

EDWIN W. EDWARDS
GOVERNOR
B. JIM PORTER
SECRETARY

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION

HERBERT W. THOMPSON
ASSISTANT SECRETARY
AND
COMMISSIONER

October 16, 1987

LINDER OIL CO A PARTNERSHIP
Attn: Michael L. Dugas
1800 Carol Sue Ave.
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.#1, CRAB LAKE, Cameron.

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.

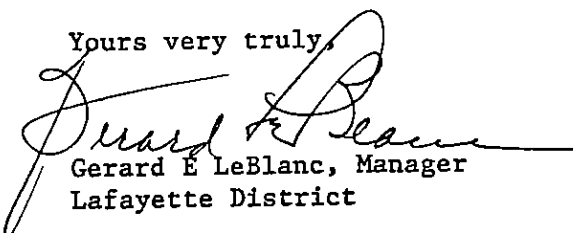
3. No well shall commence drilling below surface casing until a sign has been posted on the derrick and subsequently on the well.

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:jcl

cc:

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Inter Office

Date: October 16, 1987

To: Mr. W. J. Clark
From: Mr. Gerard LeBlanc
Attn: Mr. W. J. Clark

Enclosed herewith please find application from LINDER OIL CO A PARTNERSHIP
for permit to drill
their Estate of M O Miller, MD #1, CRAB LAKE Field
Cameron Parish, Louisiana. Zone

Also enclosed please find:

Check No. 1375 in the amount of \$200.00 (COPY)

Well location plat
 Well location certification

OK w/c m
29B-1
29E
865-Series

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. _____

Pending Hearing, Docket No. _____

Remarks & Recommendations:

2/6 ~~Inclination~~ or directional survey required. Shall comply with Statewide Order 29-E. Shall comply with Order 29-B. Shall comply with *865* series of orders. Proposed location is in the CZM area.

By Gerard LeBlanc
District Manager

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

LT-1

PERMIT TO DRILL FOR MINERALS

PERMIT \$200 00
Multiple Zone Processing

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Send To LAFAYETTE/21 Date October 20, 1987
Serial No Ser#207080 API # 1702322371
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. 1
Location Sec 20, T15S, R5W
Surf: N 88°45'02" W 1244.40' & N 1°14'58" E 353.67' fr SE/C of
Sec 20. PBHL: S 29°32'14" W 855.88' fr surf & being in Sec 29.

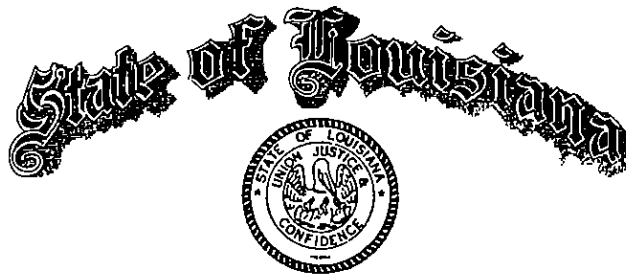
PTD 12,900'

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

Herbert W. Thompson
COMMISSIONER

[Signature]
ISSUING AUTHORITY

194748



EDWIN W EDWARDS
GOVERNOR
B JIM PORTER
SECRETARY

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF CONSERVATION

HERBERT W. THOMPSON
ASSISTANT SECRETARY
AND
COMMISSIONER

OCTOBER 20, 1987

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. 1
SER NO. 207080

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,

HERBERT W. THOMPSON, COMMISSIONER
OFFICE OF CONSERVATION

BY

WILLIAM J. CLARK
PETROLEUM ENGINEER SUPERVISOR 1

WJC:SM

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

111847A

7-6-88

202707A



INVESTORS BANK & TRUST CO
GRETNLA, LOUISIANA 70053

THE SUMMIT

LINDER OIL COMPANY-A PARTNERSHIP
JOINT INTEREST ACCOUNT

1800 CAROL SUE AVE. SUITE 6 A
GRETNLA, LA 70056 PH. 392-2004

NO 1557

June 20, 19 88

84-342
654

DOLLARS \$ 150.00

Roger W. Miller

⑆00001557⑆ ⑆1065403422⑆ 563 4 6448⑆

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

DATE	ACCOUNT	DESCRIPTION	AMOUNT
6/20/88		Amend location - M.O. Miller #1	\$150.00
		15301	

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 on
their Estate of M O Miller MD #1, Crab Lake Field
Cameron Parish, Louisiana. Zone

Also enclosed please find:

Check No. 1557 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 effective date of this change is June 20, 1988 and the product is OIL. Serial #207080.

GEL:jec:jcl

Encls.

By Gerard E LeBlanc
District Manager

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

LT-1

AMENDED PERMIT TO DRILL FOR MINERALS

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
Amended Permit No. ~~1150.00~~ ~~11356~~

~~XXXX~~ Change
Effective 8806
Year mm

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
- ~~0.2.0.1.~~ LOCATION

207080 Serial No L Date July 6, 1988

CURRENT CODES 012

3000 PARISH Gameron

3466 FIELD Crab Lake

OPERATOR Indar Oil Co. A Partnership

ADDRESS 1800 Carroll Sue Ave.

CITY & STATE Gretna, LA 70056

FORMER CODES

445372 WELL NAME Estate of M O Miller MD No 1

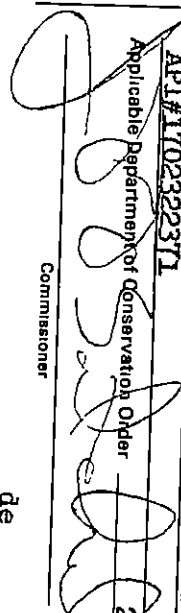
LOCATION OF WELL Sec. 20 T. 15S R. 5W Former Well No. _____

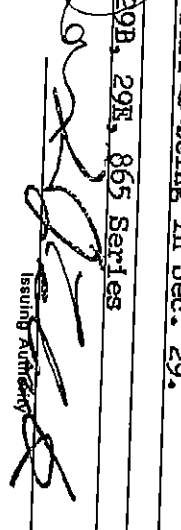
LOCATION CHANGE: Located N88°45'02"W 1221.00' thence N1°14'58"E 292.14' FSE/C

Sec. 20. BBL 833°02'28"W 814.31' fr surf & being in Sec. 29.

API# 1702322371

Applicable Department of Conservation Order 29B, 29E, 865 Series

 Commissioner

 Issuing Authority

MA E 1988

No. 111847 A



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 #1
Ser. No. 207080

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.

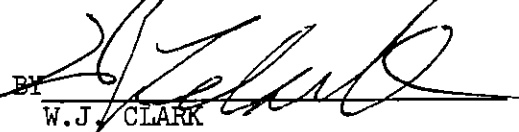
We are issuing Amended Permit to Drill for the above referenced well with the understanding that completion cannot be in any pool in which the location does not conform with the provisions of Statewide Order No. 29-E.

