

PERFORATING DATA SHEET

Permit Verbal
LANE-WELLS COMPANY

Number Jobs This Trip ONE LAND

District SO La Operating Base L.C Date 1-24-58 S. O. # 53983
 Truck No. 357 Operator J. T. FRANKS Helper LACASSE
 Customer Forest Oil Corp. Authorized Agent M.H.
 Name of Well Dr. M. O. Miller No. 7 Field CRAB LAKE
 State LA. County/Parish Cameron

Job Scheduled _____ A.M. Arrived At _____ Location _____ A.M.
 P.M. P.M. Landing _____ P.M.

On Job _____ A.M. Off Job _____ A.M.
 P.M. M. Res. P.M. M. Res.

Standby Time _____ Max. Temp. _____ ° F.

New or Old Well old Purpose of Perforating PROD Kind of Fluid Mud 104-70 Level 11

Casing Record 5 1/2 40# Cemented In _____ Liner Record _____ Cemented In _____

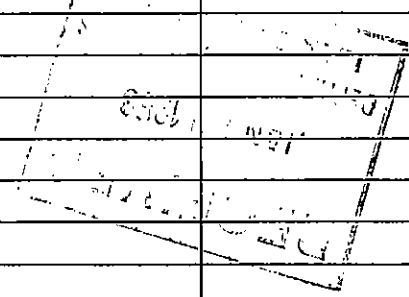
Customer's Depth 12555 Measure Method STRAIN Zero Point 5'80 A.R.T.

Lane-Wells Depth _____ Size Gun 3 3/8 No. _____ No. _____ Type None Controller No. _____ No. _____

Ks Bullet Size 104 Holes from 12550 to 12524 Ft. Holes from _____ to _____ Ft.

Holes from _____ to _____ Ft. Shooting Zones Approved By: Frank Title _____

Run No.	Run No.	Run No.	Run No.	Run No.	Run No.
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WORK ORDER PERFORATING GUNS ATLAS CORPORATION

No. 33854 **A**

BRANCH Lake Charles

DATE 2-5-58

THIS WORK performed in accordance with terms and conditions specified on reverse side hereof, which we hereby approve and accept.
Pricing, indicated hereon, subject to correction by our Invoicing Department, in accordance with latest price schedules.

CUSTOMER Forest Oil Corp. By K.H. Ault

ADDRESS Box 1125 O.C.S. Lafayette, LA.

WELL NAME & NO. M.D. Miller # 7 FIELD Crab Lake

COUNTY & STATE CAMERON, LA.

SERVICE CHARGE: (For a series of operations performed on the same set-up, only one service charge will be made) \$150.00

PERFORATE

From Depth	To Depth	Shots Per Foot	No. Shots in Area	Casing Size	Type of Perforating	Net Price
12550	12527	4	92	5 1/2-20	Bullet	

WIRE LINE BRIDGE PLUG

Size & Type	Depth	Serial Number	Brand Name	Casing Size	Casing Weight	Net Price

WIRE LINE OR OTHER SERVICE CHARGES

Setting Service with junk catcher run included		
Operating time after first 3 hours (In connection with Wire Line Services) Hrs. @ \$15.00/hr/	7	105
Stand-by time charged @ \$10.00/hr.		

Time Arrived on Job 9:00 ^{A.M.} ~~P.M.~~ 2-4 1958 Time of Leaving Job 2:00 ^{A.M.} ~~P.M.~~ 2-5 1958

Mileage One Way 60 Truck No. PV-48 Operator M.L. Cupit

GENERAL CONDITIONS ATTENDING ALL SERVICES OF PGAC

TERMS OF PAYMENT: All accounts for the use and service of men, material and equipment furnished by PGAC shall be due in accordance with the invoice rendered. All accounts remaining unpaid after the expiration of 30 days from the date said use and service was furnished shall bear interest at the rate of 6% per annum. In the event the enforcement of the claim for indebtedness arising hereunder is placed in the hands of a collecting agency and/or an attorney for collection, the customer agrees to pay an extra charge of 10% of the total amount for collection fees.

DIRECTION AND SUPERVISION: PGAC in rendering services requested by the customer, does so as an independent contractor, recognizing that at all times the customer has complete custody and control of the well, the conditions created in the well, the drilling equipment and the well premises. A responsible representative of the customer must be present during the performance of our services, for the protection of both the customer and PGAC.

INFORMATION: Information obtained as a result of our services is held in strict confidence and will be released to others only upon written approval of the customer.

INSURANCE: PGAC agrees to carry at its own cost compensation insurance on its employees and public liability insurance on its operations.

CONDITION OF CUSTOMER'S PROPERTY: Customer certifies that the well in which the work ordered to be done is in proper and suitable condition for the performance of said work.

DAMAGES AND INJURIES: Due to the uncertain and unknown conditions and the incidental hazards under which the use and service of the men, material and equipment of PGAC is furnished to the customer, PGAC cannot be liable for injuries to persons or damages to property. Customer agrees that it will not hold PGAC or any of its agents liable for any damages of any kind to customer's well, be the same above or below the surface arising from any cause whatsoever. All the preceding terms and conditions shall also apply in favor of any manufacturer or supplier of any equipment that PGAC may use in the well.

LOSS OF EQUIPMENT: In the event that tools or equipment of PGAC should be lost in the performance of the work ordered, customer agrees to either recover the property lost without cost to PGAC or to pay for same.

TRANSPORTATION OF EQUIPMENT TO WELL: If in order to gain access to or return from the well to be serviced, it is necessary to repair roadbeds, or to provide tractors, barges or other special means of transportation for PGAC trucks, equipment or personnel, such shall be arranged and paid for by the customer.

