*
--

TOTAL DEPTH
13,062'

POTD
12,895'

GROUND ELEVATION
+1.5'

CASING HEAD FLANGE ELEVATION
+2.5'

DISTANCE FROM RKB TO CHF
23.0'

DATE WELL TURNED INTO TANKS
-

SINGLE, DUAL OR TRIPLE COMPLETION?
Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?
Yes

WAS DIRECTIONAL SURVEY MADE?
Yes

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?
Yes

DATE FILED
--

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)
Same

DATE FILED
--

CASING, LINER AND TUBING RECORD

C	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET		SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
				FROM	TO					
101	Same as before									
102										
103										
104										
105										

TUBING SIZE 2 3/8" DEPTH OF TUBING 11858' DEPTH OF PACKER(S) 12163', 12600' & 11850'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION
2

GAS VOLUME
650 BOPD

GOR
325,000 MCF/DAY

CHOKE SIZE
6 /64"

PRODUCING METHOD
Flowing

FLOWING TUBING PRESSURE
3750 psig

SHUT-IN TUBING PRESSURE
- psig

CASING PRESSURE
0

WATER PRODUCTION
0 BPD

BS&W
-- %

GRAVITY
*API 60° F

BHP (SHUT-IN)
5975 (est) psig

COMPANY REPRESENTATIVE
Fred Wisby

DATE GAUGED
12/11/89

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS				DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
		FROM	TO	SACKS	HOW PLACED		

CERTIFICATE: I, the undersigned, state that I am employed by Eagle Cons. Ser. Inc. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: Mahdi L. Dey Title: Petroleum Engineer

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#1457-88	06/19/88	Schlumberger	Perforate for production from 12,620' -12,624', 12,638'-12,648' and 12,652' to 12,664'.
L#1853-89		Schlumberger	Set TTBP at 12,610'. Dump 10' cement on top. Perforate for production from 12,554' to 12,559' and 12,564' to 12,567'.
	12/01/89	Schlumberger	Squeeze off existing perforations. Perforate for production from 12,616' to 12,630' and 12,638' to 12,670'
	12/10/89	Schlumberger	Perforate for production from 12,846' to 12,850'.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED
 DEC 18 1989
 Lafayette District

DEC 18 1989
 Office

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

29-E COMPLIANCE	<u> </u>	<u> </u>
	YES	NO
29-E UNIT ATTACHED	<u> </u>	<u> </u>
	YES	NO
O.C. USE ONLY		

DISTRICT LAFAYETTE

CODE NUMBERS: <u>012</u> <u>3000</u> <u>3466</u> <u>208011</u>	DATE <u>01/22/90</u>	<input type="checkbox"/> 1 - ON SHORE <input checked="" type="checkbox"/> 1 3 - OFF-SHORE SEC. <u>20</u> T <u>15S</u> R <u>5W</u>
PARISH <u>Cameron</u>	FIELD <u>Crab Lake</u>	OC ORDER NO. <u>29E</u>
OPERATOR <u>Linder Oil Company, A Partnership</u>	WELL NAME <u>Estate of M.O. Miller, MD</u> NO. <u>2</u>	SERIAL NO <u>208011</u>
RESERVOIR <u>CD-2 Sand</u>	COMPLETION DATE <u>01/19/90</u> TIME <u>6:00</u>	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM

IMPORTANT: IS A FORM MD-10-R A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES NO

REMARKS: No need to file at this time.

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
<input checked="" type="checkbox"/> 1 - ORIG. COMP. <input type="checkbox"/> 2 - RE-COMP.	<input checked="" type="checkbox"/> 1 - OIL <input type="checkbox"/> 2 - GAS <input type="checkbox"/> 3 - DRY GAS	<input type="checkbox"/> 1 - YES <input checked="" type="checkbox"/> 2 - NO	<input checked="" type="checkbox"/> F - FLOWING <input type="checkbox"/> G L - GAS LIFT <input type="checkbox"/> P - PUMPING	<input type="checkbox"/> 1 <input type="checkbox"/> 0 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR DIFFERENT RESERVOIR

<u>0</u> BOPD INITIAL PROD.	<u>1100</u> MCF/DAY GAS VOLUME	<u>3000</u> PSIG FLOWING TUBING PRESSURE	<u>--</u> PSIG SHUT-IN TUBING PRESSURE	<u>0</u> PSIG CASING PRESSURE
<u>9</u> / 64" <input checked="" type="checkbox"/> 1 POSITIVE ADJUST CHOKE SIZE	<u>0</u> BPD WATER PROD.	<u>--</u> % BS & W	<u>--</u> CF/BBL GOR	<u>--</u> API AT 60°F GRAVITY

PERFORATIONS 12,552' to 12,559' & 12,563' to 12,567' TOTAL DEPTH 13,062'

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR BBLs. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

Linder Oil Company
SIGNATURE
Linder Oil Company, A Partnership
OPERATOR
Petroleum Engineer
TITLE

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

<u>Date of Test</u>	<u>T E S T D A T A</u>		<u>Amount of Oil Produced</u>
	<u>Time of Test</u>		
_____	_____ M. to _____	_____ M.	_____ Barrels
_____	_____ M. to _____	_____ M.	_____ Barrels
_____	_____ M. to _____	_____ M.	_____ Barrels
_____	_____ M. to _____	_____ M.	_____ Barrels
_____	_____ M. to _____	_____ M.	_____ Barrels
	TOTAL _____		_____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

OPERATOR

(Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

- 10 Active
- 33 Inactive-Future Utility (does not include waiting on pipeline or market)
- 36 Inactive waiting on pipeline
- 37 Inactive waiting on market

RECEIVED
JAN 2 1990
Lafayette District



OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD

Crab Lake

SERIAL NO.

208011

PRODUCING INTERVAL

12,552'-59' & 12,563'-67'

RESERVOIR (COMPANY SAND IDENTIFICATION)

CD-2 Sand

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

- NEW WELL
 RECOMPLETION
 P & A

- 31 INACTIVE DRY HOLE FUT. UTIL.
 32 INACTIVE DRY HOLE NO FUT. UTIL.
 36 INACTIVE WAITING ON PIPELINE
 37 INACTIVE WAITING ON MARKET

- PRODUCT
 OIL
 GAS
 OTHER

- IF RECOMPLETION
 SAME RESERVOIR
 DIFFERENT RESERVOIR

DATE COMP. RECOMP. OR P & A
M D Y
01/19/90

OPERATOR: Linder Oil Co., A Partnership
CODE: 3466
ADDRESS: 1800 Carol Sue Ave., Gretna, LA 70056

WELL NAME: Estate of M.O. Miller, MD
WELL NO: 2

PARISH: Cameron
SEC. 20 TWP. 15S RGE. 5W
DATE PERMIT ISSUED: 3/18/88

DATE SPUNDED: 04/02/88
DATE READY TO PRODUCE: --
TOTAL DEPTH: 13,062'
P8TD: 12,606'

GROUND ELEVATION: +1.5'
CASING HEAD FLANGE ELEVATION: +2.5'
DISTANCE FROM RKB TO CHF: 23.0

DATE WELL TURNED INTO TANKS: --
SINGLE, DUAL OR TRIPLE COMPLETION?: Single
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?: Yes
WAS DIRECTIONAL SURVEY MADE?: Yes
WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?: Yes
DATE FILED: --

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): Same
DATE FILED: --

CASING, LINER AND TUBING RECORD

Casing Size	Hole Size	Casing Weight	Depth Set		Sacks Cement	Test Pressure	Hours Under Pressure	Date Tested (MM DD YY)	Name of Test Witness - State if Conservation Agent or Offset Operator
			From	To					
101	Same as before								
102									
103									
104									
105									

TUBING SIZE: 2 3/8" DEPTH OF TUBING: 11,858' DEPTH OF PACKER(S): 12,163', 12,600' & 11,850'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 0 BOPD
GAS VOLUME: 1100 MCF/DAY
GOR: -- CF/BBL
CHOKE SIZE: 9 /64"
PRODUCING METHOD: Flowing
FLOWING TUBING PRESSURE: 3000 psig
SHUT-IN TUBING PRESSURE: -- psig
CASING PRESSURE: 0 psig
WATER PRODUCTION: 0 BPD
BS&W: -- %
GRAVITY: -- *API 60° F
BHP (SHUT-IN): 5844 (est) psig
COMPANY REPRESENTATIVE: Fred Wisby
DATE GAUGED: 01/19/90

PLUG AND ABANDON (P & A) DATA

Casing Size	Amount Pulled	Cement Plugs				Date Work Performed	Name of Test Witness - State if Conservation Agent or Offset Operator
		From	To	Sacks	How Placed		

CERTIFICATE: I, the undersigned, state that I am employed by Eagle Cons. Ser. Inc. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: *M. J. ...* Title: Petroleum Engineer

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#1457-88	06/19/88	Schlumberger	Perforate for production from 12,620'-12,624', 12,638'-12,648' and 12,652' to 12,664'.
L#1853-89		Schlumberger	Set TTBP at 12,610'. Dump 10' cement on top. Perforate for production from 12,554' to 12,559' and 12,564' to 12,567'.
L#2249-89	12/01/89	Schlumberger	Squeeze off existing perforations. Perforate for production from 12,616' to 12,630' and 12,638' to 12,670'
	12/10/89	Schlumberger	Perforate for production from 12,846' to 12,850'.
L#28-90	1-19-90	Schlumberger	Set plug in S-1 nipple @ 12,606'. Perforate for production from 12,552'-59' & 12,563'-67'.

List below all important Paleofaunal or Geological Formation taps, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

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JAN 24 1990

OFFICE OF CONSERVATION

LAFAYETTE, LOUISIANA



BUDDY ROEMER
GOVERNOR

RON GOMEZ
SECRETARY

J. PATRICK BATCHELOR
COMMISSIONER AND
ASSISTANT SECRETARY

November 8, 1990

DEPARTMENT OF NATURAL RESOURCES

Linder Oil Co. A Partnership
P. O. Box 397
Schriever, LA 70395

Attn: James Chafin

Re: WELL ESTATE OF M O MILLER MD
SERIAL 208011 WELL NO 002
FIELD CRAB LAKE
PARISH CAMERON
APPL NO 009136

SEC/TWN/RNG 020/15S/05W

FOR Annular Disposal

Gentlemen:

This Office has reviewed and accepted the radioactive tracer survey run on the above-referenced well.

We hereby give approval to utilize the referenced well for annular injection of produced fluids for a period of one (1) year. THIS PERMIT EXPIRES ON November 8, 1991. Only water produced from the above-referenced well, the Estate of M O Miller MD No. 2-D (SN 208599), and the Estate of M O Miller MD No. 1 & No. 1-D (SN 207080 & SN 208598) may be injected into the annulus of this well. No injection of water produced elsewhere is allowed. In order to continue annular injection in this well beyond the expiration date, Form UIC-9 must be filed at least 30 days in advance of the expiration date.

The Maximum Authorized Surface Injection Pressure (MASIP) is limited to 685 psi. This pressure must be posted in the field office or be readily available to any field personnel operating this well and must be shown to a Conservation Agent upon inspection if requested.

Attached are the reporting requirements relating to the above well.

Yours very truly,

J. PATRICK BATCHELOR, Commissioner
Office of Conservation

James H. Welsh, Director
Injection & Mining Division

LCB:lg

Attachment

ANNULAR DISPOSAL REPORTING REQUIREMENTS

A reasonable estimate of the amount of salt water injected annually into the disposal well must be reported to the Injection and Mining Division at the address below and a copy sent to the appropriate Conservation District Office. This report is to be filed on Form UIC-10 during the first quarter of the next calendar year.

Office of Conservation
Injection & Mining Division
P.O. Box 94275
Baton Rouge, LA 70804-9275

RECEIVED

STATE OF LOUISIANA
OFFICE OF CONSERVATION

29-E COMPLIANCE YES NO AUG 28 1991

29-E UNIT ATTACHED YES NO Office of Conservation

Well Files
Baton Rouge, LA

WELL COMPLETION OR RECOMPLETION REPORT

D.O.C. USE ONLY

DISTRICT LAFAYETTE

CODE NUMBERS:

DATE 8/21/91

1 - ON-SHORE
 1 3 - OFF-SHORE
SEC. 20 T 15S R 5W

012 PARISH CAMERON

3000 FIELD CRAB LAKE

DOC ORDER NO. 29E

3466 OPERATOR LINDER OIL CO., A PARTNERSHIP

208011 WELL NAME ESTATE OF M. O. MILLER, MD NO. 2 SERIAL NO. 208011

RESERVOIR CM-2

8/11/91 COMPLETION DATE 5:00 TIME AM F

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES NO

REMARKS: NO NEED TO FILE

COMPLETION DATA:

* TYPE COMPLETION PRIMARY PRODUCT PRIMARY PRODUCT CHANGE? PRODUCING METHOD STATUS OF WELL
 2 1 - ORIG. COMP. 2 - RE-COMP. 2 1 - OIL 2 - GAS 3 - DRY GAS 2 1 - YES 2 - NO F F - FLOWING G L - GAS LIFT P - PUMPING 1 0 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE COMPLETION SPECIFY: SAME RESERVOIR DIFFERENT RESERVOIR

16 BOPD INITIAL PROD. 480 MCF/DAY GAS VOLUME 1000 PSIG FLOWING TUBING PRESSURE - PSIG SHUT-IN TUBING PRESSURE 0 PSIG CASING PRESSURE
14 /64" 1 1 - POSITIVE 2 - ADJUST 140 BPD WATER PROD. 90 % BS & W 30,000 CF/BBL GOR - GRAVITY API AT 60°F

PERFORATIONS 12,148' to 12,154' TOTAL DEPTH 13,062

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR BBLs. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TESTS (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

RECEIVED

CERTIFICATION

AUG 26 1991 I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

LAFAYETTE DISTRICT OFFICE OF CONSERVATION

Michael L. Dugas SIGNATURE MICHAEL L. DUGAS
LINDER OIL CO., A PARTNERSHIP OPERATOR
PETROLEUM ENGINEER TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

OK

RECEIVED



OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD
CRAB LAKE
AUG 27 1991
SERIAL NO
208011
Office of Conservation
Well Files
Baton Rouge, LA
PRODUCING INTERVAL
12,148' to 12,154'
RESERVOIR (COMPANY SAND IDENTIFICATION)
CM-2

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
 NEW WELL
 RECOMPLETION
 P & A
 31 INACTIVE DRY HOLE FUT. UTIL
 32 INACTIVE DRY HOLE NO FUT. UTIL
 36 INACTIVE WAITING ON PIPELINE
 37 INACTIVE WAITING ON MARKET
PRODUCT
 OIL
 GAS
 OTHER
IF RECOMPLETION
 SAME RESERVOIR
 DIFFERENT RESERVOIR
DATE COMP, RECOMP, OR P & A M O Y
8/11/91

OPERATOR
LINDER OIL CO., A PARTNERSHIP
CODE
3466
ADDRESS
1800 CAROL SUE AVENUE, GRETNA, LA 70056

WELL NAME
ESTATE OF M. O. MILLER, MD
WELL NO
2

PARISH
CAMERON
sec. 20 TWP. 15S RGE. 5W
DATE PERMIT ISSUED
3/18/88

DATE SPUNDED M O Y
4/2/88
DATE READY TO PRODUCE*

TOTAL DEPTH
13,062'
PBD
12,165'

GROUND ELEVATION
+1.5'
CASING HEAD FLANGE ELEVATION
+2.5'
DISTANCE FROM RKB TO CHF
23.0

DATE WELL TURNED INTO TANKS

SINGLE, DUAL OR TRIPLE COMPLETION?
Single
NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED? YES
WAS DIRECTIONAL SURVEY MADE? YES
WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION? YES
DATE FILED

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)
SAME
DATE FILED

CASING, LINER AND TUBING RECORD

C	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET		SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
				FROM	TO					
101	SAME AS BEFORE									
102										
103										
104										
105										

TUBING SIZE 2 3/8"
DEPTH OF TUBING 11,858'
DEPTH OF PACKER(S) 12,163', 12,600' and 11,850'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION 16 BOPD
GAS VOLUME 480 MCF/DAY
GOR 30,000 CF/BBL
CHOKE SIZE 14 /64"
PRODUCING METHOD Flowing

FLOWING TUBING PRESSURE 1000 psig
SHUT-IN TUBING PRESSURE --- psig
CASING PRESSURE 0 psig
WATER PRODUCTION 140 BPD
BS&W 90 %

GRAVITY --- *API 60° F
BHP (SHUT-IN) 5844 (est.) psig
COMPANY REPRESENTATIVE Ken Broussard
DATE GAUGED 8-11-91

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS				DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
		FROM	TO	SACKS	HOW PLACED		

CERTIFICATE: I, the undersigned, state that I am employed by Eagle Consulting and that I am authorized to make this report and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: MICHAEL L. DUGAS

Title: PETROLEUM ENGINEER

*Date well is equipped to produce, but due to no available market, no pipe line connections, etc. the well has been shut-in.