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
Pet'r. 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 BATON ROUGE, LOUISIANA 70804-9275

AN EQUAL OPPORTUNITY EMPLOYER



OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD	Crab Lake
SERIAL NO	207080
PRODUCING INTERVAL	12,320'-328'; 12,338'-358'
RESERVOIR (COMPANY SAND IDENTIFICATION)	CN-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	<input type="checkbox"/> 31 INACTIVE DRY HOLE - FUT UTIL <input type="checkbox"/> 32 INACTIVE DRY HOLE NO FUT UTIL <input type="checkbox"/> 36 INACTIVE WAITING ON PIPELINE <input type="checkbox"/> 37 INACTIVE WAITING ON MARKET	PRODUCT	IF RECOMPLETION	DATE COMP. RECOMP. OR P & A M D Y
<input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> RECOMPLETION <input type="checkbox"/> P & A		<input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER	<input type="checkbox"/> SAME RESERVOIR <input type="checkbox"/> DIFFERENT RESERVOIR	7/21/88

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

WELL NAME	WELL NO.
Estate of M.O. Miller, M.D.	1

PARISH	SEC	TWP	RGE	DATE PERMIT ISSUED
Cameron	20	15S	5W	10/20/87

DATE SPUNDED M D Y	DATE READY TO PRODUCE*	TOTAL DEPTH	PRTD
12/10/87	--	12,990'	12,505'

GROUND ELEVATION	CASING HEAD FLANGE ELEVATION	DISTANCE FROM RKB TO CHF
1.5+	2.5+	22'

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

WAS WELL DIRECTIONALLY DRILLED?	WAS DIRECTIONAL SURVEY MADE?	WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?	DATE FILED
Yes	Yes	Yes	W/Report

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)	DATE FILED
Tight	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		171	0	--	--	--	--	--
102	10 3/4"	14 3/4"	45.5	3500	0	1495	1500	0.5	12/13/87	--
103	7"	9 7/8"	16/32	12,990	0	1700	2000	0.5	05/20/88	Paul Bittle
104										
105										

TUBING SIZE*	2 3/8"	DEPTH OF TUBING*	11,955'	DEPTH OF PACKER(S)*	12,500', 11,950' & 11,537'
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INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
3 BOPD	1450 MCF/DAY	483,333 CF/BBL	12/64"	Flowing
FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BBBW
2500 psig	3600 psig	0	0 BPD	-- %
GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED	
-- *API 60°F	5737 (Est.) psig	Fred Wisby	7/21/88	

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 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 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.

207080

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
L1306,88		Schlumberger	Perforate 12,586'-88', 12,256'-58', 12,200'-202', 12,178'-80', 12,126'-128', 12,027'-029', 11,626'-628', and 11,606'-608' for block squeezes.
L1419,88		Schlumberger	Perforate for production from 11,612'-617'.
L1409,88		Schlumberger	Perforate for production from 12,572'-580'.
L1338,88		Schlumberger	Perforate for production from 12,596'-606'.
		Schlumberger	Set TTBP @ 12,594'.
		Schlumberger	Set tubing plug @ 12,505'. Perforate for production from 12,320'-328' & 12,328'-358'.

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

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED

AUG 21 1990

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Office of Conservation
Well Files
Baton Rouge, LA

WELL COMPLETION OR RECOMPLETION REPORT

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

DISTRICT Lafayette

CODE NUMBERS	DATE <u>07/25/88</u>	<input type="checkbox"/> 1 ON-SHORE
<u>012</u>	PARISH <u>Cameron</u>	<input type="checkbox"/> 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>	DOC ORDER NO <u>29E</u>
<u>207080</u>	WELL NAME <u>Estate of M.O. Miller, M.D.</u> NO <u>1</u>	SERIAL NO <u>207080</u>
	RESERVOIR <u>CM-1</u>	COMPLETION DATE <u>8-14-90</u> TIME <u>5:00</u>
		<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 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 checked="" 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>900</u> MCF/DAY GAS VOLUME	<u>2200</u> PSIG FLOWING TUBING PRESSURE	<u>4000</u> PSIG SHUT-IN TUBING PRESSURE	<u>50</u> PSIG CASING PRESSURE
<u>6</u> / <u>64</u> " CHOKE SIZE	<input checked="" type="checkbox"/> 1 POSITIVE <input type="checkbox"/> 2 ADJUST	<u>0</u> BPD WATER PROD	<u>--</u> % BS & W	<u>--</u> CF/BBL GOR
				<u>--</u> API AT 60°F GRAVITY

PERFORATIONS 12,037' to 12,057' TOTAL DEPTH 12,990'

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

M. L. Linder
SIGNATURE
LINDER OIL COMPANY, 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
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>
_____	_____ 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

AUG 23 1990

29 E COMPLIANCE YES NO
 29 E UNIT ATTACHED YES NO

 O C USE ONLY

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

DISTRICT Lafayette

CODE NUMBERS 012 ✓ DATE 7/25/88
3000 ✓ PARISH Cameron
3466 ✓ FIELD Crab Lake
209080 OPERATOR Linder Oil Co.-A Partnership
 WELL NAME Estate of M.O. Miller, M.D. NO 1 SERIAL NO 207080
 RESERVOIR CN-2 COMPLETION DATE 7/21/88 TIME 5.00 AM PM
Spud. 12-10-87

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

OC ORDER NO 29E

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

REMARKS No need to file.

PRODUCTION DATA

TYPE COMPLETION	PRIMARY PRODUCT	PRIMARY PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL
1 - ORIG COMP 2 - RE COMP	<input checked="" type="checkbox"/> 1 - OIL 2 - GAS 3 - DRY GAS	<input type="checkbox"/> 1 - YES 2 - NO	<input checked="" type="checkbox"/> F - FLOWING G - 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 <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/>				
<u>3</u> BOPD INITIAL PROD	<u>1450</u> MCF/DAY GAS VOLUME	<u>2500</u> PSIG FLOWING TUBING PRESSURE	<u>3600</u> PSIG SHUT-IN TUBING PRESSURE	<u>0</u> PSIG CASING PRESSURE
<u>12 1/4"</u> SIZE	<input checked="" type="checkbox"/> 1 - POSITIVE 2 - ADJUST WATER PROD <u>0</u> BPD	<u>--</u> % BS & W	<u>483,333</u> CF/BBL GOR	<u>--</u> GRAVITY API AT 60°F

PERFORATIONS 12,320'-328' & 12,338'-358' TOTAL DEPTH 12,990'

PERMITS & CERTIFICATION

ADDITIONAL CLEARANCE IS REQUESTED FOR 115 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)

M. Linder
 SIGNATURE
Linder Oil Company-A Partnership
 OPERATOR
Petroleum Engineer
 TITLE

504-5244650 *Deliver*
504-3929902

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

District Lafayette INPUT TYPE
Field Crab Lake 1 - OC Only
Parish Cameron 2 - Original
Operator Linder Oil Co. A Partnership Code 3466 II 3 - Correction
Sec 20 TWP. 15S RGE. 5W Test Date 2 / 16 / 89
12 Mo Day Yr

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

WELL SERIAL NO	WELL NAME	WELL NO	NAME OF RESERVOIR
207080	Estate of M O Miller, M D	1	CN-2

TOTAL DEPTH	PERFORATED INTERVAL FROM	PERFORATED INTERVAL TO	CHOKE /64"	OIL BBL/DAY	COND BBL/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
12,990'	12,320'	12,328'	12	-	26	1,500	57692/1

API GRAV @ 60° F.	WATER BBL/DAY	BS&W %	FLOWING PRES (PSIG)	CASING PRES (PSIG)	DATE OF COMPLETION		
					MO	DAY	YR.
44.5	2	1/10	1850	0	7	21	88

CLOSE TANK / METER GAUGE 66 • 200 TIME
OPEN TANK / METER GAUGE 40 • 100 TIME
DIFFERENCE 26 in 2.4 HOURS
TANK / METER NO. _____ TANK COEF. _____