BARGE JOBS: An additional charge of \$100 per round trip will be made when work is performed by a unit operating from a barge.

TOW SERVICE: When provided by PGAC tow service is charged \$150.00 for the first twenty-four hours or fraction. Each additional hour in excess of twenty-four is charged at \$10.00 per hour.

MILEAGE CHARGE: There is a free mileage zone of 150 miles driving radius from any one of our stations. The round trip mileage charge for every mile driven outside the free mileage zone is 50¢ per mile.

STAND-BY TIME: Stand-by Time is all that time spent at customer's location other than actual operating time. It includes periods PGAC is required to wait because of well conditions, testing, reconditioning, or customer's request. Time required for extra set-up or tear-down of PGAC equipment is considered Stand-by Time. Stand-by Time will be computed from the time PGAC equipment or crew arrives on location or the time scheduled by the customer, whichever is later.

When PGAC equipment is waiting at one well and is released to service another well, Stand-by Time will not apply against the first well while the equipment is away, but will be resumed upon return.

An allowance of 10 free hours will be made on Stand-by Time prior to commencement of first operation.

An allowance of 5 free hours of Stand-by Time is allowed for each different type of service performed on the same set-up.

Beyond these allowances, charge will be made at the rate of \$15.00 per hour.

COMBINING OF JOBS: Only those services performed on the same trip to the well will be combined under a single service charge. The release of PGAC crew and equipment will terminate the operation except when temporarily released at PGAC request to service another well.

INCOMPLETED OPERATIONS: No charge is applied if the operation is not completed due to failure of PGAC equipment.

If an operation is attempted but cannot be completed due to well conditions, charges will be applied as follows:

- (1) Service Charge \$150.00.
- (2) Stand-by Charge if applicable.
- (3) Mileage Charge if applicable.

If an operation is cancelled by a customer on arrival at well, round trip mileage will be charged from the nearest location without the 300 mile mileage exemption. In case of a barge job, Stand-by Time is charged from the time the unit left the base until returned.

In both cases of an attempted job or of a cancelled job the towing charge is made, if applicable.

TAXES: Any tax based on the sale of tangible personal property and/or the rendering of services ordered shall be added to the stated price.

PRICE CHANGES: Prices are subject to change at any time.

No employee of PGAC is empowered to alter the published prices or the above terms and conditions.

WORK ORDER PERFORATING GUNS ATLAS CORPORATION

No. 33856 A

BRANCH Lake Charles

DATE 2-9-58

THIS WORK performed in accordance with terms and conditions specified on reverse side hereof, which we hereby approve and accept. Pricing, indicated hereon, subject to correction by our Invoicing Department, in accordance with latest price schedules.

CUSTOMER Forest Oil Corp. By K. H. Ault

ADDRESS Box 1125 O. L. S., Lafayette, LA.

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COUNTY & STATE CAMERON, LA.

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PERFORATE

From Depth	To Depth	Shots Per Foot	No. Shots in Area	Casing Size	Type of Perforating	Net Price
<u>11010</u>	<u>11011</u>	<u>4</u>	<u>4</u>	<u>5 1/2-20</u>	<u>Jet</u>	

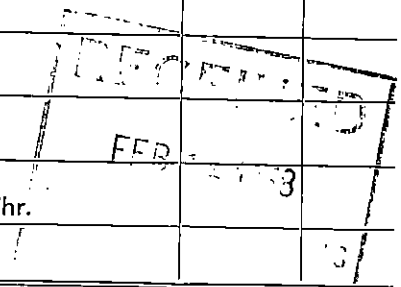
WIRE LINE BRIDGE PLUG

Size & Type	Depth	Serial Number	Brand Name	Casing Size	Casing Weight	Net Price

WIRE LINE OR OTHER SERVICE CHARGES

Setting Service with junk catcher run included

Baker Cement Retainer set @ 10995



Operating time after first 3 hours (In connection with Wire Line Services) Hrs. @ \$15.00/hr.

and-by time charged @ \$10.00/hr.

Arrived on Job 1:30 ^{A.M.}/_{P.M.} 2-9 1958 Time of Leaving Job 1:15 ^{A.M.}/_{P.M.} 2-9 1958

mileage One Way 60 Truck No. PU-48 Operator M. L. Cupit

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WORK RESUME

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

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
1034-74	10-7-74	Eastern Wire-line Services, Inc.	<p>Ran depth determination to 9912'</p> <p>Shaped charge thru-tubing. Perforated @ 9891' to 9897' - 24 holes with premium charges in 5 1/2" casing.</p>

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

FORMATION	DEPTH	FORMATION	DEPTH

DEPT. CONSERVATION

APR 28 1975 DEPT. CONSERVATION

LAKE CHARLES APR 18 1975

LAKE CHARLES

TWP 15 S R 5 W

A MAP OF SURVEY SHOWING
FOREST OIL CORPORATION

OIL WELL LOCATION
SECTION 29 TWP 15 S R 5 W
CAMERON PARISH LOUISIANA



WELL LOCATION : FOREST OIL CORPORATION
DR. M.O. MILLER # 7
LOCATED FROM NE COR SEC 29,
TWP 15 S, R 5 W; THENCE
1254.1' SOUTH, THENCE
2625.4' WEST

REFERENCE
CORNER
3" X 6"
CONCRETE
POST

SEC 19

SEC 20

SEC 21

PROPERTY OF DR. M.O. MILLER

M.O. MILLER
NO 6
DRILLING

NE 1/4 - 2850
1254.1'
M.O MILLER
NO. 5 1350
SW 1/4

5280'
SOUTH

5362.5'