AUG 26 1991

LAFAYETTE DISTRICT OFFICE
OF CONSERVATION

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L# 1457-88	6/19/88	SCHLUMBERGER	PERFORATE FOR PRODUCTION FROM 12,620' - 12,624', 12,638' - 12,648' and 12,652' to 12,664'.
L# 1853-89		SCHLUMBERGER	SET TTBP AT 12,610'. DUMP 10' CEMENT ON TOP. PERFORATE FOR PRODUCTION FROM 12,554' TO 12,559' AND 12,564' TO 12,567'.
L# 2249-89	12/01/89	SCHLUMBERGER	SQUEEZE OFF EXISTING PERFORATIONS. PERFORATE FOR PRODUCTION FROM 12,616' TO 12,630' AND 12,638' to 12,670'.
	12/10/89	SCHLUMBERGER	PERFORATE FOR PRODUCTION FROM 12,846' TO 12,850'.
L# 28-90	1/19/90	SCHLUMBERGER	SET PLUG IN S-1 NIPPLE @ 12,606'. PERFORATE FOR PRODUCTION FROM 12,552' TO 12,559' AND 12,563' TO 12,567'.
L# 1407-91	8/11/91	SCHLUMBERGER	SET BRIDGE PLUG @ 12,165'. PERFORATE FROM 12,148' TO 12,154'.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED

STATE OF LOUISIANA
OFFICE OF CONSERVATION

JUL 08 1992

29-E COMPLIANCE YES NO
29-E UNIT ATTACHED YES NO

Office of Conservation
Well Files
Baton Rouge, LA

WELL COMPLETION OR RECOMPLETION REPORT

D.O.C. USE ONLY

DISTRICT LAFAYETTE

CODE NUMBERS:

DATE 6/5/92

1 ON SHORE
3 OFF-SHORE
SEC 20 T 15S R 5W

012 PARISH CAMERON

3000 FIELD CRAB LAKE

3466 OPERATOR LINDER OIL CO., A PARTNERSHIP

208011 WELL NAME ESTATE OF M. O. MILLER, M.D. NO. 2 SERIAL NO. 208011

RESERVOIR 12,250' SAND 6/5/92 6:30
COMPLETION DATE TIME AM PM

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES NO X

REMARKS: NO NEED TO FILE

COMPLETION DATA:

* TYPE COMPLETION PRIMARY PRODUCT PRIMARY PRODUCT CHANGE? PRODUCING METHOD STATUS OF WELL
2 1- ORIG COMP. 2- RE-COMP. 2 1- OIL 2- GAS 3- DRY GAS 2 1- YES 2- NO F- FLOWING G- GAS LIFT P- PUMPING 1 0 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE COMPLETION SPECIFY: SAME RESERVOIR DIFFERENT RESERVOIR X
0 BOPD 175 MCF/DAY 200 PSIG 0 PSIG 0 PSIG
INITIAL PROD GAS VOLUME FLOWING TUBING PRESSURE SHUT-IN TUBING PRESSURE CASING PRESSURE
OPEN 64" 1- POSITIVE 2- ADJUST 530 BPD 100 % -- CF/BBL -- API AT 60° F
CHOKE SIZE WATER PROD BS & W GOR GRAVITY

PERFORATIONS 12,250' to 12,254' TOTAL DEPTH 13,062'

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR BBLs OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

MICHAEL L. DUGAS SIGNATURE
LINDER OIL CO., A PARTNERSHIP OPERATOR
PETROLEUM ENGINEER TITLE

RECEIVED

STATE OF LOUISIANA
OFFICE OF CONSERVATION

JUL 08 1992

29-E COMPLIANCE YES NO
29-E UNIT ATTACHED YES NO

Office of Conservation
Well Files
Baton Rouge, LA

WELL COMPLETION OR RECOMPLETION REPORT

D.O.C USE ONLY

DISTRICT LAFAYETTE

CODE NUMBERS: 012 3000 3466 208011

DATE 6/5/92

PARISH CAMERON

FIELD CRAB LAKE

OPERATOR LINDER OIL CO., A PARTNERSHIP

WELL NAME ESTATE OF M. O. MILLER, M.D. NO. 2 SERIAL NO. 208011

RESERVOIR 12,250' SAND

1. ON SHORE
3 OFF-SHORE
SEC 20 T 15S R 5W

DOC ORDER NO. 29E

6/5/92 6:30
COMPLETION DATE TIME

AM PM

IMPORTANT: IS A FORM MD 10 R A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES NO X

REMARKS: NO NEED TO FILE

COMPLETION DATA:

* TYPE COMPLETION 2 1. ORIG. COMP 2 RE-COMP.

PRIMARY PRODUCT 2 1. OIL 2. GAS 3. DRY GAS

PRIMARY PRODUCT CHANGE? 2 1. YES 2. NO

PRODUCING METHOD F - FLOWING G - GAS LIFT P - PUMPING

STATUS OF WELL 1 0 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE COMPLETION SPECIFY: SAME RESERVOIR DIFFERENT RESERVOIR X

INITIAL PROD 0 BOPD GAS VOLUME 175 MCF/DAY FLOWING TUBING PRESSURE 200 PSIG SHUT IN TUBING PRESSURE 0 PSIG CASING PRESSURE 0 PSIG

OPEN /64" CHOKE SIZE 1. POSITIVE 2. ADJUST WATER PROD. 530 BPD BS & W 100 % GOR -- CF/BBL GRAVITY -- API AT 60°F

PERFORATIONS 12,250' to 12,254' TOTAL DEPTH 13,062'

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR BBLs OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29 B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

INSTRUCTIONS

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MICHAEL L. DUGAS SIGNATURE
LINDER OIL CO., A PARTNERSHIP OPERATOR
PETROLEUM ENGINEER TITLE

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#1457-88	6/19/88	SCHLUMBERGER	PERFORATE FOR PRODUCTION FROM 12,260' - 12,624', 12,638' - 12,648' & 12,652' to 12,664'.
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	12/10/89	SCHLUMBERGER	PERFORATE FOR PRODUCTION FROM 12,846' to 12,850'.
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L#1407-91	8/11/91	SCHLUMBERGER	SET BRIDGE PLUG @ 12,165'. PERFORATE FROM 12,148' TO 12,154'.
L#1991-91	8/14/91	SCHLUMBERGER	SQUEEZE OFF EXISTING PERFORATIONS & PERFORATE FOR PRODUCTION FROM 12,724' to 12,738'.
L#2212-91	12/17/91	SCHLUMBERGER	TO PLUG OFF LOWER PERFORATIONS WITH BRIDGE PLUG SET IN TUBING BELOW ISOLATION PACKER AT 12,690'. PERFORATE FOR PRODUCTION 12,638' - 12,648' & 12,652' - 12,664'.
L#1035-92	6/10/92	HLS	SET PLUG IN PACKER AT 12,280' AND PERFORATE FOR PRODUCTION FROM 12,250' to 12,254' IES.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

STATE OF LOUISIANA
OFFICE OF CONSERVATION

RECEIVED

AUG 03 1992

LOUISIANA STATE POTENTIAL REPORT Office of Conservation

Well Files
 INPUT Baton Rouge, LA
 1 - OC Only
 2 - Original
 3 - Correction

District Lafayette
 Field Crab Lake
 Parish Cameron

Operator Linder Oil Co A Partnership Code 3466
 Sec. 20 TWP. 15-S RGE. 5-W Test Date 7 1 27 1992
 12 Mo. Day Yr.

TYPE OF WELL TYPE OF TEST PRODUCING METHOD

1-OIL 1-COMPLETION F-FLOWING
 2-GAS 2-RECOMPLETION P-PUMPING
 18 19 20 G-GASLIFT

WELL SERIAL NO.	WELL NAME	WELL NO.	NAME OF RESERVOIR
208011	ESTATE OF M O MILLER M D	2	12,250' Sand

TOTAL DEPTH	PERFORATED INTERVAL FROM	PERFORATED INTERVAL TO	CHOKE /64"	OIL BBLs/DAY	COND. BBLs/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
13,062'	12,250'	12,254'	32	-	5	100	20000/1

API GRAV. @ 60° F.	WATER BBLs/DAY	BS&W %	FLOWING PRES. (PSIG)	CASING PRES. (PSIG)	DATE OF COMPLETION		
					MO.	DAY	YR.
41°	389	98%	150	0	06	05	92

CLOSE ~~TANK~~/METER GAUGE 5 • 7:30 AM TIME
 OPEN ~~TANK~~/METER GAUGE 0 • 7:30 AM TIME
 DIFFERENCE 5 in 24 HOURS
~~TANK~~/METER NO. Barton ~~TANK~~ COEF. 1.00

STATIC PRES. 150 DIFFERENTIAL PRES. 4 LINE SIZE 2"
 PLATE SIZE 0.750 COEFFICIENT 166 METER SPRING & DIFF. RANGE 150/100

REMARKS Linder is requesting a test to set a gas allowable for this well.

D.L. Scurlock, GAS: L.R.C.

RECEIVED

WITNESSED BY [Signature] GAUGED BY [Signature]
 TITLE CEO TITLE [Signature]
 LAFAYETTE DISTRICT OFFICE OF CONSERVATION

RECEIVED

STATE OF LOUISIANA
OFFICE OF CONSERVATION

29-E COMPLIANCE YES NO
29-E UNIT ATTACHED YES NO

SEP 24 1992

Office of Conservation
Well Files
Baton Rouge, LA

WELL COMPLETION OR RECOMPLETION REPORT

D.O.C. USE ONLY

DISTRICT LAFAYETTE

CODE NUMBERS:

DATE 9/11/92

1 - ON-SHORE
1 3 - OFF-SHORE
SEC. 20 T 15S R 5W

012

PARISH CAMERON

DOC ORDER NO. 29E

3000

FIELD CRAB LAKE

3466

OPERATOR LINDER OIL CO., A PARTNERSHIP

WELL NAME ESTATE OF M. O. MILLER, M.D. NO. 2 SERIAL NO. 208011

RESERVOIR 11,700' SAND

9/7/92 1:00
COMPLETION DATE TIME AM PM

IMPORTANT:

IS A FORM MD-10 R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN

YES

NO

X

REMARKS: NO NEED TO FILE

COMPLETION DATA:

* TYPE COMPLETION

PRIMARY PRODUCT

PRIMARY PRODUCT CHANGE?

PRODUCING METHOD

STATUS OF WELL

2 1 - ORIG. COMP.
2 - RE-COMP.

1 1 - OIL
2 - GAS
3 - DRY GAS

1 1 - YES
2 - NO

F F - FLOWING
GL - GAS LIFT
P - PUMPING

1 0 SEE REVERSE SIDE
FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY:

SAME RESERVOIR

DIFFERENT RESERVOIR

X

62 BOPD
INITIAL PROD.

76 MCF/DAY
GAS VOLUME

700 PSIG
FLOWING TUBING
PRESSURE

PSIG
SHUT-IN TUBING
PRESSURE

0 PSIG
CASING PRESSURE

8/64" 2 1 - POSITIVE
2 ADJUST
CHOKE SIZE

39 BPD
WATER PROD.

39 %
BS & W

1226 CF/BBL
GOR

GRAVITY API AT 60°F

PERFORATIONS 11,754' to 11,758' IES

RECEIVED

TOTAL DEPTH 12,917'

SEP 21 1992

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLs. OF OIL
PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION
X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

LAFAYETTE DISTRICT OFFICE OF CONSERVATION CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS
TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

John Harvill
SIGNATURE JOHN HARVILL

LINDER OIL CO., A PARTNERSHIP
OPERATOR

PETROLEUM ENGINEER

TITLE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITH-
IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION
(AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

RECEIVED



OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD

CRAB LAKE

SEP 22 1992

SERIAL NO

208011

Office of Conservation
Well Files

PRODUCING INTERVAL

11,754' to 11,758' IES

Baton Rouge, LA

RESERVOIR (COMPANY SAND IDENTIFICATION)

11,700' SAND

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES	<input type="checkbox"/> 31 INACTIVE DRY HOLE FUT. UTIL.	PRODUCT	IF RECOMPLETION	DATE COMP. RECOM. OR P & A
<input type="checkbox"/> NEW WELL	<input type="checkbox"/> 32 INACTIVE DRY HOLE NO FUT. UTIL.	<input checked="" type="checkbox"/> OIL	<input type="checkbox"/> SAME RESERVOIR	9/7/92
<input checked="" type="checkbox"/> RECOMPLETION	<input type="checkbox"/> 36 INACTIVE WAITING ON PIPELINE	<input type="checkbox"/> GAS	<input checked="" type="checkbox"/> DIFFERENT RESERVOIR	
<input type="checkbox"/> P & A	<input type="checkbox"/> 37 INACTIVE WAITING ON MARKET	<input type="checkbox"/> OTHER		

OPERATOR	CODE	ADDRESS
LINDER OIL CO., A PARTNERSHIP	3466	1800 CAROL SUE AVENUE, GREINA, LA 70056

WELL NAME	WELL NO
ESTATE OF M. O. MILLER, M. D.	2

PARISH	SEC	TWP.	RGE	DATE PERMIT ISSUED
CAMERON	20	15S	5	3/18/88

DATE SPUDED	DATE READY TO PRODUCE*	TOTAL DEPTH	PSTD
4/2/88	-	12,917'	12,040'