STATIC PRES 960 DIFFERENTIAL PRES. 60" LINE SIZE 2"
PLATE SIZE 1.000 COEFFICIENT _____ METER SPRING & DIFF. RANGE 100

REMARKS We would like to request 1500 MCF/day effective 2-1-89
cond - searched

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

PERMIT SECTION



OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD
CRAB LAKE

SERIAL NO
207080

PRODUCING INTERVAL
12,188' to 12,192'

RESERVOIR (COMPANY SAND IDENTIFICATION)
CM5

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
12/05/89

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
1

PARISH
Cameron

SEC 20 TWP 15S RGE 5W

DATE PERMIT ISSUED
10/20/87

DATE SPUNDED M D Y
12/10/87

DATE READY TO PRODUCE*
--

TOTAL DEPTH
12,990'

PBTD
12,306'

GROUND ELEVATION
+1.5'

CASING HEAD FLANGE ELEVATION
+2.5'

DISTANCE FROM RKB TO CHF
22'

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					
●	Same as before									

TUBING SIZE **2 3/8"** DEPTH OF TUBING **11,960'** DEPTH OF PACKER(S) **11,537' & 11,950'**

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION
2

GAS VOLUME
BOPD **1010** MCF/DAY **505,000** CF/BBL

GOR **7/64"** CHOKE SIZE

PRODUCING METHOD
Flowing

FLOWING TUBING PRESSURE **3750** psig

SHUT-IN TUBING PRESSURE **4000** psig

CASING PRESSURE **0**

WATER PRODUCTION **0** BPD

BS&W **--** %

GRAVITY **-** *API@60° F

BHP (SHUT-IN) **5515 (est)** psig

COMPANY REPRESENTATIVE
Fred Wisby

DATE GAUGED
12/12/89

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.Serv.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. S. Sings 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 1306,88		Schlumberger	Perforate 12,586'-588', 12,256'-558', 12,200'-202', 12,178'-180', 12,126'-128', 12,027'-029', 11,626'-11,628', and 11,606'-11,608' for block squeezes.
L 1419,88		Schlumberger	Perforate for production from 11,612'-617'.
L 1409,88		Schlumberger	Perforate for production from 12,572'-580'.
L 1338,88		Schlumberger	Perforate for production from 12,596'-606'.
L#1681,88		Schlumberger	Set TTBP @ 12,594'.
L#1698,88		Schlumberger	Set tubing plug @ 12,505'. Perforate for production from 12,320'-328' and 12,328'-358'.
L#2250-89	12/01/89	Schlumberger	Perforate for production from 12,286'-12,292'.
	12/05/89	Schlumberger	Perforate for production from 12,188' to 12,192'.

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

FORMATION	DEPTH	FORMATION	DEPTH
<p>RECEIVED DEC 18 1989 Office of Conservation Well Logs Baton Rouge LA</p>		<p>RECEIVED DEC 18 1989 Cajalatte District Office</p>	

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 <u>012</u> <u>3000</u> <u>3466</u> <u>207080</u>	DATE <u>12/12/89</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>	DOC ORDER NO <u>29E</u>
OPERATOR <u>LINDER OIL CO., A PARTNERSHIP</u>	WELL NAME <u>ESTATE OF M.O. MILLER, MD</u>	NO <u>1</u> SERIAL NO <u>207080</u>
RESERVOIR <u>CM5</u>	COMPLETION DATE <u>12/05/89</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

COMPLETION DATA

* TYPE COMPLETION <input checked="" type="checkbox"/> 1 ORIG COMP <input checked="" type="checkbox"/> 2 RE COMP	PRIMARY PRODUCT <input checked="" type="checkbox"/> 1 OIL <input type="checkbox"/> 2 GAS <input type="checkbox"/> 3 DRY GAS	PRIMARY PRODUCT CHANGE? <input checked="" type="checkbox"/> 1 YES <input type="checkbox"/> 2 NO	PRODUCING METHOD <input checked="" type="checkbox"/> F FLOWING <input type="checkbox"/> GL GAS LIFT <input type="checkbox"/> P PUMPING	STATUS OF WELL <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 checked="" type="checkbox"/>	<u>2</u> BOPD INITIAL PROD	<u>1010</u> MCF/DAY GAS VOLUME	<u>3750</u> PSIG FLOWING TUBING PRESSURE	<u>4000</u> PSIG SHUT IN TUBING PRESSURE	<u>0</u> PSIG CASING PRESSURE
	<u>7</u> / 64" <input checked="" type="checkbox"/> 1 POSITIVE ADJUST	<u>0</u> BPD WATER PROD	<u>--</u> % BS & W	<u>505,000</u> CF/BBL GOR	<u>--</u> GRAVITY API AT 60°F

PERFORATIONS 12,188' to 12,192' TOTAL DEPTH 12,990'

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 WITH IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29 B, SECTION X, PARAGRAPH A, ARTICLE 1))

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



OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD
CRAB LAKE

SERIAL NO
207080

PRODUCING INTERVAL
12080' to 12093'

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 D Y
02/24/90

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
1

PARISH
Cameron

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

DATE PERMIT ISSUED
10/20/87

DATE SPUNDED M D Y
12/10/87

DATE READY TO PRODUCE*
--

TOTAL DEPTH
12,990'

PBTD
12124'

GROUND ELEVATION
+1.5'

CASING HEAD FLANGE ELEVATION
+2.5'

DISTANCE FROM RKB TO CHF
22'

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

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: **11,960'** DEPTH OF PACKER(S): **11,537' & 11,950'**

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION
Trace

GAS VOLUME
820 BOBP

GOR
--

CHOKER SIZE
6 /64"

PRODUCING METHOD
Flowing

FLOWING TUBING PRESSURE
4200 psig

SHUT-IN TUBING PRESSURE
0 psig

CASING PRESSURE
0

WATER PRODUCTION
0 BPD

BS&W
-- %

GRAVITY
-

BHP (SHUT-IN)
15623 (est) psig

COMPANY REPRESENTATIVE
Fred Wisby

DATE GAUGED
02/24/90

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.SERV. 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 *Fred Wisby* 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 1306,88		Schlumberger	Perforate 12,586'-588', 12,256-558', 12,200'-202', 12,178'-180', 12,126'-128', 12,027'-029', 11,626'-11,628', and 11,606'-11.608' for block squeezes.
L 1419,88		Schlumberger	Perforate for production from 11,612'-617'.
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L 1338,88		Schlumberger	Perforate for production from 12,596'-606'.
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L#2250-89	12/01/89	Schlumberger	Perforate for production from 12,286'-12,292'.
	12/05/89	Schlumberger	Perforate for production from 12,188' to 12,192'
L#162-90	02/24/90	Schlumberger	Set TTBP @ 12,130' dump cement of to top. Perforate from 12080' to 12093'.