2681.25'

M.O. MILLER
NO. 2

M.O. MILLER
NO. 1
PLUG

M.O. MILLER
NO 3

DR. M.O. MILLER
NO 4
DRY

2625.4
FOREST OIL CORPORATION
M.O. MILLER
NO 7

PROPERTY OF: DR. M.O. MILLER

SEC 30

SEC 29

SEC 28

DR. M. O. MILLER

5280'
NORTH

DR. M.O. MILLER

5280'

PROPERTY OF



2681.25'

5362.5'

I HEREBY CERTIFY THAT I HAVE STAKED THE
ABOVE WELL LOCATION AS SHOWN ON THIS PLAT
IN SECTION 29.

Fred L. Colomb

FRED L. COLOMB LA. REG. NO. 145
SCALE 1" = 1000' 21 JANUARY 1955

Handwritten notes: 30, 9.10, 21



FOREST OIL CORPORATION

Station 2, Box 1401, Lafayette, Louisiana

January 26, 1955

Department of Conservation
Minerals Division
Schindler Building
Lake Charles, Louisiana

Gentlemen:

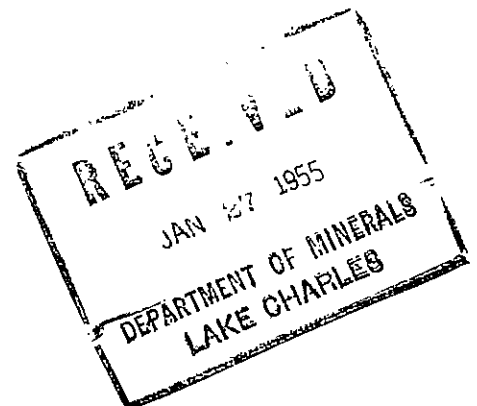
Attached hereto is Collection Draft in the amount of \$50.00, two (2) copies of Location Plat, and two (2) copies of Application for Drilling Permit for drilling Dr. M. O. Miller No. 7, Cameron Parish, Louisiana.

Very truly yours,

FOREST OIL CORPORATION

BY *J. C. Willis*
J. C. Willis -
District Engineer.

JCW..rra
Attach.
cc: File



January 27, 1955

Mr. Thos. M. Winfiele, Chief Eng.
Department of Conservation
State Capitol Building
Baton Rouge, Louisiana

Dear Sir:

Find enclosed check for \$50.00 covering permit fee, application of Forest Oil Corporation to drill their Dr. M. O. Miller No. 7, Crab Lake Field, Cameron Parish, Louisiana.

Yours very truly,



ARSENE P. EDWARDS
District Manager
Lake Charles, La.

APE:dmb

Encl.

87279

RECEIVED
FEB 12 1955
DEPARTMENT OF MINERALS
LAKE CHARLES

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

AFFIDAVIT OF TEST OF CASING IN WELL

WORK PERMIT NO. _____
WELL SERIAL NO. _____

DATE WORK DONE 2/11/55

(One copy to be filed with the District Office)

NOTE:

THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Calcasieu FIELD Calcasieu SEC. 29 TWP. 18 RGE. 5

COMPANY Forest Oil Corp LEASE 10000000 WELL NO. 1

TOTAL DEPTH 3525

SIZE OF CASING 10 3/4 IN. WT. PER FT. 15 1/2 #: MAKE GT

NO. OF THREADS PER IN. 8 GRADE 955 SEAMLESS — NET. 2ND

IF SECOND HAND, WAS PIPE TESTED: _____ DESCRIBE _____

DEPTH LANDED BELOW DERRICK FLOOR 35-13 FT. SACKS OF CEMENT 1750

SIZE OF HOLE 15 IN.: AMOUNT OF CEMENT LEFT IN PIPE 45

METHOD OF CEMENTING AB CEMENT SET 12 HOURS UNDER 800 LBS.

PRESSURE _____ TOTAL TIME SET _____ HOURS

DETAIL OF PRESSURE TEST BEFORE DRILLING PLUG

DATE OF TEST: 2-11 1955 GAUGE PRESSURE ON CASING 1400 LBS.

PRESSURE AT END OF 30 MINUTES 1400 DROP None LBS.

TEST FLUID: WATER — MUD — LBS. PER GAS: _____ VISCOSITY _____ SEC.

REMARKS: Forest Oil Corp
None

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

SIGNED: Forest Oil Corp
COMPANY

WITNESS: Don [Signature]

WORK PERMIT

PERMIT TO Perforate DATE March 30, 1955
PARISH Cameron FIELD Crab Lake
COMPANY Forest Oil Corp.
ADDRESS 1229 Milam bldg., San Antonio, Texas
WELL NAME Dr. M. O. Miller No. 7 SEC. 29 T. 15S 5W
WELL PERMIT SERIAL No. 55394 WORK PERMIT No. _____
LOCATION From NE/c of Sec. 29, thence 1254.1' S, thence
2625.4' W.

YOU ARE HEREBY AUTHORIZED TO Perforate by Schlumberger
from 12545-12558'.

PERMIT REQUESTED BY JOHN C. WILLIS TD 12,750'
Company Representative

AUTHORIZED BY _____
ARSENE P. EDWARDS
Lake Charles, La.