GROUND ELEVATION	CASING HEAD FLANGE ELEVATION	DISTANCE FROM RKB TO CHF
+1.5'	+2.5'	23.0'

DATE WELL TURNED INTO TANKS	SINGLE, DUAL OR TRIPLE COMPLETION?	NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION
--	SINGLE	

WAS WELL DIRECTIONALLY DRILLED?	WAS DIRECTIONAL SURVEY MADE?	WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?	DATE FILED
YES	YES	YES	--

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)	DATE FILED
SAME	--

CASING, LINER AND TUBING RECORD

C	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET		SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
				FROM	TO					
101	SAME AS BEFORE									
102										
103										
104										
105										

TUBING SIZE	DEPTH OF TUBING	DEPTH OF PACKER(S)
2 3/8"	11,299'	11,286'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
62	76 MCF/DAY	1226	8/8"	FLOWING
FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BS&W
700 psig	-- psig	0	39 BPD	39 %
GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED	
-- *API@60°F	5322 psig	KEN BROUSSARD	9/8/92	

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS				DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
		FROM	TO	SACKS	HOW PLACED		

CERTIFICATE: I, the undersigned, state that I am employed by EAGLE CONSULTING SERVICES, INC. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: John Harvill Title: PETROLEUM ENGINEER

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

WORK RESUME

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L#2249-89	12/01/89	SCHLUMBERGER	SQUEEZE OFF EXISTING PERFORATIONS. PERFORATE FOR PRODUCTION FROM 12,616' to 12,630' & 12,638' to 12,670'.
	12/10/89	SCHLUMBERGER	PERFORATE FOR PRODUCTION FROM 12,846' TO 12,850'.
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L#1407-91	8/11/91	SCHLUMBERGER	SET BRIDGE PLUG AT 12,165'. PERFORATE FROM 12,148' TO 12,154'.
L#1991-91	8/14/91	SCHLUMBERGER	SQUEEZE OFF EXISTING PERFORATIONS & PERFORATE FOR PRODUCTION FROM 12,724' TO 12,738'.
L#2212-91	12/17/91	SCHLUMBERGER	TO PLUG OFF LOWER PERFORATIONS WITH BRIDGE PLUG SET IN TUBING BELOW ISOLATION PACKER AT 12,690'. PERFORATE FOR PRODUCTION 12,638' - 12,648' & 12,652' to 12,664'.
L#1035-92	6/10/92	HLS	SET PLUG IN PACKER AT 12,280' AND PERFORATE FOR PRODUCTION FROM 12,250' to 12,254' IES.
L#1519-92	9/3/92	HLS	SET CIBP AT 12,050' (ABOVE EXISTING PERFORATIONS). DUMP BAIL 10' CEMENT ON TOP OF CIBP. RERUN COMPLETION AND PERFORATE FOR PRODUCTION 11,754' to 11,758'.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED

SEP 30 1992

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Office of Conservation
Well Files
Baton Rouge, LA

LOUISIANA STATE POTENTIAL REPORT

RECEIVED
SEP 29 1992

INPUT TYPE 2
LAFAYETTE DISTRICT OFFICE
OF CONSERVATION
2 - Original
3 - Correction
9 / 22 / 92
12 Mo. Day Yr.

District Lafayette
Field Crab Lake
Parish Cameron
Operator Linder Oil Co A Partnership Code 3466
Sec. 20 TWP. 15-S RGE. 5-W Test Date 9 / 22 / 92

TYPE OF WELL 1 1-OIL
2-GAS
18
TYPE OF TEST 2 1-COMPLETION
2-RECOMPLETION
3-RETEST
19
PRODUCING METHOD F F-FLOWING
P-PUMPING
20 G-GASLIFT

WELL SERIAL NO.	WELL NAME	WELL NO.	NAME OF RESERVOIR
208011	ESTATE OF M O MILLER M D	2	11,700' SAND

TOTAL DEPTH	PERFORATED INTERVAL FROM	PERFORATED INTERVAL TO	CHOKE /64"	OIL BBLS/DAY	COND. BBLS/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
12,917'	11,754'	11,758'	9	105	—	86	819

API GRAV. @ 60° F.	WATER BBLS/DAY	BS&W %	FLOWING PRES. (PSIG)	CASING PRES. (PSIG)	DATE OF COMPLETION MO.	DATE OF COMPLETION DAY	DATE OF COMPLETION YR.
42.2	92	47	450	0	09	07	92

CLOSE TANK / METER GAUGE 6' 6" • 7:00 AM TIME
OPEN TANK / METER GAUGE 4' 10 1/2" • 7:00 AM TIME
DIFFERENCE 19 1/2" in 24 HOURS
TANK / METER NO. 91822 TANK COEF. 541

STATIC PRES. 250 DIFFERENTIAL PRES. 2 LINE SIZE 2"
PLATE SIZE 0.750 COEFFICIENT 172.000 METER SPRING & DIFF. RANGE 1500 1/2

REMARKS This well has been recompleted and the primary product has changed from gas to oil. Linder is requesting that an oil allowable be set, effective 9-7-92.

DIT: SCUR LOCK - Permian Gas Lignite LLC.
WITNESSED BY [Signature] GAUGED BY [Signature]
TITLE CEA TITLE _____

29-E COMPLIANCE YES NO
 29-E UNIT ATTACHED YES NO

STATE OF LOUISIANA
 OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

RECEIVED
 NOV 01 1993
 Office of Conservation
 Well Files
 Baton Rouge, LA

DISTRICT LAFAYETTE

CODE NUMBERS 012
3000 PARISH CAMERON
3466 FIELD CRAB LAKE
208011 OPERATOR LINDER OIL CO., A PARTNERSHIP
 WELL NAME ESTATE OF M. O. MILLER, M.D.
 RESERVOIR 11,500' SAND

1 - ON-SHORE
 3 - OFF-SHORE
 SEC. 20 T. 15S R. 5W
 OC ORDER NO. 29E
 NO. 2 SERIAL NO. 208011
 10/3/93 4:00
 COMPLETION DATE TIME AM PM

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES NO
 REMARKS: NO NEED TO FILE

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
<input checked="" type="checkbox"/> 1 - ORIG. COMP. <input type="checkbox"/> 2 - RE-COMP.	<input checked="" type="checkbox"/> 1 - OIL <input type="checkbox"/> 2 - GAS <input type="checkbox"/> 3 - DRY GAS	<input checked="" type="checkbox"/> 1 - YES <input type="checkbox"/> 2 - NO	<input checked="" type="checkbox"/> F - FLOWING <input type="checkbox"/> G L - GAS LIFT <input type="checkbox"/> P - PUMPING	SEE REVERSE SIDE FOR CODE
* IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR <input type="checkbox"/> DIFFERENT RESERVOIR <input checked="" type="checkbox"/>		OCT 18 1993		
<u>47</u> BOPD INITIAL PROD.	<u>940</u> MCF/DAY GAS VOLUME	<u>3150</u> PSIG FLOWING TUBING PRESSURE	<u>3200</u> PSIG SHUT-IN TUBING PRESSURE	OFFICE OF CONSERVATION LAFAYETTE, LOUISIANA
<u>7/64"</u> CHOKER SIZE	<input checked="" type="checkbox"/> 1 - POSITIVE <input type="checkbox"/> 2 - ADJUST	<u>18</u> BPD WATER PROD.	<u>28</u> % BS & W	<u>20,000</u> CF/BBL GOR
PERFORATIONS <u>11,550' - 11,562'</u>			TOTAL DEPTH <u>12,917'</u>	

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR BBLs. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

John W. Harvill
 JOHN W. HARVILL SIGNATURE
 LINDER OIL CO., A PARTNERSHIP OPERATOR
 DRILLING SUPERINTENDENT
 TITLE

INSTRUCTIONS

(THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).)

RECEIVED



OCT 21 1993

Office of Conservation
Well Files
Baton Rouge, LA
OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD: CRAB LAKE

SERIAL NO: 208011

PRODUCING INTERVAL: 11,550' - 11,562'

RESERVOIR (COMPANY SAND IDENTIFICATION): 11,500' SAND

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

NEW WELL

RECOMPLETION

P & A

31 INACTIVE DRY HOLE FUT. UTIL.

32 INACTIVE DRY HOLE NO FUT. UTIL.

36 INACTIVE WAITING ON PIPELINE

37 INACTIVE WAITING ON MARKET

PRODUCT

OIL

GAS

OTHER

IF RECOMPLETION

SAME RESERVOIR

DIFFERENT RESERVOIR

DATE COMP, RECOM, OR P & A M D Y: 10/3/93

OPERATOR: LINDER OIL CO., A PARTNERSHIP

CODE: 3466

ADDRESS: 1800 CAROL SUE AVENUE, GRETN, LA 70056

WELL NAME: ESTATE OF M. O. MILLER, M.D.

WELL NO.: 2

PARISH: CAMERON

SEC. 20 TWP. 15S RGE. 5W

DATE PERMIT ISSUED: 3/18/88

DATE SPUDDED: 4/2/88

DATE READY TO PRODUCE: -

TOTAL DEPTH: 12,917'

PBTD.: 11,640'

GROUND ELEVATION: +1.5'

CASING HEAD FLANGE ELEVATION: +2.5'

DISTANCE FROM RKB TO CHF: 23.0'

DATE WELL TURNED INTO TANKS: -

SINGLE, DUAL OR TRIPLE COMPLETION?: SINGLE

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED? YES

WAS DIRECTIONAL SURVEY MADE? YES

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION? YES

DATE FILED WITH ORIGINAL REPORT

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): TIGHT HOLE

DATE FILED WITH ORIGINAL REPORT

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET		SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
			FROM	TO					
101	SAME								<p>RECEIVED</p> <p>OCT 18 1993</p> <p>OFFICE OF CONSERVATION</p>
102									
103									
104									
105									

TUBING SIZE: 2 3/8" DEPTH OF TUBING: 11,299' DEPTH OF PACKER(S): 11,286'

INITIAL COMPLETION OR RE-COMPLETION DATA

LAFAYETTE, LOUISIANA

INITIAL PRODUCTION: 47 BOPD

GAS VOLUME: 940 MCF/DAY

GOR: 20,000 CF/BBL

CHOKE SIZE: 7 /64"

PRODUCING METHOD: FLOWING

FLOWING TUBING PRESSURE: 3150 psig

SHUT-IN TUBING PRESSURE: 3200 psig

CASING PRESSURE: 0

WATER PRODUCTION: 18 BPD

SS&W: 28 %

DENSITY: -

BHP (SHUT-IN): 5322 (est) psig

COMPANY REPRESENTATIVE: JEFF WISBY

DATE GAUGED: 10/11/93

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS				DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
		FROM	TO	SACKS	HOW PLACED		

CERTIFICATE: I, the undersigned, state that I am employed by Eagle Consulting Services, Inc. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: *[Signature]* Title: DRILLING SUPT.

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#1457-88	6/19/88	SCHLUMBERGER	PERFORATE FOR PRODUCTION FROM 12,620' to 12,624', 12,638' - 12,648' & 12,652' to 12,664'.
L#1853-89	9/27/89	SCHLUMBERGER	SET TTBP AT 12,610'. DUMP 10' CEMENT ON TOP. PERFORATE FOR PRODUCTION FROM 12,554' to 12,559' & 12,564' to 12,567'.
L#2249-89	12/01/89	SCHLUMBERGER	SQUEEZE OFF EXISTING PERFORATIONS. PERFORATE FOR PRODUCTION FROM 12,616' to 12,630' & 12,638' to 12,670'.
	12/10/89	SCHLUMBERGER	PERFORATE FOR PRODUCTION FROM 12,846' TO 12,850'.
L#28-90	1/19/90	SCHLUMBERGER	SET PLUG IN S-1 NIPPLE AT 12,606'. PERFORATE FOR PRODUCTION FROM 12,552' TO 12,559' & 12,563' TO 12,567'.
L#1407-91	8/11/91	SCHLUMBERGER	SET BRIDGE PLUG AT 12,165'. PERFORATE FROM 12,148' TO 12,154'.
L#1991-91	8/14/91	SCHLUMBERGER	SQUEEZE OFF EXISTING PERFORATIONS & PERFORATE FOR PRODUCTION FROM 12,724' TO 12,738'.
L#2212-91	12/17/91	SCHLUMBERGER	TO PLUG OFF LOWER PERFORATIONS WITH BRIDGE PLUG SET IN TUBING BELOW ISOLATION PACKER AT 12,690'. PERFORATE FOR PRODUCTION 12,638' - 12,648' & 12,652' to 12,664'.
L#1035-92	6/10/92	HLS	SET PLUG IN PACKER AT 12,280' AND PERFORATE FOR PRODUCTION FROM 12,250' to 12,254' IES.
L#1519-92	9/3/92	HLS	SET CIBP AT 12,050' (ABOVE EXISTING PERFORATIONS). DUMP BAIL 10' CEMENT ON TOP OF CIBP. RERUN COMPLETION AND PERFORATE FOR PRODUCTION 11,754' to 11,758'.
L#1563-93	9/15/93	HLS	SET TTBP AT 11,700'. DUMP BAIL 10' CEMENT ON PLUG. PERFORATE FOR PRODUCTION 10,550' - 10,562'.
	9/16/93	HLS	REPLACES ABOVE (L-1563-93) WORK PERMIT. SET TTBP AT 11,700'. DUMP BAIL 10' CEMENT ON PLUG. PERFORATE FOR PRODUCTION 11,550' - 11,562'.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED

STATE OF LOUISIANA
OFFICE OF CONSERVATION

29-E COMPLIANCE YES NO JAN 31 1994

29-E UNIT ATTACHED YES NO Office of Conservation
Well Files
Baton Rouge, LA

WELL COMPLETION OR RECOMPLETION REPORT

O.C. USE ONLY

DISTRICT LAFAYETTE

CODE NUMBERS:	DATE	1/24/94	1 - ON-SHORE
<u>012</u>	PARISH	<u>CAMERON</u>	<u>1</u> 3 - OFF-SHORE
<u>3000</u>	FIELD	<u>CRAB LAKE</u>	SEC. <u>20</u> T <u>15S</u> R <u>5W</u>
<u>3466</u>	OPERATOR	<u>LINDER OIL CO., A PARTNERSHIP</u>	OC ORDER NO. <u>29E</u>
<u>208011</u>	WELL NAME	<u>ESTATE OF M. O. MILLER, MD</u>	NO. <u>2</u> SERIAL NO. <u>208011</u>
	RESERVOIR	<u>CJ-2 UPPER</u>	1/22/94 2:00
			COMPLETION DATE TIME <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES NO

REMARKS: NO NEED TO FILE

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
<input type="checkbox"/> 1 - ORIG. COMP. <input checked="" type="checkbox"/> 2 - RE-COMP.	<input type="checkbox"/> 1 - OIL <input checked="" type="checkbox"/> 2 - GAS <input type="checkbox"/> 3 - DRY GAS	<input type="checkbox"/> 1 - YES <input checked="" type="checkbox"/> 2 - NO	<input type="checkbox"/> F - FLOWING <input checked="" type="checkbox"/> GL - GAS LIFT <input type="checkbox"/> P - PUMPING	<input type="checkbox"/> 1 <input type="checkbox"/> 0 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR DIFFERENT RESERVOIR