RECEIVED

MAR 06 1990

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Oil Conservation

FORMATION	DEPTH	FORMATION	DEPTH

RECEIVED

MAR 05 1990

Lafayette District Office

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 | DATE 02/28/90
012 | PARISH Cameron
3000 | FIELD CRAB LAKE
3466 | OPERATOR LINDER OIL CO., A PARTNERSHIP
207080 | WELL NAME Estate of M.O. Miller, MD NO 1 SERIAL NO 207080
 | RESERVOIR CM-2 02/24/90 3:30
 | COMPLETION DATE TIME AM PM

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

DOC ORDER NO 29-E

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	<input type="checkbox"/> 1 <input type="checkbox"/> 0 SEE REVERSE SIDE FOR CODE

IF THIS IS A RE COMPLETION SPECIFY SAME RESERVOIR DIFFERENT RESERVOIR

Trace INITIAL PROD BOPD 820 GAS VOLUME MCF/DAY 4200 FLOWING TUBING PRESSURE PSIG
6 / 64" 1 POSITIVE ADJUST 0 WATER PROD BPD - BS & W % - GOR CF/BBL - CASING PRESSURE PSIG 0 GRAVITY API AT 60°F

PERFORATIONS 12,080' to 12,093' TOTAL DEPTH 12,990'

PERFORMANCE & 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 H. Dwyer
 SIGNATURE
LINDER OIL CO., A PARTNERSHIP
 OPERATOR
Petroleum Engineer
 TITLE

RECEIVED

JUN 06 1990
 Office of Conservation
 Well Files
 Baton Rouge, LA

STATE OF LOUISIANA
 OFFICE OF CONSERVATION
 LOUISIANA STATE POTENTIAL REPORT

District LAFAYETTE INPUT TYPE
 Field CRAB LAKE 1 - OC Only
 Parish CADDOUDA 2 - Original
 Operator CONDESA OIL CO. PARTNERSHIP Code 3406 II 3 - Correction
 Sec 20 TWP 15S RGE 5W Test Date 3 1 84 190
 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

3-RETEST

WELL SERIAL NO	WELL NAME	WELL NO	NAME OF RESERVOIR
207080	ESTATE OF W.O. MILLED MD	1	CMS-2

TOTAL DEPTH	PERFORATED INTERVAL FROM TO	CHOKE /64"	OIL BBL/DAY	COND BBL/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
12,880	12,080 12,095	6	-	11	1,000	9,091/1

API GRAV @ 60°F	WATER BBL/DAY	BS&W %	FLOWING PRES (PSIG)	CASING PRES (PSIG)	DATE OF COMPLETION		
76	80	86	89	95	MO	DAY	YR
44.2	0	TRACE	4200	0	2	24	90

CLOSE TANK/METER GAUGE 64085 @ 1 PM TIME
 OPEN TANK/METER GAUGE 64074 @ 1 PM TIME
 DIFFERENCE 11 in 24 HOURS
 TANK/METER NO Brooks TANK COEF 1.000

STATIC PRES 950" DIFFERENTIAL PRES 23" LINE SIZE 2"
 PLATE SIZE 1.000 COEFFICIENT _____ METER SPRING & DIFF RANGE 100-1500
 REMARKS oil - Seurlock
gas - CAC

WITNESSED BY Walter Dobity GAUGED BY Ree Dando
 TITLE agc TITLE _____

RECEIVED
 AUG 27 1990
 Office of Conservation
 Well Files
 Baton Rouge, LA



OFFICE OF CONSERVATION
 WELL HISTORY AND WORK RESUME REPORT

FIELD
 Crab Lake

SERIAL NO
 207080

PRODUCING INTERVAL
 12,037' to 12,057'

RESERVOIR (COMPANY SAND IDENTIFICATION)
 CM-1

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 type="checkbox"/> 31 INACTIVE DRY HOLE FUT UTIL	PRODUCT	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 type="checkbox"/> OIL	<input type="checkbox"/> SAME RESERVOIR	/ /
<input type="checkbox"/> P & A	<input type="checkbox"/> 36 INACTIVE WAITING ON PIPELINE	<input checked="" type="checkbox"/> GAS	<input checked="" type="checkbox"/> DIFFERENT RESERVOIR	
	<input type="checkbox"/> 37 INACTIVE WAITING ON MARKET	<input type="checkbox"/> OTHER		

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
 1

PARISH
 Cameron

SEC 20 TWP 15S RGE 5W

DATE PERMIT ISSUED
 10/20/87

DATE SPUNDED M D Y
 12/10/87

DATE READY TO PRODUCE* --

TOTAL DEPTH
 12,990'

PBTD
 12,057'

GROUND ELEVATION
 +1.5'

CASING HEAD FLANGE ELEVATION
 +2.5'

DISTANCE FROM RKB TO CHF
 22'

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

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 11,960' DEPTH OF PACKER(S) 11,296' & 11,950'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION
 0 BOPD

GAS VOLUME
 900 MCF/DAY

GOR
 -- CF/BBL

CHOKE SIZE
 6 /64"

PRODUCING METHOD
 Flowing

FLOWING TUBING PRESSURE
 2200 PSIG

SHUT-IN TUBING PRESSURE
 4000 PSIG

CASING PRESSURE
 50 PSIG

WATER PRODUCTION
 0 BPD

BS&W
 -- %

GRAVITY
 --

BHP (SHUT-IN)
 5455 (est) PSIG

*API 60° F

COMPANY REPRESENTATIVE
 Lee Harrison

DATE GAUGED
 08/14/90

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.Serv. 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 J. D... ..* 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
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L#1698,88		Schlumberger	Set tubing plug @ 12,505'. Perforate for production from 12,320'-328' and 12,328'-358'.
L#2250-89	12/01/89	Schlumberger	Perforate for production from 12,286'-12,292'.
	12/05/89	Schlumberger	Perforate for production from 12,188' to 12,192'.
L#162-90	02/24/90	Schlumberger	Set TTBP @ 12,130' dump cement to top. Perforate from 12,080' to 12,093'.
	08/12/90	Schlumberger	Set TTBP @ 12,077'. Dump cement on top. Perforate from 12,037' to 12,057'.

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

FORMATION	DEPTH	FORMATION	DEPTH
		<p>RECEIVED AUG 23 1990 Lafayette District Office</p>	

RECEIVED

STATE OF LOUISIANA
OFFICE OF CONSERVATION

WELL COMPLETION OR RECOMPLETION REPORT

29-E COMPLIANCE

YES

NO APR 10 1991

29 E UNIT ATTACHED

YES

Office of Conservation
Well Files
Baton Rouge, LA

DOC USE ONLY

DISTRICT LAFAYETTE

CODE NUMBERS

012

PARISH CAMERON

3000

FIELD CRAB LAKE

3466-

OPERATOR LINDER OIL COMPANY, A PARTNERSHIP

207080

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

NO 1

SERIAL NO 207080

RESERVOIR C. I. SAND

3/22/91

COMPLETION DATE

7:00

TIME

AM

PM

DOC ORDER NO 29E

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

REMARKS NO NEED TO FILE AT PRESENT TIME

COMPLETION DATA

* TYPE COMPLETION

PRIMARY PRODUCT

PRIMARY PRODUCT CHANGE?