RECEIVED
 APR 1 1955
 DEPARTMENT OF MINERALS
 LAKE CHARLES

DEPARTMENT OF CONSERVATION
 STATE OF LOUISIANA

AFFIDAVIT OF TEST OF CASING IN WELL

WORK PERMIT NO. 49935
 WELL SERIAL NO. 55394

DATE WORK DONE 4-1-55

(One copy to be filed with the District Office)

NOTE:

THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Cameron FIELD Cash Lake SEC. 29 TWP 15 RGE 5

COMPANY Forestal Co LEASE McMulla WELL NO. 7

TOTAL DEPTH 12750

SIZE OF CASING 5 1/2 IN: WT. PER FT. 17.20 #: MAKE J&L

NO. OF THREADS PER IN. 8 GRADE 780 SEAMLESS NEW 2ND

IF SECOND HAND, WAS PIPE TESTED: _____ DESCRIBE _____

DEPTH LANDED BELO. DERRICK FLOOR 12748 FT. SACKS OF CEMENT 1125

SIZE OF HOLE 9 7/8 IN.: AMOUNT OF CEMENT LEFT IN PIPE 42

METHOD OF CEMENTING N/P CEMENT SET 12 HOURS UNDER 500 LBS.

PRESSURE _____ TOTAL TIME SET _____ HOURS

DETAIL OF PRESSURE TEST BEFORE DRILLING PLUG

DATE OF TEST: 4-1-1955 GAUGE PRESSURE ON CASING 1500 LBS.

PRESSURE AT END OF 30 MINUTES 1500 DROP none LBS.

TEST FLUID: WATER ✓ MUD _____ LBS. PER GAS: VISCOSITY _____ SEC.

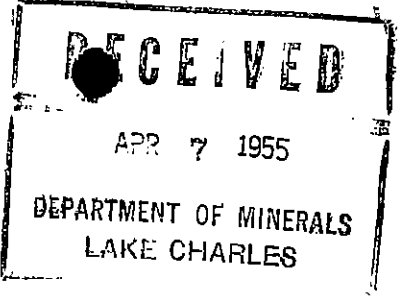
REMARKS: Blowout Prevention Master Valve

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

SIGNED: Forestal Corp.
 COMPANY

WITNESS: [Signature]
[Signature]

Lewis Hammett
 Representative



DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

-PERFORATING RECORD -

DATE WORK DONE 4-2-55

WORK PERMIT NO. LC #47
WORK SERIAL NO. 55394

(One Copy to be filed with the District Office)

NOTE

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PARISH Cameron FIELD Crab Lake SEC 29 TWP 15S RGE 5W

COMPANY Forest Oil Corp. LEASE Dr. M. O. Miller WELL NO. 7

TOTAL DEPTH 12,750' NEW OR OLD WELL New

SIZE CASING 5 1/2" DEPTH OF CASING 12,748'

DEPTH OF PLUG BELOW PERFORATIONS 140'

PERFORATED FROM 12,545' TO 12,560'

NUMBER OF HOLES 45 Jet & 45-Bullet SIZE OF HOLES 3/8"

PERFORATING COMPANY Lane Wells TRUCK NUMBER X

PURPOSE OF PERFORATIONS For D.S.T.

REMARKS _____

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION.

SIGNED FOREST OIL CORPORATION
C O M P A N Y

J. C. Hillis
Representative

POTENTIAL REPORT

Type Well: Oil _____ Gas _____ Distillate _____

Type Test: Comp. _____ Recomp. _____ Retest _____ Regauge _____

Parish CAMERON Field CRAB LIKE

Company HERBERT OIL Serial No. 55394

Well Name & No. DR. M. O. MILLER #7

Location: Sec. 29 Twp. 15 Rge. 5 Flowing _____ Pump _____

Prod. Horizon _____ Perf. Int. 12,595 to 12,560

Casing Setting: Size 5 1/2 @ 12,747

Tubing Setting: Size 2" @ 12,590 T.D. 12,750

Date Completed 4-6-55 Date Gauged 6-29-57

Acidize with _____ gals. Elev. of Derr. Floor _____

TEST DATE

T. P. 3000 C. P. 0 Choke Size 29 /64th

Closing TK Gge. 4 ft. 10 1/4 in. @ _____ Time

Opening TK Gge. 4 ft. 2 1/2 in. @ _____ Time

Diff. 7 3/4 ft. in. 4 Hours (Time)

Tank No. 7 Tank Coef. 1.16

Bbls. Per 7 Hrs. 8.97 Est. Bbls. Per Day 57.98

Daily Gas Vol. 3156 *M.C.F. G/O Ratio 575/1

B.S.&W. 0 % Corrected Gravity 78.3 Deg. A.P.I.

Witnessed M.C. West Title Engineer

Gauged by Sam J. [Signature] Title Department of Conservation

District Office [Signature]

Remarks: 3" x 1 7/8 orifice static 480 # @ 35" diff 50" x 1000 # Chart

* Thousands Well turned on 6-20-57

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side 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-A

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, 1942."