<u>113</u> BOPD INITIAL PROD.	<u>1032</u> MCF/DAY GAS VOLUME	<u>1450</u> PSIG FLOWING TUBING PRESSURE	<u>-</u> PSIG SHUT-IN TUBING PRESSURE	<u>0</u> PSIG CASING PRESSURE
<u>14.24"</u> <input checked="" type="checkbox"/> 1 - POSITIVE 2 - ADJUST CHOKE SIZE	<u>2.4</u> BPD WATER PROD.	<u>2</u> % BS & W	<u>9133</u> CF/BBL GOR	<u>43.2</u> API AT 60°F GRAVITY

PERFORATIONS 11,518' - 11,523', 11,528' - 11,531' & 11,534' - 11,538' IES TOTAL DEPTH 12,917'

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR BBLs OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TESTS (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE)

RECEIVED
JAN 28 1994

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

John W. Harvill
 JOHN W. HARVILL SIGNATURE
 LINDER OIL CO., A PARTNERSHIP OPERATOR
 DRILLING SUPT. TITLE

INSTRUCTIONS OFFICE OF CONSERVATION

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

RECEIVED



RECEIVED

JAN 31 1994

Office of Conservation
Well Files
Baton Rouge, LA

FIELD: CRAB LAKE
 SERIAL NO.: 208011
 OFFICE OF CONSERVATION
 PRODUCING INTERVAL: 11,518 - 11,523', 11,528' - 11,531', 11,534' - 11,538' - LAFAYETTE, LOUISIANA
 RESERVOIR (COMPANY SAND IDENTIFICATION): C.I-2 HIPPER

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES
 NEW WELL
 RECOMPLETION
 P & A

31 INACTIVE DRY HOLE FUT. UTIL
 32 INACTIVE DRY HOLE NO FUT. UTIL
 36 INACTIVE WAITING ON PIPELINE
 37 INACTIVE WAITING ON MARKET

PRODUCT
 OIL
 GAS
 OTHER

IF RECOMPLETION
 SAME RESERVOIR
 DIFFERENT RESERVOIR

DATE COMP. RECOMP. OR P & A M D Y
 1/22/94

OPERATOR: LINDER OIL CO., A PARTNERSHIP
 CODE: 3466
 ADDRESS: 1800 CAROL SUE AVENUE, GRETNA, LA 70056

WELL NAME: ESTATE OF M. O. MILLER, M. D.
 WELL NO.: 2

PARISH: CAMERON
 SEC: 20 TWP: 15S ROE: 5W
 DATE PERMIT ISSUED: 3/18/88

DATE SPUNDED M D Y: 4/2/88
 DATE READY TO PRODUCE: -
 TOTAL DEPTH: 12,917'
 PBT.D.: 11,542'

GROUND ELEVATION: +1.5
 CASING HEAD FLANGE ELEVATION: +2.5'
 DISTANCE FROM RKB TO CHF: 23.0'

DATE WELL TURNED INTO TANKS: -
 SINGLE, DUAL OR TRIPLE COMPLETION: SINGLE
 NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED? YES
 WAS DIRECTIONAL SURVEY MADE? YES
 WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION? YES
 DATE FILED: W/ORIGINAL REPORT

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): TIGHT HOLE
 DATE FILED: WITH ORIGINAL REPORT

CASING, LINER AND TUBING RECORD

Casing Size	Hole Size	Casing Weight	Depth Set		Sacks Cement	Test Pressure	Hours Under Pressure	Date Tested (MM DD YY)	Name of Test Witness - State if Conservation Agent or Offset Operator
			From	To					
101	SAME								
102									
103									
104									
105									

TUBING SIZE: 2 3/8" DEPTH OF TUBING: 10,989' DEPTH OF PACKER(S): 10,947'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 113 bopd
 GAS VOLUME: 1032 MCF/DAY
 OOR: 9133 CF/BBL
 CHOKE SIZE: 14/64"
 PRODUCING METHOD: FLOWING

FLOWING TUBING PRESSURE: 1450 psig
 SHUT-IN TUBING PRESSURE: - psig
 CASING PRESSURE: 0
 WATER PRODUCTION: 2.4 bpd
 BSW: 2 %

GRAVITY: 43.2 *API @ 60° F
 BHP (SHUT-IN): 5183 (est) psig
 COMPANY REPRESENTATIVE: CLIFFORD JOBE
 DATE GAUGED: 1/22/94

PLUG AND ABANDON (P & A) DATA

Casing Size	Amount Pulled	Cement Plugs				Date Work Performed	Name of Test Witness - State if Conservation Agent or Offset Operator
		From	To	Sacks	How Placed		

CERTIFICATE: I, the undersigned, state that I am employed by EAGLE CONSULTING SERVICES, INC and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: JOHN W. HARVILL Title: DRLG. SUPT.

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#1457-88	6/19/88	SCHLUMBERGER	PERFORATE FOR PRODUCTION FROM 12,620' to 12,624', 12,638' - 12,648' & 12,652' to 12,664'.
L#1853-89	9/27/89	SCHLUMBERGER	SET TTBP AT 12,610'. DUMP 10' CEMENT ON TOP. . PERFORATE FOR PRODUCTION FROM 12,554' to 12,559' & 12,564' to 12,567'.
L#2249-89	12/01/89	SCHLUMBERGER	SQUEEZE OFF EXISTING PERFORATIONS. PERFORATE FOR PRODUCTION FROM 12,616' to 12,630' & 12,638' to 12,670'.
	12/10/89	SCHLUMBERGER	PERFORATE FOR PRODUCTION FROM 12,846' TO 12,850'.
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L#1407-91	8/11/91	SCHLUMBERGER	SET BRIDGE PLUG AT 12,165'. PERFORATE FROM 12,148' TO 12,154'.
L#1991-91	8/14/91	SCHLUMBERGER	SQUEEZE OFF EXISTING PERFORATIONS & PERFORATE FOR PRODUCTION FROM 12,724' TO 12,738'.
L#2212-91	12/17/91	SCHLUMBERGER	TO PLUG OFF LOWER PERFORATIONS WITH BRIDGE PLUG SET IN TUBING BELOW ISOLATION PACKER AT 12,690'. PERFORATE FOR PRODUCTION 12,638' - 12,648' & 12,652' to 12,664'.
L#1035-92	6/10/92	HLS	SET PLUG IN PACKER AT 12,280' AND PERFORATE FOR PRODUCTION FROM 12,250' to 12,254' IES.
L#1519-92	9/3/92	HLS	SET CIBP AT 12,050' (ABOVE EXISTING PERFORATIONS). DUMP BAIL 10' CEMENT ON TOP OF CIBP. RERUN COMPLETION AND PERFORATE FOR PRODUCTION 11,754' to 11,758'.
L#1563-93	9/15/93	HLS	SET TTBP AT 11,700'. DUMP BAIL 10' CEMENT ON PLUG. PERFORATE FOR PRODUCTION 10,550' - 10,562'.
L#1733-93	9/16/93	HLS	REPLACES ABOVE (L-1563-93) WORK PERMIT. SET TTBP AT 11,700'. DUMP BAIL 10' CEMENT ON PLUG. PERFORATE FOR PRODUCTION 11,550' - 11,562'.
L#043-94	2/23/93	HLS	PERFORATE FOR BLOCK SQUEEZE 11,511' - 11,513'
	1/21/94	HLS	SET CIBP AT 11,545'. PERFORATE FOR PRODUCTION FROM 11,518' - 11,523', 11,528' - 11,531' & 11,534' - 11,538' IES.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

RECEIVED

JUN 09 1994

Office of Conservation

District Lafayette
Field CRAB LAKE
Parish CHARLTON
Operator Linden Oil Co. A Partnership Code 3/66
Sec. 20 TWP. 155 RGE. 500 Test Date 5 1 25 1994
INPUT TYPE Well Files
1 - Baton Rouge, LA
2 - Original
3 - Correction

TYPE OF WELL

TYPE OF TEST

PRODUCING METHOD

1-OIL
 2-GAS
18

1-COMPLETION JUN 07 1994
 2-RECOMPLETION
 3-RETEST
19

F-FLOWING
 P-PUMPING
 G-GASLIFT
20

LAFAYETTE, LOUISIANA

WELL SERIAL NO.	WELL NAME	WELL NO.	NAME OF RESERVOIR
206011	Est. of Mr. Miller 110	2	Crab Lake

27

TOTAL DEPTH	PERFORATED INTERVAL FROM	PERFORATED INTERVAL TO	CHOKE /64"	OIL BBL/DAY	COND. BBL/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
12915	11518	11536	16	C	56	1000	17857

33

38

43

48

51

57

63

69

API GRAV. @ 60° F.	WATER BBL/DAY	BS&W %	FLOWING PRES. (PSIG)	CASING PRES. (PSIG)	DATE OF COMPLETION MO.	DATE OF COMPLETION DAY	DATE OF COMPLETION YR.
49	1	1.25	2600	100	1	22	94

76

80

86

89

95

101

CLOSE TANK/METER GAUGE 5857 • 800 AM TIME
OPEN TANK/METER GAUGE 5801 • 800 AM TIME
DIFFERENCE 56 in 24 HOURS
TANK/METER NO. FLOCO TANK COEF. 1.000

STATIC PRES. 0.00 DIFFERENTIAL PRES. 74 LINE SIZE 2"
PLATE SIZE 0.7500 COEFFICIENT 15.015 METER SPRING & DIFF. RANGE 1500/1500
REMARKS Linden Oil Requests 1000 MCF/D Gas allowable for this well effective 1-22-94
Est. of Mr. Miller 110

WITNESSED BY [Signature] GAUGED BY [Signature]
TITLE CEO TITLE _____

29-E COMPLIANCE YES NO
 29-E UNIT ATTACHED YES NO
 D.O.C. USE ONLY

STATE OF LOUISIANA
 OFFICE OF CONSERVATION

JAN 16 1996

Office of Conservation Well Files
 Baton Rouge, LA DISTRICT Lafayette

CODE NUMBERS: 012 3000 6213 208011
 DATE 1-5-96
 PARISH Cameron
 FIELD Crab Lake
 OPERATOR Vintage Petroleum, Inc.
 WELL NAME Estate of M.O. Miller, M.D. NO. 2 SERIAL NO. 208011
 RESERVOIR CJ-1 Sand
 1 - ON-SHORE
 3 - OFF-SHORE
 SEC. 20 T 15S R 5W
 DOC ORDER NO. 29E
 11-27-95 10:00 X
 COMPLETION DATE TIME AM P

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES NO X

REMARKS: No change

COMPLETION DATA:
 TYPE COMPLETION 2 1 - ORIG COMP. 2 - RE-COMP.
 PRIMARY PRODUCT 2 1 - OIL 2 - GAS 3 - DRY GAS
 PRIMARY PRODUCT CHANGE? 2 1 - YES 2 - NO
 PRODUCING METHOD F F - FLOWING G L - GAS LIFT P - PUMPING
 STATUS OF WELL 1 0 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR X DIFFERENT RESERVOIR
 54 BOPD INITIAL PROD. 1800 MCF/DAY GAS VOLUME 3450 PSIG FLOWING TUBING PRESSURE
 - PSIG SHUT-IN TUBING PRESSURE 0 PSIG CASING PRESSURE

13 / 64" 1 - POSITIVE 2 - ADJUST
 WATER PROD. 1 BPD BS & W 33,333 GOR CF/BBL 38.8 GRAVITY API AT 60°F

PERFORATIONS 11,426'-11,448' TOTAL DEPTH 13,062'

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR BBLs OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

JAN 09 1996
 Lafayette District Office
 INSTRUCTIONS

Regulatory Specialist
 Signature
 Vintage Petroleum, Inc.
 Operator
 Regulatory Specialist
 Title

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITHIN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

<u>Date of Test</u>	<u>TEST DATA</u>		<u>Amount of Oil Produced</u>
	<u>Time of Test</u>		
_____	_____	M. to _____ M.	_____ Barrels
_____	_____	M. to _____ M.	_____ Barrels
_____	_____	M. to _____ M.	_____ Barrels
_____	_____	M. to _____ M.	_____ Barrels
_____	_____	M. to _____ M.	_____ Barrels
TOTAL _____			BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

OPERATOR

(Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

- 10 Active
- 33 Inactive-Future Utility (does not include waiting on pipeline or market)
- 36 Inactive waiting on pipeline
- 37 Inactive waiting on market



OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD
Crab Lake

SERIAL NO.
208011

PRODUCING INTERVAL
11,426'-11,448' JAN 10 1996

RESERVOIR (COMPANY SAND IDENTIFICATION)
CJ-1 Sand Office of Conservation Well Files
Baton Rouge, LA

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

<input type="checkbox"/> NEW WELL	<input checked="" type="checkbox"/> 31 INACTIVE DRY HOLE FUT. UTIL.	PRODUCT	<input type="checkbox"/> OIL	IF RECOMPLETION	DATE COMP., RECOMP. OR P & A M D Y
<input checked="" type="checkbox"/> RECOMPLETION	<input type="checkbox"/> 32 INACTIVE DRY HOLE NO FUT. UTIL.	<input checked="" type="checkbox"/> GAS	<input type="checkbox"/> DIFFERENT RESERVOIR		
<input type="checkbox"/> P & A	<input type="checkbox"/> 36 INACTIVE WAITING ON PIPELINE	<input type="checkbox"/> OTHER			11-27-95
	<input type="checkbox"/> 37 INACTIVE WAITING ON MARKET				

OPERATOR
Vintage Petroleum, Inc.

CODE
6213

ADDRESS
4200 One Williams Center, Tulsa, OK 74172

WELL NAME
Estate of M.O. Miller, M.D.