PRODUCING METHOD

STATUS OF WELL

1 ORIG COMP
 2 RE COMP

1 - OIL
 2 - GAS
 3 - DRY GAS

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

168 BOPD
INITIAL PROD

660 MCF/DAY
GAS VOLUME

320 PSIG
FLOWING TUBING PRESSURE

3000 PSIG
SHUT IN TUBING PRESSURE

0 PSIG
CASING PRESSURE

24 / 64" CHOKER SIZE
 1 POSITIVE
 2 ADJUST

0 BPD
WATER PROD

--- %
BS & W

3929 CF/BBL
GOR

38.5 API AT 60°F
GRAVITY

PERFORATIONS 11,858' to 11,869'

TOTAL DEPTH 12,990'

RECEIVED
MAR 28 1991

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

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)

Michael L. Dugas SIGNATURE
LINDER OIL COMPANY, A PARTNERSHIP
OPERATOR

ENGINEER

TITLE

JH



OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD
CRAB LAKE

SERIAL NO
207080

PRODUCING INTERVAL
APR 01 1991

* ~~11,858'~~ to ~~11,869'~~ LAFAYETTE DISTRICT OFFICE
RESERVOIR (COMPANY SAND IDENTIFICATION) OF CONSERVATION
CL SAND

RECEIVED

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
3/22/91

OPERATOR
LINDER OIL COMPANY, A PARTNERSHIP

CODE
3466

ADDRESS
1800 CAROL SUE AVENUE, GREINA, LA 70056

WELL NAME
ESTATE OF M. O. MILLER, MD

WELL NO
1

PARISH
Cameron

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

DATE PERMIT ISSUED
10/20/87

DATE SPUDED
12/10/87

DATE READY TO PRODUCE*

TOTAL DEPTH
12,990'

P8TD
11,980'

GROUND ELEVATION
+1.5'

CASING HEAD FLANGE ELEVATION
+2.5'

DISTANCE FROM RKB TO CHF
22'

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 LOOS RUN (CIRCLE LOOS FILED WITH OFFICE OF CONSERVATION)
Tight Hole

DATE FILED
w/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 as before								
102									
103									
104									
105									

TUBING SIZE: **2 3/8"** DEPTH OF TUBING: **11,809'** DEPTH OF PACKER(S): **11,793' and 11,799'**

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION
168 BOPD

GAS VOLUME
660 MCF/DAY

GOR
3929 CF/8BL

CHOKE SIZE
24 /64"

PRODUCING METHOD
Flowing

FLOWING TUBING PRESSURE
320 psig

SHUT-IN TUBING PRESSURE
3000 psig

CASING PRESSURE
0

WATER PRODUCTION
0 BPD

SSBW

GRAVITY
38.5

BHP (SHUT-IN)
5372 (est.) psig

COMPANY REPRESENTATIVE
Slats Thomas

DATE GAUGED
3/22/91

PLUG AND ABANDON (P & A) DATA

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

RECEIVED

APR 04 1991

Office of Conservation
Well Files
Baton Rouge, LA

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 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
L1306-88		Schlumberger	Perforate 12,586' to 588', 12,256' to 558', 12,200' to 202', 12,178' to 180', 12,126' to 128', 12,027' to 029', 11,626' to 628' and 11,606' to 608' for block squeezes.
L1419-88		Schlumberger	Perforate for production from 11,612' to 617'
L1409-88		Schlumberger	Perforate for production from 12,572' to 580'.
L1338-88		Schlumberger	Perforate for production from 12,596' to 606'.
L1681-88		Schlumberger	Set TTBP @ 12,594'
L1698-88		Schlumberger	Set tubing plug @ 12,505'. Perforate for production from 12,320' to 328' and 12,328' to 358'.
L2250-89	12/01/89	Schlumberger	Perforate for production from 12,286' to 12,292'.
	12/05/89	Schlumberger	Perforate for production from 12,188' to 12,192'.
L162-90	2/24/90	Schlumberger	Set TTBP @ 12,130' dump cement to top. Perforate from 12,080' to 12,093'.
L1475-90	8/12/90	Schlumberger	Set TTBP @ 12,077'. Dump cement on top. Perforate from 12,037' to 12,057'.
L513-90		Reliable	Squeeze off perforations from 11,376' to 11,382'.
L512-90	3/19/91	Schlumberger	Set CIBP @ 11,980'. Perforate for block squeeze from 11,875' to 11,877' and 11,850' to 11,852'. Perforate for production from 11,858' to 11,869'.

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

FORMATION	DEPTH	FORMATION	DEPTH



OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD

CRAB LAKE

SERIAL NO

207080

PRODUCING INTERVAL

11,858' to 11,874'

RESERVOIR (COMPANY SAND IDENTIFICATION)

CL SAND

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LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

- NEW WELL
RECOMPLETION
P & A

- INACTIVE DRY HOLE FUT UTIL
INACTIVE DRY HOLE NO FUT UTIL
INACTIVE WAITING ON PIPELINE
INACTIVE WAITING ON MARKET

PRODUCT

- OIL
GAS
OTHER

IF RECOMPLETION

- SAME RESERVOIR
DIFFERENT RESERVOIR

DATE COMP, RECOMP, OR P & A M D Y

3/22/91

OPERATOR

LINDER OIL COMPANY, A PARTNERSHIP

CODE 3466

ADDRESS

1800 CAROL SUE AVENUE, GRETNA, LA 70056

WELL NAME

ESTATE OF M. O. MILLER, MD

WELL NO

1

PARISH

Cameron

SEC 20

TWP 15S

RGE 5W

DATE PERMIT ISSUED

10/20/87

DATE SPUNDED

12/10/87

DATE READY TO PRODUCE*

--

TOTAL DEPTH

12,990'

P8TD

11,980'

GROUND ELEVATION

+1.5'

CASING HEAD FLANGE ELEVATION

+2.5'

DISTANCE FROM RKB TO CHF

22'

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 LOOS RUN (CIRCLE LOOS FILED WITH OFFICE OF CONSERVATION)

Tight Hole

DATE FILED

w/report

CASING, LINER AND TUBING RECORD

Table with columns: CASING SIZE, HOLE SIZE, CASING WEIGHT, DEPTH SET (FROM TO), SACKS CEMENT, TEST PRESSURE, HOURS UNDER PRESSURE, DATE TESTED (MM DD YY), NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR. Row 101: same as before.

TUBING SIZE: 2 3/8" DEPTH OF TUBING: 11,809' DEPTH OF PACKER(S): 11,793' and 11,799'

INITIAL COMPLETION OR RE-COMPLETION DATA

Table with columns: INITIAL PRODUCTION, GAS VOLUME, GOR, CHOKE SIZE, PRODUCING METHOD, FLOWING TUBING PRESSURE, SHUT-IN TUBING PRESSURE, CASING PRESSURE, WATER PRODUCTION, GRAVITY, BHP (SHUT-IN), COMPANY REPRESENTATIVE, DATE GAUGED. Values include 168, 660, 3929, 24/64", Flowing, 320 psig, 3000 psig, 0, 0, 38.5, 5372 (est.), Slats Thomas, 3/22/91.

PLUG AND ABANDON DATA

Table with columns: CASING SIZE, AMOUNT PULLED, CEMENT PLUGS (FROM TO, SACKS, HOW PLACED), NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR. Includes 'APR 01 1991' stamp and 'Office of Conservation Well Files Baton Rouge, LA'.

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 connection, etc, the well has been shut-in.

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MAR 29 1991

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
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L1338-88		Schlumberger	Perforate for production from 12,596' to 606'.
L1681-88		Schlumberger	Set TTBP @ 12,594'
L1698-88		Schlumberger	Set tubing plug @ 12,505'. Perforate for production from 12,320' to 328' and 12,328' to 358'.
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L1475-90	8/12/90	Schlumberger	Set TTBP @ 12,077'. Dump cement on top. Perforate from 12,037' to 12,057'.
L513-90		Reliable	Squeeze off perforations from 11,376' to 11,382'.
L512-90	3/19/91	Schlumberger	Set CIBP @ 11,980'. Perforate for block squeeze from 11,875' to 11,877' and 11,850' to 11,852'. Perforate for production from 11,858' to 11,874'.