T E S T D A T A

DATE OF TEST	TIME OF TEST	AMOUNT OF OIL PRODUCED
_____	_____ H. TO _____ M.	_____ BARRELS
_____	_____ H. TO _____ M.	_____ BARRELS
_____	_____ H. TO _____ M.	_____ BARRELS
_____	_____ H. TO _____ M.	_____ BARRELS
_____	_____ M. TO _____ M.	_____ BARRELS
_____	_____ H. TO _____ M.	_____ BARRELS
_____	_____ M. TO _____ M.	_____ BARRELS
_____	_____ M. TO _____ M.	_____ BARRELS
_____	_____ H. TO _____ M.	_____ BARRELS
_____	_____ M. TO _____ M.	_____ BARRELS
_____	_____ H. TO _____ M.	_____ BARRELS
TOTAL _____		_____ BARRELS

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

REMARKS. _____

C O M P A N Y

Company Representative

PERFORATING DATA SHEET

LANE-WELLS COMPANY

District SO. LA. Operating Base LAKE CHAS. Number Jobs This Trip ONE
 Truck No. 300 Operator JORDAN Date 4-1-55 S. O. # 90839
 Customer FURREST OIL CO. Helper GASAWAY
 Name of Well DR. M. O. MILLER Authorized Agent HAMMETT
 State LOUISIANA No. 7 Field CRAB LAKE
 County/Parish CAMERON

Job Scheduled 4-1-55 AFTER 7:30 A.M. Arrived At AFTER R/A Location AFTER R/A
 On Job 4-2-55 7:30 A.M. M. Res. 60 Off Job 6:30 A.M. M. Res. 60

Standby Time WAIT ON CREW TO PUT UP NIPPLE Max. Temp. 60 ° F.
 New or Old Well NEW Purpose of Perforating PROD. Kind of Fluid 14.3# MUD level FULL

Casing Record 5 1/2" - 17' Cemented In 8 7/8" HOLES Liner Record NONE
 Customer's Depth 12,701 Measure Method STDG. Zerp Point ABOVE ROTARY

Lane-Wells Depth 12,710 Size Gun 3 3/8" No. 90 Type KONE C E Controller No. No.
 Bullet Size 1 1/32 Holes from 12,558 to 12,543 Ft. Holes from to Ft.
 Holes from to Ft. Shooting Zones Approved By: Law Hammett Title

Run No.	Run No.	Run No.	Run No.	Run No.	Run No.
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RECEIVED

APR 7 1955

DEPARTMENT OF MINERALS

LAKE CHARLES

F O R E S T O I L C O R P O R A T I O N



Station 2, Box 1401, Lafayette, Louisiana

April 8, 1955

Mr. A. P. Edwards
Department of Conservation
Schindler Building
Ryan Street
Lake Charles, Louisiana

RE: DR. M. O. MILLER #7

Dear Sir:

This well is a temporarily shut-in gas well waiting for market outlet. When market outlet is available, we will run a completion test and forward you a completion form.

Yours very truly,

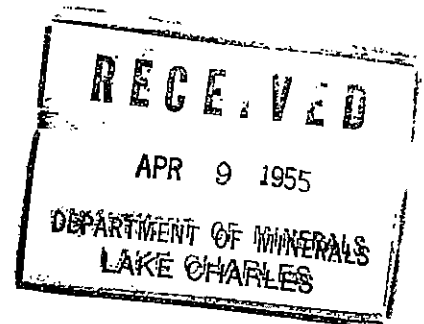
FOREST OIL CORPORATION

BY

J. C. Willis

J. C. Willis -
Dist. Engr.

JCW..rra
cc: File



8
April 15, 1955

Mr. Thos. H. Winfield, Chief Eng.
Department of Conservation
State Capitol Building
Baton Rouge, Louisiana

Dear Sir:

Find enclosed copy of Electrical Log and Log of Well
of Forest Oil Corporation's Dr. X. O. Miller No. 7, Crab
Lake Field, Cameron Parish, Louisiana. Serial No. 55394.

Yours very truly,

ARSENÉ P. EDWARDS
District Manager
Lake Charles, La.

APB:dmb

Encl.

2 cc: State Geologist
Baton Rouge, La.

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

GAS CLEARANCE

Forest Oil Corporation
Station 2 Box 1401
Lafayette, Louisiana

Date June 25, 19 57

COMPLETION: X

CORRECTION: _____

RECOMPLETION: _____

SERIAL NO.: 55395

Gentlemen:

This will be your authority to produce your Dr. H. G. Miller

No. 7, gas well, Grab Lake Field

Cameron Parish, Louisiana,

at the rate of 2000 MCF per day, from: July 1

through the month or months of July, August & September, 19 57.

No gas from this well may be flared and immediate notice of any cessation of market must be given this office. Liquid hydrocarbons produced from this well are legal and must be reported on statewide production Form R-1, revised.

Remarks: _____

Yours very truly,

JOHN B. HUSSEY, Commissioner,

By _____ Manager

ARSENE P. EDWARDS
District Manager District

APE:dmb
cc: Pure Transportation Co., Box 239, Houston, Tex.
cc: Dept. of Conservation, Baton Rouge, La.
cc: Dept. of Interior, Lafayette, La.

WORK PERMIT

PERMIT TO Squeeze & Perforate DATE January 2, 1958
PARISH Cameron FIELD Crab Lake
COMPANY Forest Oil Corporation
ADDRESS 1229 Milam Building, San Antonio, Texas
WELL NAME M. O. Miller No. 7 SEC. 29 T 15S R 5W
WELL PERMIT SERIAL No. 55394 WORK PERMIT No. _____
LOCATION From NE corner of Section 29, thence 1254.1'
South, thence 2625.4' West.

YOU ARE HEREBY AUTHORIZED TO Squeeze perforations 12545-
12558' & drill stem test. If test is dry, perforate
12526-12553'.

PERMIT REQUESTED BY JOHN C. WILLIS TD 12750'
Company Representative

AUTHORIZED BY ARSBREE P. EDWARDS
District Office
Lake Charles, La.