WELL NO.
2

PARISH
Cameron

SEC. 20 TWP. 15S RGE. 5W

DATE PERMIT ISSUED
11-21-95

DATE SPUNDED M D Y
4-2-88

DATE READY TO PRODUCE*

TOTAL DEPTH
13,062

PBTD.
11,640

GROUND ELEVATION
+1.5'

CASING HEAD FLANGE ELEVATION
+2.5'

DISTANCE FROM RKB TO CHF
23.0'

DATE WELL TURNED INTO TANKS
11-27-95

SINGLE, DUAL OR TRIPLE COMPLETION?
Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?
Yes

WAS DIRECTIONAL SURVEY MADE?
Yes

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?
Yes

DATE FILED
w/original

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)

DATE FILED

CASING, LINER AND TUBING RECORD

Casing Size	Hole Size	Casing Weight	Depth Set		Sacks Cement	Test Pressure	Hours Under Pressure	Date Tested (MM DD YY)	Name of Test Witness - State if Conservation Agent or Offset Operator
			From	To					
16"	Drive	pipe	181	0					
10 3/4	14 3/4	40.5	3530	0	1570	1500	0.5	4-5-88	
7	9 7/8	26/29	13028	0	2500	2500	0.5	6-12-88	Paul Bittle

TUBING SIZE: 2 3/8 DEPTH OF TUBING: 10813 DEPTH OF PACKER(S): 10784

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION
54

GAS VOLUME
1800

GOR
33,333

CHOKE SIZE
13 /64"

PRODUCING METHOD
Flowing

FLOWING TUBING PRESSURE
3500 psig

SHUT-IN TUBING PRESSURE
psig

CASING PRESSURE
psig

WATER PRODUCTION
1 BPD

BS&W
%

GRAVITY
38.8 *API@60°F

BHP (SHUT-IN)
5844 (est) psig

COMPANY REPRESENTATIVE

DATE GAUGED
12-03-95

PLUG AND ABANDON (P & A) DATA

Casing Size	Amount Pulled	Cement Plugs			Date Work Performed	Name of Test Witness - State if Conservation Agent or Offset Operator
		From	To	Sacks		

CERTIFICATE: I, the undersigned, state: That I am employed by Vintage Petroleum and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: Rebecca Sanford Title: Regulatory Specialist 1/5/96

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L-1981-95	11/23/95 11/25/95 11-26-95		Drill out packer set at 10,806' Set Baker FH packer at 10,784' Perf for production from 11,426'011,430', 11,444'-11,448'.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

STATE OF LOUISIANA
OFFICE OF CONSERVATION

JAN 21 1997

Office of Conservation
Well Files
Baton Rouge, LA

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

29-E COMPLIANCE	<u>YES</u>	<u>NO</u>
29-E UNIT ATTACHED	<u>YES</u>	<u>NO</u>
O.C. USE ONLY		

CODE NUMBERS:	DATE	1	1 - ON SHORE
012 ✓	1-7-96	SEC 20	T 15S R 05W
3000 ✓	PARISH	OC ORDER NO	
6213 ✓	Cameron		
208011 ✓	FIELD		
	Crab Lake		
	OPERATOR		
	Vintage Petroleum, Inc.		
	WELL NAME	NO 002	SERIAL NO. 208011 ✓
	Estate of M.O. Miller, M.D.		
	RESERVOIR	12-11-96 ✓	3:30
	CG-1 ✓	COMPLETION DATE	TIME
			<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM

IMPORTANT: IS A FORM MD-10-R A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN
 YES NO

REMARKS: Non-Unitized ✓

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
<input checked="" type="checkbox"/> 1 - ORIG. COMP. <input checked="" type="checkbox"/> 2 - RE-COMP.	<input checked="" type="checkbox"/> 1 - OIL <input type="checkbox"/> 2 - GAS <input type="checkbox"/> 3 - DRY GAS	<input checked="" type="checkbox"/> 1 - YES <input checked="" type="checkbox"/> 2 - NO	<input type="checkbox"/> F - FLOWING <input type="checkbox"/> GL - GAS LIFT <input type="checkbox"/> P - PUMPING	<input type="checkbox"/> 1 <input type="checkbox"/> 0 SEE REVERSE ... FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY: SAME RESERVOIR DIFFERENT RESERVOIR

<u>4</u> BOPD INITIAL PROD.	<u>1000</u> MCF/DAY GAS VOLUME	<u>3000</u> PSIG FLOWING TUBING PRESSURE	<u>3550</u> PSIG SHUT-IN TUBING PRESSURE	<u>3300</u> PSIG CASING PRESSURE
<u>8</u> / 64" CHOKE SIZE	<input checked="" type="checkbox"/> 1 - POSITIVE <input checked="" type="checkbox"/> 2 - ADJUST	<u>50</u> BPD WATER PROD.	<u>250,000</u> CF/BBL GOR	<u>38.8</u> API GRAVITY
PERFORATIONS <u>11,046' - 11,048'</u>				TOTAL DEPTH <u>13,062</u>

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR RECEIVED BBLs. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TESTS (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE)

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

JAN 15 1997

Lafayette District Office

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITH IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1)

Signature: Rebecca Sanford
 Vintage Petroleum, Inc.
 OPERATOR
 Rebecca Sanford/Regulatory Specialist
 TITLE
 (918) 592-0101

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

<u>Date of Test</u>	<u>T E S T D A T A</u> <u>Time of Test</u>	<u>Amount of Oil Produced</u>
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
	TOTAL _____	_____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

OPERATOR

(Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

- 10 Active
- 33 Inactive-Future Utility (does not include waiting on pipeline or market)
- 36 Inactive waiting on pipeline
- 37 Inactive waiting on market



OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD
Crab Lake

SERIAL NO
208011

PRODUCING INTERVAL
11,046' - 11048'

RESERVOIR (COMPANY SAND IDENTIFICATION)
CG-1

JAN 16 1997
Office of Conservation
Well Files
Baton Rouge, LA

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

NEW WELL
 RECOMPLETION
 P & A

31. INACTIVE DRY HOLE FUT. UTIL
 32. INACTIVE DRY HOLE NO FUT UTIL
 36. INACTIVE WAITING ON PIPELINE
 37. INACTIVE WAITING ON MARKET

PRODUCT
 OIL
 GAS
 OTHER

IF RECOMPLETION
 SAME RESERVOIR
 DIFFERENT RESERVOIR

DATE COMP. RECOMP. OR P & A M D Y
12-11-96

OPERATOR
Vintage Petroleum, Inc.

CODE
6213

ADDRESS
4200 One Williams Center, Tulsa OK 74172

WELL NAME
Estate of M.O. Miller, M.D.

WELL NO
002

PARISH
Cameron

SEC. 20 TWP. 15S RGE. 05W

DATE PERMIT ISSUED
8-20-96/12-23-96

DATE SPUNDED M D Y
4-2-88

DATE READY TO PRODUCE*
12-11-96

TOTAL DEPTH
13,062

PBTD
11,134'

GROUND ELEVATION
+1.5'

CASING HEAD FLANGE ELEVATION
+25'

DISTANCE FROM RKB TO CHF
23.0'

DATE WELL TURNED INTO TANKS
12-11-96

SINGLE, DUAL OR TRIPLE COMPLETION?
Single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?
Yes

WAS DIRECTIONAL SURVEY MADE?
Yes

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?
Yes

DATE FILED
w/original Report

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)
Tight Hole

DATE FILED
w/original Report

CASING, LINER AND TUBING RECORD

Casing Size	Hole Size	Casing Weight	Depth Set		Sacks Cement	Test Pressure	Hours Under Pressure	Date Tested (MM DD YY)	Name of Test Witness - State if Conservation Agent or Offset Operator
			From	To					
16"				181	Driven				
10-3/4	14-3/4	40.5		3520	1570	1500	.5	4-5-88	
7"	9-7/8	26/29		13028	2500	2500	.5	6-12-88	Paul Bittle

TUBING SIZE 2-3/8 DEPTH OF TUBING 10,813 DEPTH OF PACKER(S) 10,784

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION
4

GAS VOLUME
1000

GOR
250,000

CHOKE SIZE
8 /64"

PRODUCING METHOD
Flowing

FLOWING TUBING PRESSURE
3000

SHUT-IN TUBING PRESSURE
3550

CASING PRESSURE
3300

WATER PRODUCTION
50

BS&W

GRAVITY
38.8

BHP (SHUT-IN)
5844 (est)

COMPANY REPRESENTATIVE

DATE GAUGED
12-14-96

PLUG AND ABANDON (P & A) DATA

Casing Size	Amount Pulled	Cement Plugs				Date Work Performed	Name of Test Witness - State if Conservation Agent or Offset Operator
		From	To	Sacks	How Placed		

RECEIVED
JAN 15 1997

CERTIFICATE: I, the undersigned, state that I am employed by Vintage Petroleum, and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: *Rebecca Sanford* Title: Regulatory Specialist

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc., the well has been shut-in.

01/07/97 Rebecca Sanford

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#1473-96	9-30-96		RIH w/7" TTBP set @ 11,420'
	10-01-96		Dump bailed 5-1/2' cmt on plug
	10-03-96		Tag vent tube @ 11,406'. Closed vent Dump bailed 15.5' cmt on plug. Total of 20' cmt on plug.
	10-04-96		Unable to tag cmt plug. TIH set plug @ 11,390' w/5.5' cmt. WO cmt to cure.
	10-05-96		Dump bailed 10' cmt. Cement not stacking up on plug.
	10-09-96		Dumped bailed bead material from 11,380'-11,377'.
	10-10-96		Tag top of beads @ 11,377'. Dumped 9' cmt on plug.
	10-11-96		Tag TOC @ 11,344. Dumped 10' cmt.
	10-14-96		Tag TOC @ 11,328'. Open well. Plug not holding.
	10-15-96		Shut well in to stabilize.
	10-27-96		Location began flooding. WO water to recede.
	11-23-96		Perf from 11,257'-11,259'; 11,218'-11,220'; 11,192'-11,198'.
	11-24-96		Turned well to production. Well loaded up. Shut well in
	L#2188-96	12-4-96	
12-5-96			Dumped bailed 6' cmt on plug.
12-6-96			Dump bailed 12' cmt on plug.
12-9-96			Tag TOC @ 11,134'. Perf from 11,046'-11,048'
12-11-96			Test well. Turned well to production.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

...\$105.00

208011 SERIAL NO DATE 12/17/97 EFFECTIVE 11/01/97

CURRENT CODES

012 PARISH	CAMERON	DISTRICT LAFAYETTE
3000 FIELD	CRAB LAKE	
2693 OPERATOR	HILLIARD PETROLEUM INC.	
2 PRODUCT	401 EDWARDS STREET	
LN000045 MA	SUITE 200	
	SHREVEPORT, LA	71101

3-208011 WELL NAME	ESTATE OF M O MILLER MD	NO. 002
LOCATION OF WELL	SEC 020 T 15S R 05W	
FORMER OPERATOR NAME:	VINTAGE PETROLEUM, INC.	6213

APPLICABLE OFFICE OF CONSERVATION ORDER 29B

WARREN A. FLEET

TODD KEATING

COMMISSIONER

ISSUING AUTHORITY

WELL FILE

RECEIVED

STATE OF LOUISIANA
OFFICE OF CONSERVATION

DEC 21 1998

29-E COMPLIANCE YES NO
29-E UNIT ATTACHED YES NO

WELL COMPLETION OR RECOMPLETION REPORT

Lafayette District Office

D.O.C. USE ONLY

DISTRICT Lafayette

CODE NUMBERS:

DATE 12-16-98

1 - ON SHORE
3 - OFF-SHORE
SEC. 20 T 15S R 05W

012 PARISH Cameron
3000 FIELD Crab Lake
2693 OPERATOR Hilliard Petroleum Inc.
208011 WELL NAME Estate of M O Miller MD NO. 2 SERIAL NO. 208011
RESERVOIR CH-1 Sand

07/29/98 8:00
COMPLETION DATE TIME
AM PM

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES NO X

REMARKS: Unsuccessful Recompletion

COMPLETION DATA:

* TYPE COMPLETION PRIMARY PRODUCT PRIMARY PRODUCT CHANGE:? PRODUCING METHOD STATUS OF WELL
2 1 - ORIG. COMP. 2 - RE-COMP. N/A 1 - OIL 2 - GAS 3 - DRY GAS N/A 1 - YES 2 - NO N/A F - FLOWING GL - GAS LIFT P - PUMPING 3 3 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY SAME RESERVOIR DIFFERENT RESERVOIR X

N/A BOPD N/A MCF/DAY N/A PSIG N/A PSIG N/A PSIG
INITIAL PROD. GAS VOLUME FLOWING TUBING PRESSURE SHUT - IN TUBING PRESSURE CASING PRESSURE

N/A /64" N/A 1 - POSITIVE 2 - ADJUST N/A BPD N/A % N/A CF/BBL N/A API AT 60 F
CHOKE SIZE WATER PROD. BS & W GOR GRAVITY

PERFORATIONS 11,196-200' TOTAL DEPTH 13,062'

Office of Conservation
Well Files
Baton Rouge, LA

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR N/A BBLs. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OR ORDER 29-B ON REVERSE SIDE).

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITH-IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

Suzelyn Strodelemos
SIGNATURE
Hilliard Petroleum Inc.
OPERATOR
Agent
TITLE



RECEIVED
DEC 21 1998

OFFICE OF CONSERVATION
 Lafayette District Office
 WELL HISTORY AND WORK RESUME REPORT

FIELD
 CRAB LAKE

SERIAL NO.
 208011

PRODUCING INTERVAL
 Unsuccessful (11,196-200')

RESERVOIR (COMPANY SAND IDENTIFICATION)
 Unsuccessful CH-1 Sand

Three typewritten copies of this report must be filed with the District Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

NEW WELL
 RECOMPLETION
 P & A

31 INACTIVE DRY HOLE FUT. UTIL.
 32 INACTIVE DRY HOLE NO FUT. UTIL.
 36 INACTIVE WAITING ON PIPELINE
 37 INACTIVE WAITING ON MARKET

PRODUCT
 OIL
 GAS
 OTHER

IF RECOMPLETION
 SAME RESERVOIR
 DIFFERENT RESERVOIR

DATE COMP. RECOMP. OR P&A M D Y
 07-29-98

OPERATOR
 Hilliard Petroleum Inc.