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

FORMATION	DEPTH	FORMATION	DEPTH

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MAY 24 1991

STATE OF LOUISIANA OFFICE OF CONSERVATION

APR 02 1991

Office of Conservation
Well Files

LOUISIANA STATE POTENTIAL REPORT OF CONSERVATION

Baton Rouge, LA

District LAFAYETTE INPUT TYPE
 Field CRAB LAKE 1 - OC Only
 Parish CAMERON 2 - Original
 Operator Linder Oil Co. a Partnership Code 3466 3 - Correction
 Sec. 20 TWP. 10S RGE. 5W Test Date 4 1 1 191
 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
207080	ESTATE of M.D. Miller MD	1	CL SAND

27

TOTAL DEPTH	PERFORATED INTERVAL FROM TO	CHOKE /64"	OIL BBLS/DAY	COND BBLS/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
12990'	11858 11869	26	134	-	1000	7463/1

33
PBTD 11980'

API GRAV @ 60°F	WATER BBLS/DAY	BS&W %	FLOWING PRES (PSIG)	CASING PRES (PSIG)	DATE OF COMPLETION		
					MO	DAY	YR
39.5	0	1/10	1150	0	3	20	91

76 80 86 89 95 101 TO TANK

CLOSE TANK / METER GAUGE 7' 0" @ 0700 TIME
 OPEN TANK / METER GAUGE 4' 10" @ 0700 TIME
 DIFFERENCE 2' 2" in 24 HOURS
 TANK / METER NO 91821 TANK COEF 5.41

STATIC PRES 890 DIFFERENTIAL PRES 42 LINE SIZE 2
 PLATE SIZE 0.875 COEFFICIENT 26.752 METER SPRING & DIFF. RANGE 1500/100

REMARKS LINDER OIL WOULD LIKE TO REQUEST 1000 MCF/DAY EFFECTIVE 3 20 91

DIL: SCURLOCK

GAS: LOUISIANA INTERSTATE GAS

WITNESSED BY [Signature]
TITLE CEA

GAUGED BY [Signature]
TITLE _____



OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD

CRAB LAKE

RECEIVED

SERIAL NO

207080

JUL 14 1992

PRODUCING INTERVAL

11,858' to 11,889'

Office of Conservation
Well Files

RESERVOIR (COMPANY SAND IDENTIFICATION)

CL SAND

Baton Rouge, LA

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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
7/1/92

OPERATOR

LINDER OIL CO., A PARTNERSHIP

CODE

3466

ADDRESS

1800 CAROL SUE AVENUE, GRETNA, LA 70056

WELL NAME

M. O. MILLER, M.D.

WELL NO

1

PARISH

CAMERON

SEC

20

TWP

15S

RGE

5W

DATE PERMIT ISSUED

10/20/87

DATE SPUNDED

M D Y
12/10/87

DATE READY TO PRODUCE*

-

TOTAL DEPTH

12,990'

PBTD

11,980'

GROUND ELEVATION

+1.5'

CASING HEAD FLANGE ELEVATION

+2.5'

DISTANCE FROM RKB TO CHF

22'

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

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									

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JUL 10 1992

TUBING SIZE = DEPTH OF TUBING = DEPTH OF PACKER(S) = LAFAYETTE DISTRICT OFFICE OF CONSERVATION

INITIAL COMPLETION OR RE-COMPLETION DATA

Initial Production	Gas Volume	GOR	Choke Size	Producing Method
NOT APPLICABLE	BOPD N/A	MCF/DAY N/A	N/A /64"	N/A
Flowing Tubing Pressure	Shut-in Tubing Pressure	Casing Pressure	Water Production	BSSW
N/A	N/A	N/A	N/A	N/A
Gravity	BHP (SHUT-IN)	Company Representative	Date Gauged	
N/A	N/A	N/A	N/A	

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, certify that I am employed by EAGLE CONSULTING SERVICES, INC. and 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: PETROLEUM ENGINEER

JOHN W. HARVILL

*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#1698-88		SCHLUMBERGER	Set tubing plug @12,505'. Perforate for production from 12,320' to 328' and 12,328' to 358'.
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L#1475-90	8/12/90	SCHLUMBERGER	Set TTBP @ 12,077'. Dump cement on top. Perforate from 12,037' to 12,057'.
L#513-90		RELIABLE	SQUEEZE off perforations from 11,376' to 11,382'.
L#512-90	3/19/91	SCHLUMBERGER	Set CIBP @ 11,980'. Perforate for block squeeze from 11,875' to 11,877' and 11,850' to 11,852'. Perforate for production from 11,858' to 11,869'.
6/30/92	7/1/92	SCHLUMBERGER	Add perforations 11,880' to 11,889' and 11,864' to 11,869' IES.

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
29-E UNIT ATTACHED YES NO

JUL 15 1992

Office of Conservation
Well Files
Baton Rouge, LA

WELL COMPLETION OR RECOMPLETION REPORT

DOC USE ONLY

DISTRICT LAFAYETTE

CODE NUMBERS <u>012</u>	DATE <u>7/6/92</u>	<input type="checkbox"/> 1 ON SHORE
<u>3000</u>	PARISH <u>CAMERON</u>	<input checked="" type="checkbox"/> 3 OFF-SHORE
<u>3466</u>	FIELD <u>CRAB LAKE</u>	SEC <u>20</u> T <u>15S</u> R <u>5W</u>
<u>207080</u>	OPERATOR <u>LINDER OIL CO., A PARTNERSHIP</u>	DOC ORDER NO <u>29E</u>
	WELL NAME <u>Estate of M O Miller MD</u>	NO <u>1</u> SERIAL NO <u>207080</u>
	RESERVOIR <u>CL SAND</u>	<u>7/1/92</u> <u>6:00</u> COMPLETION DATE TIME <input checked="" type="checkbox"/>
		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"/> 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>NOT APPLICABLE</u>	<u>NOT APPLICABLE</u>	<u>NOT APPLICABLE</u>	<u>NOT APPLICABLE</u>	<u>NOT APPLICABLE</u>
INITIAL PROD BOPD	GAS VOLUME MCF/DAY	FLOWING TUBING PRESSURE PSIG	SHUT-IN TUBING PRESSURE PSIG	CASING PRESSURE PSIG
<u>1/64"</u> <input type="checkbox"/> 1 POSITIVE <input type="checkbox"/> 2 ADJUST	WATER PROD BPD	BS & W %	GOR CF/BBL	GRAVITY API AT 60° F

PERFORATIONS 11,858' to 11,889' 12,990'

RECEIVED

JUL 10 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

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

John W. Harvill
SIGNATURE

JOHN W. 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)

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

RECEIVED

AUG 03 1992

Office of Conservation
INPUT Well Files
Baton Rouge, LA
CC Only

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 1 92
12 Mo. Day Yr.