RECEIVED
JAN 27 1958
DEPARTMENT OF CONSERVATION
LAKE CHARLES

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA
- PERFORATING RECORD -

WORK PERMIT NO. _____
WORK SERIAL NO. 55394

DATE WORK DONE 1-24-58

(One copy to be filed with the District Office)

NOTE:

THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Cameron FIELD Creek Lake SEC. 29 TWP 15 RGE 5
COMPANY Forestal Co LEASE McMillen WELL NO. 7
TOTAL DEPTH 12701 FB NEW OR OLD WELL old
SIZE CASING 5 1/2 DEPTH OF CASING 12749
DEPTH OF PLUG BELOW PERFORATIONS _____

PERFORATED FROM 12526 TO 12552 EL

NUMBER OF HOLES 1004 SIZE OF HOLES 5/8

PERFORATING COMPANY Lane Mills TRUCK NUMBER 357

PURPOSE OF PERFORATIONS For Production

REMARKS: Blowout Preventer, Master
Valve, Shifting nipple
Lane Well Parkway 12524-12550 SW

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION.

[Signature]

SIGNED: Forestal Corp
COMPANY
Lane Hammett
REPRESENTATIVE

WORK PERMIT

PERMIT TO Squeeze & Perforate DATE January 27, 1958
PARISH Cameron FIELD Crab Lake
COMPANY Forest Oil Corporation
ADDRESS Box 1125 OCS, Lafayette, La.
WELL NAME M. O. Miller No. 7 SEC 29 T 15S R 5W
WELL PERMIT SERIAL No. 55394 WORK PERMIT No. _____
LOCATION FROM NE cor. of Sec. 29, thence 1254.1' South,
thence 2625.4' West.
YOU ARE HEREBY AUTHORIZED TO Squeeze perforations 12526' -
12560' and reperforate from 12526' - 12550' for
production.

PERMIT REQUESTED BY JOHN C. WILLIS TD 12749'
Company Representative

AUTHORIZED BY ARSENE P. EDWARDS
District Office
Lake Charles, La.

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

RECEIVED
FEB 5 1958

-SQUEEZE AND PERFORATE RECORD-

DATE WORK DONE Feb 2, 1958

LAKE CHAR
WORK PERMIT NO.
WELL SERIAL NO. 55394

(One copy to be filed with the District Office)

NOTE:

THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Cameron FIELD Crat Lake SEC 29 TWP 15S RGE 5W
COMPANY Forest Oil Corp LEASE M.O. Miller WELL NO. 7
TOTAL DEPTH 12800 NEW OR OLD WELL old
SIZE OF CASING 5 1/2 DEPTH OF CASING 12747
METHOD OF PLACING CEMENT HOWCO DM retainer
WHERE CEMENT RETAINER SET: DEPTH 12500 FT.
ZONE OF SQUEEZE FROM 12524 TO 12550
NUMBER OF SACKS USED 150 HOURS CEMENT SET 24
BARRELS OF WATER PUMPED BEFORE CEMENT 5 AFTER 5
BREAKDOWN PRESSURE 6800 FINAL PRESSURE 7600
SQUEEZE JOB DONE BY HOWCO
PERFORATED FROM 12527 TO 12550
NUMBER OF HOLES 92 SIZE OF HOLES 1/2
PERFORATING COMPANY PGAC TRUCK NO. 48

REMARKS: Blancir Presurizer, Master
Valve, Hydril Shunting Pipe

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

Sam J. Glass
L.C.

SIGNED: Forest Oil Corp.
COMPANY
Lewis Hammett
REPRESENTATIVE

WORK PERMIT

PERMIT TO Perforate DATE February 4, 1958
PARISH Cameron FIELD Crab Lake
COMPANY Forest Oil Corporation
ADDRESS Box 1125 OCS, Lafayette, Louisiana
WELL NAME M. O. Miller No. 7 SEC. 29 T. 15S R. 5W
WELL PERMIT SERIAL No. 55394 WORK PERMIT No. _____
LOCATION From Northeast corner of Section 29, thence 1254.1'
South, thence 2625.4' West.

YOU ARE HEREBY AUTHORIZED TO Perforate 12527' - 12550' by
Gamma Ray measurements, with 4 shots per foot.

PERMIT REQUESTED BY JOHN C. WILLIS TD. 12750'
Company Representative

AUTHORIZED BY ARSENE P. EDWARDS
District Office
Lake Charles, La.

WORK PERMIT

PERMIT TO Perforate & Squeeze DATE February 7, 1958
 PARISH Cameron FIELD Crablake
 COMPANY Forest Oil Corporation
 ADDRESS Box 1125 OCS, Lafayette, Louisiana
 WELL NAME Dr. Mc O. Miller No. 7 SEC. 29 T. 15S R. 5W
 WELL PERMIT SERIAL No. 55394 WORK PERMIT No. _____
 LOCATION From NE corner of Section 29, thence 1254.1' South,
thence 2625.4' West.
 YOU ARE HEREBY AUTHORIZED TO Perforate 11015' - 11016' with
4 jets per foot and squeeze.

TD 12749'
 PERMIT REQUESTED BY L. HAMMETT
 Company Representative

AUTHORIZED BY ARSENE P. EDWARDS
 District Office
 Lake Charles, La.

WORK PERMIT

PERMIT TO Squeeze DATE February 7, 1958
PARISH Cameron FIELD Crab Lake
COMPANY Forest Oil Corporation
ADDRESS Box 1125 OCS, Lafayette, Louisiana
WELL NAME M. O. Miller No. 7 SEC. 29 T5S R. 5W
WELL PERMIT SERIAL No. 55394 WORK PERMIT No. _____
LOCATION From NE corner of Section 29, thence 1254.1' South,
thence 2625.4' West.
YOU ARE HEREBY AUTHORIZED TO Squeeze perforations 12527' -
12550'.