CODE
 2693

ADDRESS
 401 Edwards, Suite 2000
 Shreveport, LA 71101-3160

WELL NAME
 Estate of M O Miller MD

WELL NO
 No. 2

PARISH
 Cameron

SEC 20 TWP. 15S RGE. 05W

DATE PERMIT ISSUED
 8-20-96 / 12-23-96

DATE SPUDDED
 M D Y
 4-02-88

DATE READY TO PRODUCE*
 N/A

TOTAL DEPTH
 13,062'

PBTD
 11,236'

GROUND ELEVATION
 +1.5'

CASING HEAD FLANGE ELEVATION
 1.5'

DISTANCE FROM RKB TO CHF
 23.0'

DATE WELL TURNED INTO TANKS
 N/A

SINGLE, DUAL, OR TRIPLE COMPLETION?
 N/A

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?
 Yes

WAS DIRECTIONAL SURVEY MADE?
 Yes

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?
 Yes

DATE FILED
 w/Original report

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)

DATE FILED

CASING, LINER AND TUBING RECORD

C	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET		SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
				FROM	TO					
101	Same	as	before							
102										
103										
104										
105										

TUBING SIZE: 2-3/8" DEPTH OF TUBING: 11,128' DEPTH OF PACKER(S): Baker "FH" Pkr @ 11,099'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION
 N/A

GAS VOLUME
 BOPD N/A

GOR
 MCF/DAY N/A

CHOKE SIZE
 CF/BBL N/A /64"

PRODUCING METHOD
 N/A

FLOWING TUBING PRESSURE
 N/A psig

SHUT-IN TUBING PRESSURE
 N/A psig

CASING PRESSURE
 N/A

WATER PRODUCTION
 N/A BPD

BSSW
 N/A %

GRAVITY
 N/A °API @ 60°F

BHP (SHUT-IN)
 N/A psig

COMPANY REPRESENTATIVE
 N/A

DATE GAUGED
 N/A

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS				DATE WORKED PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
		FROM	TO	SACKS	HOW PLACED		

DEC 30 1998
 Office of Conservation
 Well Files
 Baton Rouge, LA

CERTIFICATE: I, the undersigned, state: That I am employed by Hilliard Petr. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: *[Signature]* TITLE: Agent

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#998-98	07-17-98	LA Swab Rig	Drill out TTBP @ 11,180'
"	07-21-98	HTS Wireline	Set CIBP @ 11,246' & perf for cmt squeeze w/3-3/8" csg gun, 4 SPF @ 11,046-48', 11,194-200', & 11218-20'. Set cmt retainer @ 11,020'. Squeeze perfs 11,043-45', 11,191-97' & 11,215-17' w/150 sxs cmt.
"	07-22-98		
"	07-29-98	Apex Wireline	Perf CH-1 Sand @ 11,196-200' DIL, 4 SPF, w/ 3-1/8" csg gun. CH-1 Oil Sand Recompletion Unsuccessful

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH
9300' Sand	9,301'	CH-2 Sand	11,260'
9700' Sand	9,660'		
9900' Sand	9,952'		
Cris A-1 Sand	10,944'		
Cris A-2 Sand	11,043'		
CH-1 Sand	11,195'		
CH-1A Sand	11,218'		

STATE OF LOUISIANA
OFFICE OF CONSERVATION

29-E COMPLIANCE YES NO
29-E UNIT ATTACHED YES NO

RECEIVED

DEC 21 1998

WELL COMPLETION OR RECOMPLETION REPORT

D.O.C. USE ONLY

CODE NUMBERS:

012

3000

2693

208011

DATE 12-16-98 **DEC 30 1998**
 District Office: Lafayette DISTRICT Lafayette
 PARISH Cameron
 FIELD Crab Lake Office of Conservation
 OPERATOR Hilliard Petroleum Inc. Well Files
 WELL NAME Estate of M O Miller MD NO. 2 SERIAL NO. 208011
 RESERVOIR Chris-A-2 COMPLETION DATE 08/11/98 TIME 8:30
 SEC. 1 20 T 15S R 05W
 DOC ORDER NO. _____
 AM PM

IMPORTANT:

IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN

YES NO

REMARKS: Unsuccessful recompletion

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE:?	PRODUCING METHOD	STATUS OF WELL
<input type="checkbox"/> 1 - ORIG. COMP. <input checked="" type="checkbox"/> 2 - RE-COMP.	<u>2</u> <input type="checkbox"/> 1 - OIL <input type="checkbox"/> 2 - GAS <input type="checkbox"/> 3 - DRY GAS	<input type="checkbox"/> 1 - YES <input checked="" type="checkbox"/> 2 - NO	<input type="checkbox"/> F - FLOWING <input type="checkbox"/> GL - GAS LIFT <input type="checkbox"/> P - PUMPING	<input type="checkbox"/> 3 <input type="checkbox"/> 3 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY SAME RESERVOIR DIFFERENT RESERVOIR

<u>N/A</u> BOPD INITIAL PROD.	<u>N/A</u> MCF/DAY GAS VOLUME	<u>N/A</u> PSIG FLOWING TUBING PRESSURE	<u>N/A</u> PSIG SHUT - IN TUBING PRESSURE	<u>N/A</u> PSIG CASING PRESSURE
<u>N/A</u> /64" <input type="checkbox"/> 1 - POSITIVE 2 - ADJUST	<u>N/A</u> BPD WATER PROD.	<u>N/A</u> % BS & W	<u>N/A</u> CF/BBL GOR	<u>N/A</u> API AT 60 F GRAVITY

PERFORATIONS 11,044-47' TOTAL DEPTH 13,062'

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR N/A BBLs. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OR ORDER 29-B ON REVERSE SIDE).

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

INSTRUCTIONS

(THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITH-IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).)

Evelyn Strovalemos
 SIGNATURE
Hilliard Petroleum Inc.
 OPERATOR
Agent
 TITLE



RECEIVED
DEC 21 1998

OFFICE OF CONSERVATION District Office

WELL HISTORY AND WORK RESUME REPORT

FIELD: CRAB LAKE
 SERIAL NO: 208011
 PRODUCING INTERVAL: Unsuccessful (11,044-47')
 RESERVOIR (COMPANY SAND IDENTIFICATION): Unsuccessful Chris-A-2 Sand

Three typewritten copies of this report must be filed with the District Office of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

<input type="checkbox"/> NEW WELL	<input checked="" type="checkbox"/> 31 INACTIVE DRY HOLE NO FUT. UTIL	PRODUCT	<input type="checkbox"/> SAME RESERVOIR	DATE COMP. RECOMP. CR P&A M D Y
<input checked="" type="checkbox"/> RECOMPLETION	<input type="checkbox"/> 32 INACTIVE DRY HOLE NO FUT. UTIL	<input type="checkbox"/> OIL	<input type="checkbox"/> DIFFERENT RESERVOIR	08-11-98
<input type="checkbox"/> P & A	<input type="checkbox"/> 36 INACTIVE WAITING ON PIPELINE	<input checked="" type="checkbox"/> GAS		
	<input type="checkbox"/> 37 INACTIVE WAITING ON MARKET	<input type="checkbox"/> OTHER		

OPERATOR: Hilliard Petroleum Inc. CODE: 2693 ADDRESS: 401 Edwards, Suite 2000 Shreveport, LA 71101-3160

WELL NAME: Estate of M O Miller MD WELL NO: No. 2

PARISH: Cameron SEC. 20 TWP 15S RGE. 05W DATE PERMIT ISSUED: 8-20-96 / 12-23-96

DATE SPUNDED: 4-02-88 DATE READY TO PRODUCE: N/A TOTAL DEPTH: 13,062' PBTD: 11,140'

GROUND ELEVATION: +1.5' CASING HEAD FLANGE ELEVATION: 1.5' DISTANCE FROM R&B TO CHF: 23.0'

DATE WELL TURNED INTO TANKS: N/A SINGLE, DUAL, OR TRIPLE COMPLETION?: N/A NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED? Yes WAS DIRECTIONAL SURVEY MADE? Yes WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION? Yes DATE FILED: w/Original report

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION): DATE FILED:

CASING, LINER AND TUBING RECORD

Casing Size	Hole Size	Casing Weight	Depth Set		Sacks Cement	Test Pressure	Hours Under Pressure	Date Tested (MM DD YY)	Name of Test Witness - State if Conservation Agent or Offset Operator
			From	To					
101	Same	as	before						
102									
103									
104									
105									

TUBING SIZE: 2-3/8" DEPTH OF TUBING: 10,917' DEPTH OF PACKER(S): Baker "FH" Pkr @ 10,889'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: N/A GAS VOLUME: N/A GOR: N/A C/O/S SIZE: N/A PRODUCING METHOD: N/A

FLOWING TUBING PRESSURE: N/A SHUT-IN TUBING PRESSURE: N/A CASING PRESSURE: N/A WATER PRODUCTION: N/A BS&W: N/A

GRAVITY: N/A BHP (SHUT-IN): N/A COMPANY REPRESENTATIVE: N/A DATE GAUGED: N/A

PLUG AND ABANDON (P&A) DATA

Casing Size	Amount Pulled	Cement Plugs				Date Worked Performed	Name of Test Witness - State if Conservation Agent or Offset Operator
		From	To	Sacks	How Placed		

CERTIFICATE: I, the undersigned, state: That I am employed by Hilliard Petr. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: *Edelyn D. Ardema* Title: Agent

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#998-98	07-17-98	LA Swab Rig	Drill out TTBP @ 11,180'
"	07-21-98	HTS Wireline	Set CIBP @ 11,246' & perf for cmt squeeze w/3-3/8" csg gun, 4 SPF @ 11,046-48', 11,194-200', & 11218-20'. Set cmt retainer @ 11,020'. Squeeze perfs 11,043-45', 11,191-97' & 11,215-17' w/150 sxs cmt.
"	07-22-98		
"	07-29-98	Apex Wireline	Perf CH-1 Sand @ 11,196-200' DIL, 4 SPF, w/ 3-1/8" csg gun. CH-1 Oil Sand Recompletion Unsuccessful
L#1159-98	08-10-98	Apex Wireline	Set CIBP @ 11,150' w/10' cmt.
"	08-11-98		Perf Cris A-2 Sand @ 11,044-47' DIL, 4 SPF w/ 3-1/8" csg gun. Chris A-2 Sand Recompletion Unsuccessful

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH
9300' Sand	9,301'	CH-2 Sand	11,260'
9700' Sand	9,660'		
9900' Sand	9,952'		
Cris A-1 Sand	10,944'		
Cris A-2 Sand	11,043'		
CH-1 Sand	11,195'		
CH-1A Sand	11,218'		

STATE OF LOUISIANA
OFFICE OF CONSERVATION

29-E COMPLIANCE	<u>YES</u>	<u>NO</u>
29-E UNIT ATTACHED	<u>YES</u>	<u>NO</u>
D.O.C. USE ONLY		

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

CODE NUMBERS:

DATE 11-19-98

1 - ON SHORE
 1 - OFF-SHORE
SEC. 20 T 15S R 05W

012 ✓
3000 ✓
2693 ✓
208011 ✓

PARISH Cameron
FIELD Crab Lake
OPERATOR Hilliard Petroleum Inc.
WELL NAME Estate of M O Miller MD
RESERVOIR 9700' Sand

JAN 15 1999
Office of Conservation
Well Files
Baton Rouge, LA

DOC ORDER NO. 29-B

NO. 2 SERIAL NO. 208011

11-18-98 COMPLETION DATE TIME AM PM

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES NO

REMARKS: N/A

COMPLETION DATA:

* TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE:?	PRODUCING METHOD	STATUS OF WELL
<input checked="" type="checkbox"/> 1 - ORIG. COMP. <input type="checkbox"/> 2 - RE-COMP.	<input checked="" type="checkbox"/> 1 - OIL <input type="checkbox"/> 2 - GAS <input type="checkbox"/> 3 - DRY GAS	<input checked="" type="checkbox"/> 1 - YES <input type="checkbox"/> 2 - NO	<input type="checkbox"/> F - FLOWING <input type="checkbox"/> GL - GAS LIFT <input type="checkbox"/> P - PUMPING	<input type="checkbox"/> 3 <input type="checkbox"/> 6 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY SAME RESERVOIR DIFFERENT RESERVOIR

12 BOPD INITIAL PROD. 600 MCF/DAY GAS VOLUME 3040 PSIG FLOWING TUBING PRESSURE 4650 (est) PSIG SHUT - IN TUBING PRESSURE 0 PSIG CASING PRESSURE

7 / 64" CHOKE SIZE 1 - POSITIVE
 2 - ADJUST 0 BPD WATER PROD. 0 % BS & W 50,000 CF/BBL GOR 53.6 API AT 60 F GRAVITY

PERFORATIONS 9,669-9,676 DIL TOTAL DEPTH 13,062

CLEARANCE & CERTIFICATION: 2216 MCF

11/18-22/98
ADDITIONAL CLEARANCE IS REQUESTED FOR 36.1
BBLs. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OR ORDER 29-B ON REVERSE SIDE).
RECEIVED per Kim Mullings

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

NOV 30 1998

LAFAYETTE INSTRUCTIONS OFFICE OF CONSERVATION

(THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITH-IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).)

Evelyn Stredlema
SIGNATURE
Hilliard Petroleum Inc.
OPERATOR
Agent
TITLE



JAN 15 1999

Office of Conservation
Well Files
3rd and 4th Floor
Baton Rouge, LA

OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD

CRAB LAKE

RECEIVED

SERIAL NO.

208011

NOV 30 1998

PRODUCING INTERVAL

9,669-9,676'

LAFAYETTE DISTRICT OFFICE
OF CONSERVATION

RESERVOIR (COMPANY SAND IDENTIFICATION)

9700' Sand

Three typewritten copies of this report must be filed with the District Office of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

- NEW WELL
- RECOMPLETION
- P & A

- 31 INACTIVE DRY HOLE FUT. UTIL
- 32 INACTIVE DRY HOLE NO FUT. UTIL
- 36 INACTIVE WAITING ON PIPELINE
- 37 INACTIVE WAITING ON MARKET

PRODUCT

- OIL
- GAS
- OTHER

IF RECOMPLETION

- SAME RESERVOIR
- DIFFERENT RESERVOIR

DATE COMP.
RECOMP
OR P&A
M D Y

11-18-98

OPERATOR

Hilliard Petroleum Inc.

CODE 2693

ADDRESS 401 Edwards, Suite 2000
Shreveport, LA 71101-3160

WELL NAME

Estate of M O Miller MD

WELL NO

No. 2

PARISH

Cameron

SEC. 20 TWP 15S RGE. 05W

DATE PERMIT ISSUED

8-20-96 / 12-23-96

DATE SPUNDED

M D Y
4-02-88

DATE READY TO PRODUCE*

11-18-98

TOTAL DEPTH

13,062'

PBTD

11,010'

GROUND ELEVATION

+1.5'

CASING HEAD FLANGE ELEVATION

+25'

DISTANCE FROM RKB TO CHF

12.0'

DATE WELL TURNED INTO TANKS

N/A

SINGLE, DUAL, OR TRIPLE COMPLETION?

Single

NOTE: IF THIS IS A MULTIPLE COMPLETION,
FURNISH A SEPARATE REPORT FOR
EACH COMPLETION

WAS WELL DIRECTIONALLY
DRILLED?

Yes

WAS DIRECTIONAL SURVEY MADE?

Yes

WERE 3 COPIES FILED WITH THE
OFFICE OF CONSERVATION?

Yes

DATE FILED

w/Original report

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)

DATE FILED

CASING, LINER AND TUBING RECORD

●	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET		SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
				FROM	TO					
101	Same	as	before							
102										
103										
104										
105										

● TUBING SIZE 2-3/8" ● DEPTH OF TUBING: 9,601' ● DEPTH OF PACKER(S) Elder 58-32 "E-1" Permanent Pkr @ 9,583'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
12 BOPD	600 MCF/DAY	50,000 CF/BBL	7 /64"	Flowing
FLOWING TUBING PRESSURE 3040 psig	SHUT-IN TUBING PRESSURE 3378 psig	CASING PRESSURE -0-	WATER PRODUCTION -0- BPD	BS&W 0 %
GRAVITY 53.6 °API @ 60°F	BHP (SHUT-IN) 4650# (est) psig	COMPANY REPRESENTATIVE Kim Mullings	DATE GAUGED 11/18/98	

PLUG AND ABANDON (P&A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS				DATE WORKED PERFORMED	NAME OF TEST WITNESS-STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
		FROM	TO	SACKS	HOW PLACED		

CERTIFICATE: I, the undersigned, state: That I am employed by Hilliard Petr. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: *Eileen D. ...* Title: Agent

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#998-98	07-17-98	LA Swab Rig	Drill out TTBP @ 11,180'
"	07-21-98	HTS Wireline	Set CIBP @ 11,246' & perf for cmt squeeze w/3-3/8" csg gun. 4 SPF @ 11,046-48', 11,194-200', & 11218-20'. Set cmt retainer @ 11,020'. Squeeze perfs 11,043-45', 11,191-97' & 11,215-17' w/150 sxs cmt.
"	07-22-98		
"	07-29-98	Apex Wireline	Perf CH-1 Sand @ 11,196-200' DIL, 4 SPF, w/ 3-1/8" csg gun. CH-1 Oil Sand Recompletion Unsuccessful
L#1159-98	08-10-98	Apex Wireline	Set CIBP @ 11,150'
"	08-11-98		Perf Cris A-2 Sand @ 11,044-47' DIL, 4 SPF w/ 3-1/8" csg gun. Chris A-2 Sand Recompletion Unsuccessful
L#1225-98	11-03-98	Apex Wireline	Set CIBP @ 11,010' w/ 10' cmt on top.
	11-05-98		Perf 9700' Sand @ 9,669-76' DIL.