2 - Original
11
3 - Correction

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
207080	ESTATE OF M O MILLER M D	1	CL Sand

TOTAL DEPTH	PERFORATED INTERVAL		CHOKE	OIL	COND	GAS	GAS/OIL
	FROM	TO	/64"	BBLs/DAY	BBLs/DAY	MCF/DAY	RATIO CF/BBL
12,990'	11,858'	11,889'	8	—	135	255	1889/1

API GRAV	WATER	BS&W %	FLOWING PRES	CASING PRES	DATE OF COMPLETION		
#60° F.	BBLs/DAY		(PSIG)	(PSIG)	MO	DAY	YR.
41.7	71	34	630	0	07	01	92

CLOSE ~~TANK~~/METER GAUGE 135 • 7:00 AM TIME
 OPEN ~~TANK~~/METER GAUGE 0 • 7:00 AM TIME
 DIFFERENCE 135 in 24 HOURS
 TANK/METER NO. Barton TANK COEF. 1.000

STATIC PRES. 120 DIFFERENTIAL PRES. 30 LINE SIZE 2"
 PLATE SIZE 0.875 COEFFICIENT 20833 METER SPRING & DIFF. RANGE 1500/100

REMARKS Linder is requesting a test to set a gas allowable for this well.
Orl. Sovelock Gas. L.R.C.

RECEIVED

AUG 31 1992

WITNESSED BY [Signature] GAUGED BY [Signature]
 TITLE C.A.D. TITLE [Signature]

State of Louisiana



EDWIN W EDWARDS
GOVERNOR

JOHN F ALES
SECRETARY

September 15, 1992

DEPARTMENT OF NATURAL RESOURCES

H W THOMPSON
COMMISSIONER AND
ASSISTANT SECRETARY

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

ATTN: James Chafin

Re: WELL Estate of M O Miller MD
SERIAL 207080 WELL NO 001
FIELD Crab Lake
PARISH Cameron SEC/TWN/RNG 020/15S/05W
APPL NO 011524
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 SEPTEMBER 15, 1993.** Only water produced from this well and the Estate of M O Miller MD No. 002 (SN 208011) 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 675 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.

Sincerely,

W. H. THOMPSON, Commissioner
Office of Conservation

A handwritten signature in cursive script, reading "James H. Welsh".

James H. Welsh, Director
Injection and Mining Division

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



EDWIN W. EDWARDS
GOVERNOR

JOHN F. ALES
SECRETARY

January 28, 1994

DEPARTMENT OF NATURAL RESOURCES

H. W THOMPSON
COMMISSIONER AND
ASSISTANT SECRETARY

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

ATTN: James Chafin

Re: WELL Estate of M O Miller MD
SERIAL 207080 WELL NO 001
FIELD Crab Lake
PARISH Cameron SEC/TWN/RNG 020/15S/05W
APPL NO 012503
FOR Annular Disposal

Gentlemen:

This Office has reviewed and accepted the radioactive tracer surveys run October 1, 1993, and January 22, 1994, on the above-referenced well.

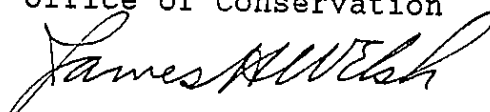
We hereby give approval to utilize the referenced well for annular injection of produced fluids for a period of one (1) year from the date the first radioactive tracer survey was run. **THIS PERMIT EXPIRES ON OCTOBER 1, 1994.** Only water produced from this well and the Estate of M O Miller MD No. 002 (SN 208011) 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 675 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.

Sincerely,

H. W. THOMPSON, Commissioner
Office of Conservation


James H. Welsh, Director
Injection and Mining Division

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

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS
...\$100.00

207080 SERIAL NO DATE 07/14/94 EFFECTIVE 06/01/94

CURRENT CODES
012 PARISH CAMERON DISTRICT LAFAYETTE
3000 FIELD CRAB LAKE
6213 OPERATOR VINTAGE PETROLEUM, INC.
2 PRODUCT 4200 ONE WILLIAMS CENTER
L000943 MA TULSA, OK 74172

3-207080 WELL NAME ESTATE OF M O MILLER MD NO. 001
LOCATION OF WELL SEC 020 T 15S R 05W
FORMER OPERATOR NAME: LINDER OIL CO. A PARTNERSHIP 3466

APPLICABLE OFFICE OF CONSERVATION ORDER

H. W. THOMPSON FELIX J. BOUDREAUX

COMMISSIONER WELL FILE ISSUING AUTHORITY



M J "MIKE" FOSTER, JR
GOVERNOR

JACK C CALDWELL
SECRETARY

GEORGE L CARMOUCHE
COMMISSIONER AND
ASSISTANT SECRETARY

MAY 21, 1996

DEPARTMENT OF NATURAL RESOURCES

VINTAGE PETROLEUM INC (6213)
4200 ONE WILLIAMS CENTER
TULSA, OK 74172

ATTN: JOHN CONNOLLY - AGENT

Re: WELL ESTATE OF M O MILLER MD
SERIAL 207080 WELL NO 001
FIELD CRAB LAKE
PARISH CAMERON SEC/TWN/RNG 020/15S/05W
APPL NO 014891
FOR ANNULAR DISPOSAL

Gentlemen:

This Office has reviewed and accepted the radioactive tracer survey run January 18, 1996, 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 from the date the radioactive tracer survey was run. THIS PERMIT EXPIRES ON JANUARY 18, 1997. Only water produced from this well and the ESTATE OF M O MILLER MD NO. 002 (SN 208011) 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 675 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.

Sincerely,

GEORGE L. CARMOUCHE, COMMISSIONER
Office of Conservation


Carroll D. Wascom, Director
Injection and Mining Division

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 & Mining Division at the address below. This report is to be filed on Form UIC-10 during the first quarter of the next calendar year.

NOTE: A Form UIC-10 for the subject well will be mailed to you by this office at the appropriate time.

Written notification is required when injection in the subject well has been discontinued.

OFFICE OF CONSERVATION
INJECTION & MINING DIVISION
P. O. BOX 94275
BATON ROUGE, LA 70804-9275



MJ "MIKE" FOSTER, JR
GOVERNOR

JACK C CALDWELL
SECRETARY

DEPARTMENT OF NATURAL RESOURCES

FEBRUARY 12, 1997

GEORGE L CARMOUCHE
COMMISSIONER AND
ASSISTANT SECRETARY

VINTAGE PETROLEUM, INC. (6213)
4200 ONE WILLIAMS CENTER
TULSA, OK 74172

ATTN: JOHN T. CONNOLLY

Re: WELL ESTATE OF M O MILLER MD
SERIAL 207080 WELL NO 001
FIELD CRAB LAKE
PARISH CAMERON SEC/TWN/RNG 020/15S/05W
APPL NO 015786
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 FEBRUARY 12, 1998.** Only water produced from this well and the ESTATE OF M O MILLER MD NO. 002 (SN 208011) 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 675 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.

Sincerely,

GEORGE L. CARMOUCHE, COMMISSIONER
Office of Conservation

A handwritten signature in cursive script that reads "Carroll D. Wascom".

Carroll D. Wascom, Director
Injection and Mining Division

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 & Mining Division at the address below. This report is to be filed on Form UIC-10 during the first quarter of the next calendar year

NOTE: A Form UIC-10 for the subject well will be mailed to you by this office at the appropriate time.

Written notification is required when injection in the subject well has been discontinued.