PERMIT REQUESTED BY L. HAMMETT TD 12749&
Company Representative

AUTHORIZED BY ARSENE P. EDWARDS
District Office
Lake Charles, La.

WORK PERMIT

PERMIT TO Perforate DATE February 7, 1958
PARISH Cameron FIELD Grab Lake
COMPANY Forest Oil Corporation
ADDRESS Box #1125 OCS, Lafayette, Louisiana
WELL NAME M. O. Miller No. 7 SEC. 29 T. 15S R. 5W
WELL PERMIT SERIAL No. 55394 WORK PERMIT No. _____
LOCATION From NE corner of Section 29, thence 1254.1' South,
thence 2625.4' West.

YOU ARE HEREBY AUTHORIZED TO Perforate 10984' - 10989' with
4 bullets per foot for production.

PERMIT REQUESTED BY L. HAMMETT TD 12749'
Company Representative

AUTHORIZED BY _____
ARSENE P. EDWARDS
District Office
Lake Charles, La.

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

RECEIVED
FEB 12 1958
DEPARTMENT OF MINERALS
LAKE CHARLES

-SQUEEZE JOB RECORD-

DATE WORK DONE 2-6-58 WORK PERMIT NO. _____
WELL SERIAL NO. 10772

(One copy to be filed with the District Office)

NOTE:

THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Acadiana FIELD Waterloo SEC. 29 TWP. 5 RGE. 5

COMPANY ... LEASE McMillan WELL NO. ...

TOTAL DEPTH ... NEW OR OLD WELL ...

SIZE OF CASING 5 1/2 DEPTH OF CASING 12449

METHOD OF PLACING CEMENT ...

WHERE CEMENT RETAINER WAS SET: DEPTH 12246 FT.

ZONE OF SQUEEZE FROM 12246 TO 12550

NUMBER OF SACKS USED 150 HOURS SET 1 1/2

BARRELS OF WATER PUMPED BEFORE CEMENT 5 AFTER 5

BREAKDOWN PRESSURE ... FINAL PRESSURE 7200

SQUEEZE JOB DONE BY ...

REMARKS ...

...

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION

[Handwritten signature]

SIGNED: James T. ...
COMPANY

...
REPRESENTATIVE

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

RECEIVED
FEB 12 1958
DEPARTMENT OF MINERALS
LAKE CHARLES

- PERFORATE AND SQUEEZE RECORD -

DATE WORK DONE 2-9-58

WORK PERMIT NO. _____

WORK SERIAL NO. 55894

(One copy to be filed with the District Office)

N O T E:

THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH Cadiz FIELD Cadiz SEC. 29 TWP. 15 RGE. 5

COMPANY Acme LEASE McMullen WELL NO. 7

TOTAL DEPTH 12000 NEW OR OLD WELL NEW

SIZE CASING 5 1/2 DEPTH OF CASING 12747

DEPTH OF PLUG BELOW PERFORATION 1430

PERFORATED FROM 11010 TO 11011

NUMBER OF HOLES 4 SIZE OF HOLES 5 1/2

PERFORATION COMPANY P.A.C. TRUCK NUMBER 4

METHOD OF PLACING CEMENT Barrel

WHERE CEMENT RETAINER SET: DEPTH 10995 FT.

BARRELS OF WATER PUMPED BEFORE CEMENT 5 AFTER 5

BREAKDOWN PRESSURE 1600 LBS. FINAL PRESSURE 6000 LBS.

PURPOSE OF SQUEEZE JOB Block

SQUEEZE JOB DONE BY Barrel

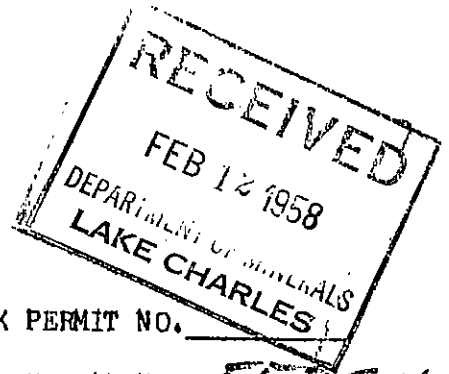
REMARKS: Retainer set 10995

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, DIVISION OF MINERALS.

SIGNED: Forest Oil Corp
COMPANY
L. Hammett
Representative

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- PERFORATING RECORD -



WORK PERMIT NO. _____

WORK SERIAL NO. 95894

DATE WORK DONE 2-11-58

(One copy to be filed with the District Office)

NOTE:

THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH CAMERON FIELD GRABLAKE SEC. 29 TWP. 5 RGE. 5

COMPANY Guaraco LEASE MOMILLER WELL NO. 9

TOTAL DEPTH 12401 NEW OR OLD WELL 21112

SIZE CASING 5 1/2 DEPTH OF CASING 12416

DEPTH OF PLUG BELOW PERFORATIONS 11

PERFORATED FROM 10970 TO 10984

NUMBER OF HOLES 20 SIZE OF HOLES 1/2

PERFORATING COMPANY PHAC TRUCK NUMBER 48

PURPOSE OF PERFORATIONS For Production

REMARKS: Blower Perforator
Water Valve: Shutting off

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION.

Sam J. Lee

SIGNED: Forest Oil Corp.
COMPANY

L. Hammett
REPRESENTATIVE

WORK ORDER PERFORATING GUNS ATLAS CORPORATION

No. 38556

A

BRANCH Lafayette, La.