List below all Important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH
9300' Sand	9,301'	CH-2 Sand	11,260'
9700' Sand	9,660'		
9900' Sand	9,952'		
Cris A-1 Sand	10,944'		
Cris A-2 Sand	11,043'		
CH-1 Sand	11,195'		
CH-1A Sand	11,218'		

RECEIVED

JAN 26 1999
Office of Conservation
Well Files
Baton Rouge, LA

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

JAN 25 1999

OFFICE OF CONSERVATION

LAfAYETTE, LOUISIANA

District Lafayette
Field Crab Lake 3000
Parish Cameron 012
Operator Hilliard Petroleum Inc Code 2693
Sec. 20 TWP. 155 RGE. 05W Test Date 01 1 21 199
12 Mo. Day Yr.

INPUT TYPE
1 - OC Only
2 - Original
3 - Correction
2
11

TYPE OF WELL TYPE OF TEST PRODUCING METHOD
2 1-OIL 2 1-COMPLETION F F-FLOWING
18 2-GAS 19 2-RECOMPLETION 20 P-PUMPING
19 3-RETEST 20 G-GASLIFT

WELL SERIAL NO.	WELL NAME	WELL NO.	NAME OF RESERVOIR
<u>208011</u>	<u>M.O. Miller</u>	<u>2</u>	<u>9700 SAND</u>

TOTAL DEPTH	PERFORATED INTERVAL FROM	PERFORATED INTERVAL TO	CHOKE /64"	OIL BBL/DAY	COND. BBL/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
<u>12062</u>	<u>9669</u>	<u>9676</u>	<u>7/64</u>		<u>32</u>	<u>1.0</u>	<u>26875</u>

API GRAV. @ 60° F.	WATER BBL/DAY	BS & W %	FLOWING PRES. (PSIG)	CASING PRES. (PSIG)	DATE OF COMPLETION MO.	DATE OF COMPLETION DAY	DATE OF COMPLETION YR.
<u>53.2</u>	<u>0</u>		<u>2650</u>	<u>20#</u>	<u>11</u>	<u>18</u>	<u>98</u>

CLOSE TANK / METER GAUGE 10-10 @ 10:00 AM TIME
OPEN TANK / METER GAUGE 10-4 @ 10:00 AM TIME
DIFFERENCE _____ in 2 1/4 HOURS
TANK / METER NO. _____ TANK COEF. 5.97

STATIC PRES. 990 DIFFERENTIAL PRES. 43 LINE SIZE 2"
PLATE SIZE 1875 COEFFICIENT 4.91 METER SPRING & DIFF. RANGE 1500/100
REMARKS MAKE Allowable effective 12-17-98

Discussed This Well with Miss Linda Trahan about inaccurate information a Recompletion.

WITNESSED BY R.W. Searles GAUGED BY Lee Harrison
TITLE CEA II TITLE _____

RECEIVED

STATE OF LOUISIANA
OFFICE OF CONSERVATION

29-E COMPLIANCE YES NO
29-E UNIT ATTACHED YES NO

JAN 07 2000

OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT

D.O.C. USE ONLY

DISTRICT Lafayette

1 - ON SHORE
3 - OFF-SHORE

1
SEC. 20 T 15S R 05W

DOC ORDER NO. 29B

CODE NUMBERS:

DATE 01-04-00

012 ✓ PARISH Cameron
3000 ✓ FIELD Crab Lake
2693 ✓ OPERATOR Hilliard Petroleum Inc.
208011 ✓ WELL NAME Estate of M O Miller MD
RESERVOIR 9300' Sand ✓

NO. 2 SERIAL NO. 208011

12-30-99 COMPLETION DATE TIME 1:30 AM PM

IMPORTANT: IS A FORM MD-10-R-A BEING FILED WITH THIS REPORT? IF NO, EXPLAIN YES NO

REMARKS: N/A

COMPLETION DATA:

* TYPE COMPLETION 2 1 - ORIG. COMP. 2 - RE-COMP. PRIMARY PRODUCT 2 1 - OIL 2 - GAS 3 - DRY GAS PRIMARY PRODUCT CHANGE:? 2 1 - YES 2 - NO PRODUCING METHOD F F - FLOWING GL - GASLIFT P - PUMPING STATUS OF WELL 1 0 SEE REVERSE SIDE FOR CODE

* IF THIS IS A RE-COMPLETION SPECIFY SAME RESERVOIR DIFFERENT RESERVOIR

32 BOPD INITIAL PROD. 600 MCF/DAY GAS VOLUME 3200 PSIG FLOWING TUBING PRESSURE (est) 0 PSIG SHUT - IN TUBING PRESSURE CASING PRESSURE 5 /64" CHOKE SIZE 2 1 - POSITIVE 2 - ADJUST 0 BPD WATER PROD. 0 % BS & W 18,750 CF/BBL GOR 21.9 API AT 60

PERFORATIONS 9,301-9,305' DIL

CLEARANCE & CERTIFICATION:

ADDITIONAL CLEARANCE IS REQUESTED FOR _____ BBLs. OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OR ORDER 29-B ON REVERSE SIDE).

CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

INSTRUCTIONS

(THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITH-IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).)

Stephyn Strodel
SIGNATURE

Hilliard Petroleum Inc.

OPERATOR

Agent

TITLE

RECEIVED
DEPT OF CONSERVATION
WELL RECORDS
ATON
JAN 3 10:18 AM '00
062



RECEIVED

JAN 07 2000

OFFICE OF CONSERVATION
LAFAYETTE DISTRICT
WELL HISTORY AND WORK RESUME REPORT

FIELD: CRAB LAKE
 SERIAL NO.: 208011
 PRODUCING INTERVAL: 9.301-9.305'
 RESERVOIR (COMPANY SAND IDENTIFICATION): 9300' Sand
 RECEIVED DEPT OF CONSERVATION WELL RECORDS BATON ROUGE, LA
 2000 JAN 13 AM 10:18

Three typewritten copies of this report must be filed with the District Office of Conservation in which the well is located within twenty (20) days of the date of completion. NOTE: If not properly completed and signed this report will be returned.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

NEW WELL
 RECOMPLETION
 P & A

31 INACTIVE DRY HOLE FUT. UTIL.
 32 INACTIVE DRY HOLE NO FUT. UTIL.
 36 INACTIVE WAITING ON PIPELINE
 37 INACTIVE WAITING ON MARKET

PRODUCT: OIL, GAS, OTHER

IF RECOMPLETION: SAME RESERVOIR, DIFFERENT RESERVOIR

DATE COMP. RECOMP. OR P&A M D Y: 12-30-99

OPERATOR: Hilliard Petroleum Inc.
 CODE: 2693
 ADDRESS: 401 Edwards, Suite 2000 Shreveport, LA 71101-3160

WELL NAME: Estate of M O Miller MD
 WELL NO: No. 2

PARISH: Cameron
 SEC. 20 TWP. 15S RGE 05W
 DATE PERMIT ISSUED: 8-20-96 / 12-23-96

DATE SPUNDED: 4-02-88
 DATE READY TO PRODUCE: 12-30-99
 TOTAL DEPTH: 13,062'
 PBTD: 9570'

GROUND ELEVATION: +1.5'
 CASING HEAD FLANGE ELEVATION: +25'
 DISTANCE FROM RKB TO CHF: 12.0'

DATE WELL TURNED INTO TANKS: N/A
 SINGLE, DUAL, OR TRIPLE COMPLETION?: Single
 NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED? Yes
 WAS DIRECTIONAL SURVEY MADE? Yes
 WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION? Yes
 DATE FILED: w/Original report

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)
 DATE FILED

CASING, LINER AND TUBING RECORD

Casing Size	Hole Size	Casing Weight	Depth Set		Sacks Cement	Test Pressure	Hours Under Pressure	Date Tested (MM DD YY)	Name of Test Witness - State if Conservation Agent or Offset Operator
			From	To					
16"	Driven		0	181	Conductor	Pipe			
10-3/4"	14-3/4"	40.5	0	3520	1570	1500	1/2	04-05-88	
7"	9-7/8"	26/29	0	13,028	2500	2500	1/2	06-12-88	Paul Bittle

TUBING SIZE: 2-3/8"
 DEPTH OF TUBING: 9,185'
 DEPTH OF PACKER(S): Elder "FH" Hydraulic Pkr @ 9,165'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: 32 BOPD
 GAS VOLUME: 600 MCF/DAY
 GOR: 18,750 CF/BBL
 CHIOKE SIZE: 5 /64"
 PRODUCING METHOD: Flowing

FLOWING TUBING PRESSURE: 3200 psig
 SHUT-IN TUBING PRESSURE: 3350# psig
 CASING PRESSURE: -0-
 WATER PRODUCTION: -0- BPD
 BS&W: 0 %

GRAVITY: 44.9 °API @ 60°F
 BHP (SHUT-IN): 4000# (est) psig
 COMPANY REPRESENTATIVE: Kim Mullings
 DATE GAUGED: 12/30/98

PLUG AND ABANDON (P&A) DATA

Casing Size	Amount Pulled	Cement Plugs				Date Worked Performed	Name of Test Witness - State if Conservation Agent or Offset Operator
		From	To	Sacks	How Placed		

CERTIFICATE: I, the undersigned, state: That I am employed by Hilliard Petr. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature: *Swidgen A. P. Williams* Title: Agent 1/4/00

*Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#998-98	07-17-98	LA Swab Rig	Drill out TTBP @ 11,180'
"	07-21-98	HTS Wireline	Set CIBP @ 11,246' & perf for cmt squeeze w/3-3/8" csg gun, 4 SPF @ 11,046-48', 11,194-200', & 11,218-20'. Set cmt retainer @ 11,020'. Squeeze perfs 11,043-45', 11,191-97' & 11,215-17' w/150 SXS cmt.
"	07-22-98		
"	07-29-98	Apex Wireline	Perf CH-1 Sand @ 11,196-200' DIL. 4 SPF. w/ 3-1/8" csg gun. CH-1 Oil Sand Recompletion Unsuccessful
L#1159-98	08-10-98	Apex Wireline	Set CIBP @ 11,150'
"	08-11-98		Perf Cris A-2 Sand @ 11,044-47' DIL, 4 SPF w/ 3-1/8" csg gun. Chris A-2 Sand Recompletion Unsuccessful
L#1225-98	11-03-98	Apex Wireline	Set CIBP @ 11,010' w/ 10' cmt on top.
	11-05-98		Perf 9700' Sand @ 9,669-76' DIL.
L#1504-99	12-29-99	HTS Wireline	Set 7" CIBP @ 9,580' w/ 10' cmt on top.
	12-30-99	HTS Wireline	Perf 9300' Sand @ 9,301-05' DIL.

List below all Important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH
9300' Sand	9,301'	CH-2 Sand	11,260'
9700' Sand	9,660'		
9900' Sand	9,952'		
Cris A-1 Sand	10,944'		
Cris A-2 Sand	11,043'		
CH-1 Sand	11,195'		
CH-1A Sand	11,218'		

RECEIVED
DEPT OF CONSERVATION
WELL RECORDS
BATON ROUGE, LA

2000 JAN 13 AM ID: 19

Well: Estate of M O Miller MD #2

Field: Crab Lake

Drawn By: Kim Mullings

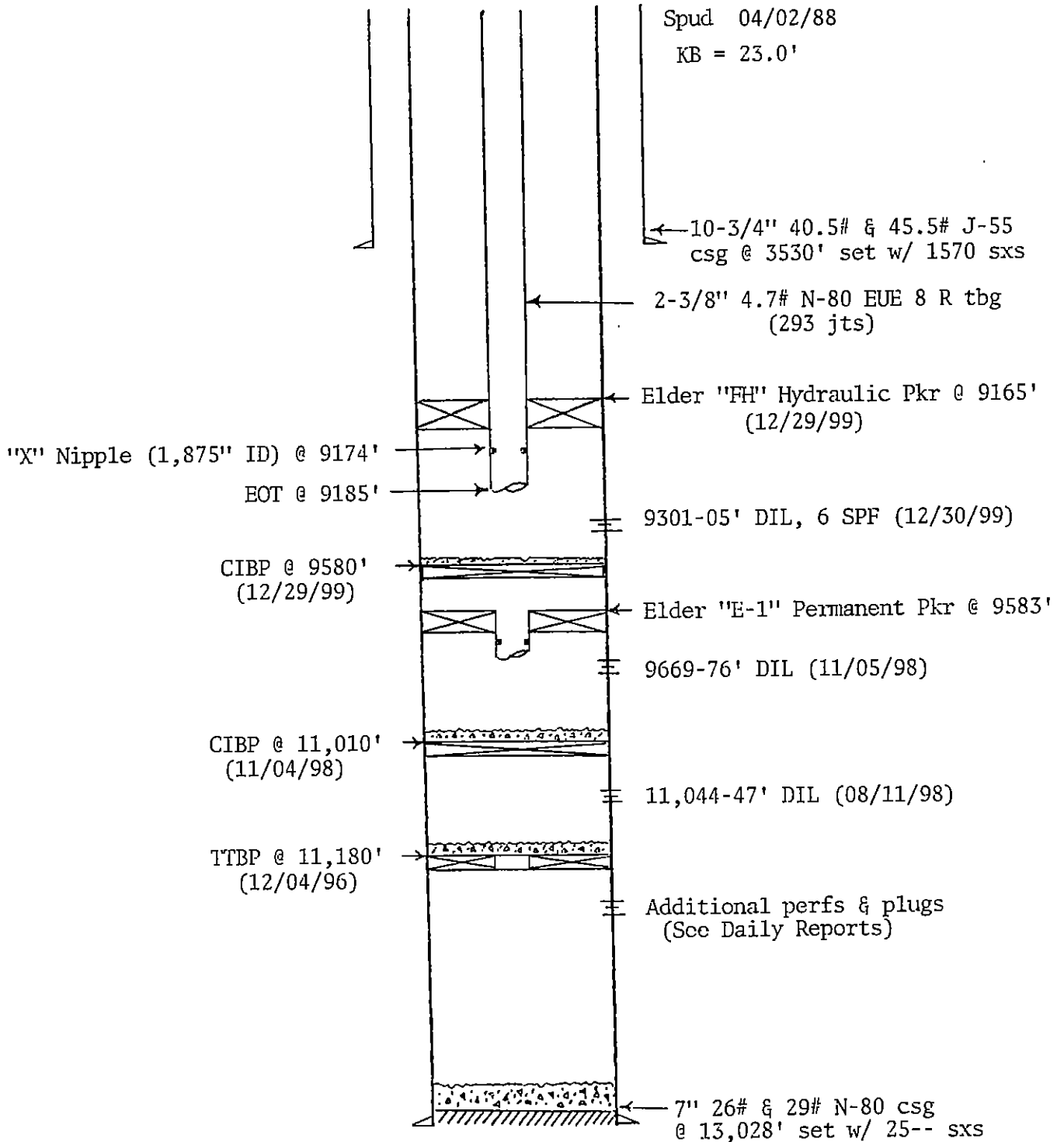
Date: 01/04/00

S# 208011

RECEIVED

JAN 07 2000

OFFICE OF CONSERVATION
LAFAYETTE DISTRICT



TD: 13,062'

RECEIVED

JAN 24 2000

OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

RECEIVED
DEPT OF CONSERVATION
WELL RECORDS
BATON ROUGE, LA

STATE OF LOUISIANA
OFFICE OF CONSERVATION

LOUISIANA STATE POTENTIAL REPORT

2000 JAN 25 AM 10:58

District Lafayette INPUT TYPE
 Field Crab Lake 3000 1 - OC Only
 Parish Cameron 012 2 - Original
 Operator Hilliard Petroleum Inc Code 2693 11 3 - Correction
 Sec. 20 TWP. 155 RGE. 05W Test Date 01 / 21 / 2000
 12 Mo. Day Yr.