OFFICE OF CONSERVATION
INJECTION & MINING DIVISION
P. O. BOX 94275
BATON ROUGE, LA 70804-9275

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS
...\$105.00

207080 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.
1 PRODUCT 401 EDWARDS STREET
LN000045 MA SUITE 200
SHREVEPORT, LA 71101

1-045373 WELL NAME ESTATE OF M O MILLER MD NO. 001
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 WELL FILE ISSUING AUTHORITY



JUL 13 1998

Office of Conservation
Well Files
Baton Rouge, LA

WELL HISTORY AND WORK RESUME REPORT

FIELD

CRAB LAKE

SERIAL NO

207080

PRODUCING INTERVAL

JUL - 2 1998

RESERVOIR (COMPANY SAND IDENTIFICATION) OF CONSERVATION
10.900-05' DIL LAFAYETTE

CHRIS A-1

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

06/25/98

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. 1

PARISH

Cameron

SEC 20 TWP 15S RGE 05W

DATE PERMIT ISSUED

10/20/87

DATE SPUNDED

M D Y 12/10/87

DATE READY TO PRODUCE*

N/A

TOTAL DEPTH

12,990'

PBTD

11,099'

GROUND ELEVATION

+1.5'

CASING HEAD FLANGE ELEVATION

+2.5'

DISTANCE FROM RKB TO CHF

22'

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/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

10.751'

DEPTH OF PACKER(S)

Baker "FH" Pkr @ 10.705'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
81 BOPD	42 MCF/DAY	519 CF/BBL	16 /64"	Flowing
FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BS&W
550 psig	800 psig	-0-	364 BPD	0.1 %
GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED	
41 (est) °API @ 60°F	N/A	Kim Mullings, Engineer	06/27/98	

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

[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# 988-98	06/08/98	LA Swabbing Rig	Cut 2-3/8" tbg @ 11,150' (15' above stuck Bkr "FH" pkr @ 11,165') GIH & set CIBP @ 11,090' & dump 10' cmt to isolate depleted "CL Sand" perms @ 11,858-89', block squeeze @ 10,920-22' & 10,884-86' w/ 100 sxs and recomplete to "Chris A-1" Sand @ 10,900-05' DIL
"	06/09/98	HTS Wireline	
"	through	"	
"	06/25/98	"	

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

FORMATION	DEPTH	FORMATION	DEPTH

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

 D.O.C. USE ONLY

RECEIVED STATE OF LOUISIANA
 OFFICE OF CONSERVATION
 JUL - 2 1998
 LAFAYETTE WELL COMPLETION OR RECOMPLETION REPORT
 OF CONSERVATION

DISTRICT Lafayette

CODE NUMBERS: 012, 3000, 2693, 045373

DATE: 06/29/98

PARISH: Cameron JUL 13 1998

FIELD: Crab Lake Office of Conservation

OPERATOR: Hilliard Petroleum Inc. Well Files
 Baton Rouge, LA

WELL NAME: Estate of Miller MD NO SERIAL NO: 207080

RESERVOIR: CHRIS A-1

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

DOC ORDER NO. 298

COMPLETION DATE: 06/25/98 TIME: 7:00 AM PM

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

REMARKS: Not Required.

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 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"/> 7 SEE REVERSE SIDE FOR CODE

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

<u>81</u> BOPD INITIAL PROD.	<u>42</u> MCF/DAY GAS VOLUME	<u>550</u> PSIG FLOWING TUBING PRESSURE	<u>800</u> PSIG SHUT-IN TUBING PRESSURE	<u>-0-</u> PSIG CASING PRESSURE
<u>16</u> /64" <input checked="" type="checkbox"/> 2 CHOKE SIZE	<u>364</u> BPD WATER PROD.	<u>0.1</u> % BS & W	<u>519</u> CF/BBL GOR	<u>41 (est)</u> API AT 60 F GRAVITY

PERFORATIONS 10,900-05' DIL TOTAL DEPTH 12,990

CLEARANCE & CERTIFICATION.

ADDITIONAL CLEARANCE IS REQUESTED FOR 473 BBLS OF OIL PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST (SEE SECTION X PARAGRAPH B OR ORDER 29-B ON REVERSE SIDE)

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 Files
 Baton Rouge LA

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

Kevin Strickland
 SIGNATURE
 Hilliard Petroleum Inc
 OPERATOR
 Agent
 TITLE

JUL 13 1998

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

RECEIVED

NOV 02 1999

OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

District Lafayette
Field Crab Lake 2000
Parish Cameron 012
Operator Hilliard Petroleum Inc. Code 02693
Sec 20 TWP 15S RGE 5W Test Date 10 / 28 / 99

INPUT TYPE
1 - OC Only
 2 - Original
11
3 - Correction
12 Mo Day Yr

TYPE OF WELL

1 I-OIL
 2-GAS
18

TYPE OF TEST

1 I-COMPLETION
 2-RECOMPLETION
 3-RETEST
19

PRODUCING METHOD

F-FLOWING
 P-PUMPING
 20 G-GASLIFT

WELL SERIAL NO	WELL NAME	WELL NO	NAME OF RESERVOIR
207080	Estate of M O Miller MD	1	Chris A-1

27

TOTAL DEPTH	PERFORATED INTERVAL FROM	PERFORATED INTERVAL TO	CHOKE	OIL BBL/DAY	COND BBL/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
12,990'	10,900	10,905	14/64"	173	-	120	.693

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
38	500	74%	1500	50	06	25	98

76 80 86 89 95 101

CLOSE TANK / METER GAUGE 11-0 @ 11 AM TIME
OPEN TANK / METER GAUGE 8-4 @ 11 AM TIME
DIFFERENCE 4-4 IN 24 HOURS
TANK / METER NO 11822 TANK COEF 5.41

STATIC PRES 200 DIFFERENTIAL PRES 2 LINE SIZE 2
PLATE SIZE 250 COEFFICIENT _____ METER SPRING & DIFF RANGE 1500 / 100

REMARKS Testing for Allowable

WITNESSED BY R.W. Jordan GAUGED BY Lee Davis
TITLE CEA TITLE _____

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

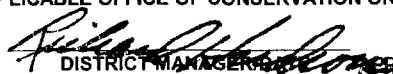
207080 SERIAL NO. DATE 04/17/2002 EFFECTIVE 04/01/2002
12 PARISH CAMERON DISTRICT LAFAYETTE
3000 FIELD CRAB LAKE
A112 OPERATOR ANDERSON EXPLORATION CO., INC.
10 PRODUCT P. O. BOX 1411
1632 HODGES STREET
LAKE CHARLES, LA 70602-1411

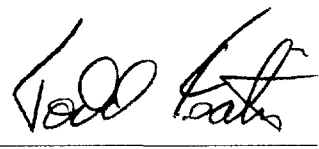
1-045373 WELL NAME ESTATE OF M O MILLER MD
LOCATION OF WELL SEC 020 T 15S R 05W M W
FORMER OPERATOR 2693 HILLIARD PETROLEUM INC.

NO. 001

FOR OFFICE USE ONLY - NOT AN APPLICATION

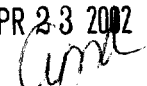
APPLICABLE OFFICE OF CONSERVATION ORDER 29B


DISTRICT MANAGER



APR 17 2002 ISSUING AUTHORITY/DATE

BATON ROUGE COPY

APR 23 2002


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
207080 ✓	Estate of M O Miller MD ✓	1 ✓	oil 1 ✓
208011 ✓	Estate of M O Miller MD ✓	2 ✓	incapable 12 gas ✓
972850 ✓	M O Miller MD SWD ✓	1 ✓	ST 22 SWD ✓
208598 ✓	ESTATE OF M O MILLER MD ✓	001-D ✓	ST:22 ✓
208599 ✓	ESTATE OF M O MILLER MD ✓	002-D ✓	ST:22 ✓
6	APR 16 2002		
7	OFFICE OF CONSERVATION LAFAYETTE DISTRICT		
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