TYPE OF WELL

TYPE OF TEST

PRODUCING METHOD

1-OIL
 2-GAS
 18

1-COMPLETION
 2-RECOMPLETION
 3-RETEST
 19

F-FLOWING
 P-PUMPING
 G-GASLIFT
 20

WELL SERIAL NO.	WELL NAME	WELL NO.	NAME OF RESERVOIR
208011	Estate of M.O. Miller MD	2	9300 Sand

TOTAL DEPTH	PERFORATED INTERVAL FROM	PERFORATED INTERVAL TO	CHOKE /64"	OIL BBLs/DAY	COND. BBLs/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
13062	9301	9305	5/64		32.47	550	1694 / 1

API GRAV. @60°F.	WATER BBLs/DAY	BS&W %	FLOWING PRES. (PSIG)	CASING PRES. (PSIG)	DATE OF COMPLETION		
					MO.	DAY	YR.
44.7	0	0	2850	50	12	30	99

CLOSE TANK / METER GAUGE 3-5 @ 10 AM TIME
 OPEN TANK / METER GAUGE 2-11 @ 10 AM TIME
 DIFFERENCE 6" in 24 HOURS
 TANK / METER NO. 91822 TANK COEF. 5.41

STATIC PRES. 840 DIFFERENTIAL PRES. 14 LINE SIZE 2"
 PLATE SIZE 1875 COEFFICIENT 552 METER SPRING & DIFF. RANGE 1500/100
 REMARKS Well put on production 12-30-99

WITNESSED BY P. W. Garcia GAUGED BY Bill [Signature]
 TITLE CEA II TITLE _____

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

(CORRECTED)

208011 SERIAL NO.

DATE 10/25/2000

EFFECTIVE 01/01/2001

CURRENT CODE

12 PARISH CAMERON
3000 FIELD CRAB LAKE
2693 OPERATOR HILLIARD PETROLEUM INC.
20 PRODUCT 401 EDWARDS STREET
SUITE 2000
SHREVEPORT, LA 71101-0000

LAFAYETTE DISTRICT

7-302589 WELL NAME ESTATE OF M O MILLER MD
LOCATION OF WELL SEC 020 T 15S R 05W M W
FORMER WELL NAME:ESTATE OF M O MILLER MD 002 3-208011

NO. 002

APPLICABLE OFFICE OF CONSERVATION ORDERS:

PHILIP N. ASPRODITES

TODD KEATING

COMMISSIONER OF CONSERVATION

ISSUING AUTHORITY

WELL FILE

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

208011 SERIAL NO. DATE 04/17/2002 EFFECTIVE 04/01/2002
12 PARISH CAMERON DISTRICT LAFAYETTE
3000 FIELD CRAB LAKE
A112 OPERATOR ANDERSON EXPLORATION CO., INC.
20 PRODUCT P. O. BOX 1411
1632 HODGES STREET
LAKE CHARLES, LA 70602-1411

7-302589 WELL NAME ESTATE OF M O MILLER MD
LOCATION OF WELL SEC 020 T 15S R 05W M W
FORMER OPERATOR 2693 HILLIARD PETROLEUM INC.

NO. 002

INC. GAS

APPLICABLE OFFICE OF CONSERVATION ORDER 29B

Richard Hudson

DISTRICT MANAGER/DATE APR 17 2002

Tom Kates

ISSUING AUTHORITY/DATE

BATON ROUGE COPY

APR 23 2002

FOR OFFICE USE ONLY - NOT AN APPLICATION

State of Louisiana



M.J. "MIKE" FOSTER, JR.
GOVERNOR

JACK C. CALDWELL
SECRETARY

FELIX J. BOUDREAUX
COMMISSIONER OF CONSERVATION

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION
April 17, 2002

OFFICE OF CONSERVATION
ATTN: ✓ PERMIT SECTION
P. O. BOX 94275
BATON ROUGE, LA 70804-9275

Dear Mr. R T KEATING:

Enclosed herewith please find application for permit to amend the operator name from HILLIARD PETROLEUM, INC. (2693) to ANDERSON EXPLORATION CO., INC. (A112) in the CRAB LAKE (3000) Field(s), CAMERON (012) Parish(es).

See the attached list for well name and number, serial number, and product of each well being taken over by new operator.

Also enclosed is a copy of check number 2170 for \$234.00 *. INVOICE #290827, Transmittal Date: APRIL 16, 2002.

This check was deposited in the State Treasury Account at Bank One in Lafayette.

Effective date of this change is 04/01/2002.

NOTE: SEE OPERATOR'S LETTERS REGARDING SAME SIGNATURE ON MD-10-RA-O.

Yours very truly,

RICHARD D HUDSON
Lafayette District Manager

RDH:MJN:ms

RECEIVED

Encls.

cc: Audit Section ^{APR 22 2002} Rebert
Baton Rouge, LA

OFFICE OF CONSERVATION
PERMIT SECTION

**LOUISIANA DNR - OFFICE OF CONSERVATION FORM MD-10-R-AO
APPLICATION TO AMEND PERMIT TO DRILL MINERAL OR INJECTION WELL
OPTIONAL APPLICATION TO AMEND OPERATOR
TYPE ONLY - FILE IN DUPLICATE**

EFFECTIVE DATE OF CHANGE 4/01/02

FIELD Crab Lake CODE NO. 3000

NEW OPERATOR NAME Anderson Exploration Co., Inc. CODE NO. A112

ADDRESS P. O. Box 1411
Lake Charles, LA

SIGNATURE OF REPRESENTATIVE *Charles R. Anderson* DATE 4/3/02

TYPED NAME Charles R. Anderson PHONE (337) 436-4880

FORMER OPERATOR NAME Hilliard Petroleum Inc. CODE NO. 2693

SIGNATURE OF REPRESENTATIVE *Kim Mullings* DATE 4/3/02

TYPED NAME Kim Mullings PHONE (318) 424-5345

SUMMARY OF WELLS INCLUDED IN APPLICATION

OIL/GAS 1 +SWD 1 +OTHER = TOTAL WELLS 2

STRIPPER CRUDE 0 +INCAPABLE GAS 1 +ST 22 2 = TOTAL EXEMPT 3

CHECK NO: 2170 CHECK AMOUNT \$ 234.00

WELL NAME/NUMBER CHANGE REQUESTED () NO () YES (IDENTIFY WITH *)

WELL LISTING

SERIAL NO.	WELL NAME	WELL NO.	PRODUCT
1 207080 ✓	Estate of M O Miller MD ✓	1 ✓	oil 1 ✓
2 208011 ✓	Estate of M O Miller MD ✓	2 ✓	incapable 12 gas ✓
3 972850 ✓	M O Miller MD SWD ✓	1 ✓	ST 22 SWD ✓
4 208598 ✓	ESTATE OF M O MILLER MD ✓	001-D ✓	ST:22 ✓
5 208599 ✓	ESTATE OF M O MILLER MD ✓	002-D ✓	ST:22 ✓
6			
7			
8			

NUMBER OF SUPPLEMENTAL PAGES ATTACHED: 0

DISTRICT APPROVAL *Richard Hudson (MKH)* DATE APR 16 2002

ISSUED BY _____ DATE _____

LOUISIANA DNR - OFFICE OF CONSERVATION FORM MD-10-R-AO
 APPLICATION TO AMEND PERMIT TO DRILL MINERAL OR INJECTION WELL
 OPTIONAL APPLICATION TO AMEND OPERATOR
 TYPE ONLY - FILE IN DUPLICATE

EFFECTIVE DATE OF CHANGE 4/01/02

FIELD Crab Lake CODE NO. 3000

NEW OPERATOR NAME Anderson Exploration Co., Inc. CODE NO. A112

ADDRESS P. O. Box 1411
Lake Charles, LA

SIGNATURE OF REPRESENTATIVE Charles R. Anderson DATE 4/3/02

TYPED NAME Charles R. Anderson PHONE (337) 436-4880

FORMER OPERATOR NAME Hilliard Petroleum Inc. CODE NO. 2693

SIGNATURE OF REPRESENTATIVE Kim Mullings DATE 4/3/02

TYPED NAME Kim Mullings PHONE (318) 424-5345

SUMMARY OF WELLS INCLUDED IN APPLICATION

OIL/GAS 1 +SWD 1 +OTHER = TOTAL WELLS 2

STRIPPER CRUDE +INCAPABLE GAS 1 +ST 22 2 = TOTAL EXEMPT 3

CHECK NO: 2170 CHECK AMOUNT \$ 234.00

WELL NAME/NUMBER CHANGE REQUESTED (XX) NO () YES (IDENTIFY WITH *)

WELL LISTING

SERIAL NO.	WELL NAME	WELL NO.	PRODUCT
207080 ✓	Estate of M O Miller MD ✓	1 ✓	oil 1 ✓
208011 ✓	Estate of M O Miller MD ✓	2 ✓	incapable gas 12 ✓
972850 ✓	M O Miller MD SWD ✓	1 ✓	ST:09 SWD ✓
208598 ✓	ESTATE OF M O MILLER MD ✓	001-D ✓	ST:22 ✓
208599 ✓	ESTATE OF M O MILLER MD ✓	002-D ✓	ST:22 ✓
6			
7			
8			

NUMBER OF SUPPLEMENTAL PAGES ATTACHED: 0

DISTRICT APPROVAL Richard Hudson (MCA) DATE APR 16 2002

ISSUED BY _____

2170

APR 16 2002 432002534

ANDERSON EXPLORATION CO., INC. (27) \$ 117.00 CAMERON STATE BANK 84-134/652
 P.O. BOX 1411 LAKE CHARLES, LA 70602 (18) \$ 117.00 210327 4/12/2002

PAY TO THE ORDER OF Department Of Conservation \$*234.00 DOLLARS

Two Hundred Thirty-Four and 00/100*****

Department Of Conservation
 815 Kaliste Saloom Road
 Brandywine III, Suite 200
 Lafayette, LA 70508

MEMO Charles R. Anderson AUTHORIZED SIGNATURE

⑈002170⑈ ⑆065201349⑆ 805013089⑈

ANDERSON EXPLORATION CO., INC.
P.O. BOX 1411
LAKE CHARLES, LA 70602

CAMERON STATE BANK
84-134/652

2165

4/8/2002

PAY TO THE ORDER OF Department Of Conservation

\$**351.00

Three Hundred Fifty-One and 00/100 ***** DOLLARS

Department Of Conservation
815 Kaliste Saloom Road
Brandywine III, Suite 200
Lafayette, LA 70508

MEMO

Charles R. Anderson
AUTHORIZED SIGNATURE

⑈002165⑈ ⑈065201349⑈ 805013089⑈

SECURITY FEATURES INCLUDED. DETAILS ON BACK.

ANDERSON EXPLORATION CO., INC.

2165

Department Of Conservation

4/8/2002

Date	Type	Reference	Original Amt.	Balance Due	Discount	Payment
04/08/2002	Bill	Change of Operator	351.00	351.00		351.00
				Check Amount		351.00

Cameron State Bank

351.00

*check returned 4-11-02
only need for 2 wells \$234.00*

ANDERSON EXPLORATION CO., INC.

P. O. Box 1411, LAKE CHARLES, LA 70602
(337) 436-4880 - FAX (337) 436-4358

April 8, 2002

State of Louisiana
Department of Conservation
815 Kaliste Saloom Road
Brandywine III, Suite 215
Lafayette, Louisiana 70505

Re: Submission of Form MD-10-R-AO
Estate of M. O. Miller MD #1, Serial number 207080
Estate of M. O. Miller MD #2, Serial number 208011
M. O. Miller MD SWD #1, Serial number 972850
Crab Lake Field, Cameron Parish, Louisiana

ATTN: Richard Hudson
District Manager

Gentlemen:

Please find enclosed two (2) Form MD-10-R-AO which changes the operator for the above captioned wells. Also enclosed is Anderson Exploration Co., Inc.'s check number 2165 in the amount of \$351.00 to cover the \$117.00 per well change of operator fee.

If you should have any questions, please do not hesitate to call.

Sincerely yours,

ANDERSON EXPLORATION CO., INC.



Charles R. Anderson
President

Attachments – As noted above

cc w/attchments Hilliard Petroleum, Inc.

RECEIVED

APR 10 2002

OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

ANDERSON EXPLORATION CO., INC.

P. O. Box 1411, LAKE CHARLES, LA 70602
(337) 436-4880 - FAX (337) 436-4358

April 11, 2002

State of Louisiana
Department of Conservation
815 Kaliste Saloom Road
Brandywine III, Suite 215
Lafayette, Louisiana 70505

Re: Submission of Form MD-10-R-AO
Estate of M. O. Miller MD #1, Serial number 207080
Estate of M. O. Miller MD #2, Serial number 208011
M. O. Miller MD SWD #1, Serial number 972850
Crab Lake Field, Cameron Parish, Louisiana

ATTN: Richard Hudson
District Manager

Gentlemen:

Anderson Exploration Co., Inc. submitted form MD-10-R-AO for the above referenced wells. Both of the producing wells were dually completed at some point in the past. The serial numbers for the dual completions were inadvertently left off of the MD-10-R-AO. This letter shall serve as your authorization to add the following wells to the Form MD-10-R-AO:

Estate of M. O. Miller #1-D Serial number 208598; and
Estate of M. O. Miller #2-D Serial number 208599

If you should have any questions, please do not hesitate to call.

Sincerely yours,

ANDERSON EXPLORATION CO., INC.



Charles R. Anderson
President

cc Hilliard Petroleum, Inc.
M. O. Miller, II

RECEIVED

APR 11 2002

OFFICE OF CONSERVATION
LAFAYETTE DISTRICT