DATE 2-2-58

THIS WORK performed in accordance with terms and conditions specified on reverse side hereof, which we hereby approve and accept. Pricing, indicated hereon, subject to correction by our Invoicing Department, in accordance with latest price schedules.

CUSTOMER Forest Oil Corp. By L. Hammett

ADDRESS Box 1125 OCS Lafayette

WELL NAME & NO. M. O. Miller #7 FIELD Crab Lake

COUNTY & STATE Cameron, La.

SERVICE CHARGE: (For a series of operations performed on the same set-up, only one service charge will be made)\$150.00

PERFORATE

From Depth	To Depth	Shots Per Foot	No. Shots in Area	Casing Size	Type of Perforating	Net Price
12550	12527	4	92	5 $\frac{1}{2}$ -20	Atlas	

WIRE LINE BRIDGE PLUG

Size & Type	Depth	Serial Number	Brand Name	Casing Size	Casing Weight	Net Price

WIRE LINE OR OTHER SERVICE CHARGES

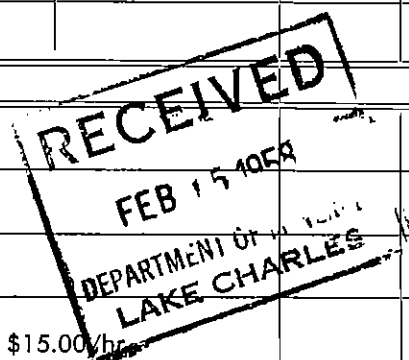
Setting Service with junk catcher run included

Operating time after first 3 hours (In connection with Wire Line Services)Hrs. @ \$15.00/hr.

Stand-by time charged @ \$10.00/hr.

Time Arrived on Job 1:30 ~~PM~~ ^{AM} 2-1 195 8 Time of Leaving Job 9:00 ~~PM~~ ^{AM} 2-2- 195 8

Mileage One Way 120 Truck No. PU 38 Operator O. R. Holder



GENERAL CONDITIONS ATTENDING ALL SERVICES OF PGAC

TERMS OF PAYMENT: All accounts for the use and service of men, material and equipment furnished by PGAC shall be due in accordance with the invoice rendered. All accounts remaining unpaid after the expiration of 30 days from the date said use and service was furnished shall bear interest at the rate of 6% per annum. In the event the enforcement of the claim for indebtedness arising hereunder is placed in the hands of a collecting agency and/or an attorney for collection, the customer agrees to pay an extra charge of 10% of the total amount for collection fees.

DIRECTION AND SUPERVISION: PGAC in rendering services requested by the customer, does so as an independent contractor, recognizing that at all times the customer has complete custody and control of the well, the conditions created in the well, the drilling equipment and the well premises. A responsible representative of the customer must be present during the performance of our services, for the protection of both the customer and PGAC.

INFORMATION: Information obtained as a result of our services is held in strict confidence and will be released to others only upon written approval of the customer.

INSURANCE: PGAC agrees to carry at its own cost compensation insurance on its employees and public liability insurance on its operations.

CONDITION OF CUSTOMER'S PROPERTY: Customer certifies that the well in which the work ordered to be done is in proper and suitable condition for the performance of said work.

DAMAGES AND INJURIES: Due to the uncertain and unknown conditions and the incidental hazards under which the use and service of the men, material and equipment of PGAC is furnished to the customer, PGAC cannot be liable for injuries to persons or damages to property. Customer agrees that it will not hold PGAC or any of its agents liable for any damages of any kind to customer's well, be the same above or below the surface arising from any cause whatsoever. All the preceding terms and conditions shall also apply in favor of any manufacturer or supplier of any equipment that PGAC may use in the well.

LOSS OF EQUIPMENT: In the event that tools or equipment of PGAC should be lost in the performance of the work ordered, customer agrees to either recover the property lost without cost to PGAC or to pay for same.

TRANSPORTATION OF EQUIPMENT TO WELL: If in order to gain access to or return from the well to be serviced, it is necessary to repair roadbeds, or to provide tractors, barges or other special means of transportation for PGAC trucks, equipment or personnel, such shall be arranged and paid for by the customer.

BARGE JOBS: An additional charge of \$100 per round trip will be made when work is performed by a unit operating from a barge.

TOW SERVICE: When provided by PGAC tow service is charged \$150.00 for the first twenty-four hours or fraction. Each additional hour in excess of twenty-four is charged at \$10.00 per hour.

MILEAGE CHARGE: There is a free mileage zone of 150 miles driving radius from any one of our stations. The round trip mileage charge for every mile driven outside the free mileage zone is 50¢ per mile.

STAND-BY TIME: Stand-by Time is all that time spent at customer's location other than actual operating time. It includes periods PGAC is required to wait because of well conditions, testing, reconditioning, or customer's request. Time required for extra set-up or tear-down of PGAC equipment is considered Stand-by Time.

Stand-by Time will be computed from the time PGAC equipment or crew arrives on location or the time scheduled by the customer, whichever is later.

When PGAC equipment is waiting at one well and is released to service another well, Stand-by Time will not apply against the first well while the equipment is away, but will be resumed upon return.

An allowance of 10 free hours will be made on Stand-by Time prior to commencement of first operation.

An allowance of 5 free hours of Stand-by Time is allowed for each different type of service performed on the same set-up.

Beyond these allowances, charge will be made at the rate of \$15.00 per hour.

COMBINING OF JOBS: Only those services performed on the same trip to the well will be combined under a single service charge. The release of PGAC crew and equipment will terminate the operation except when temporarily released at PGAC request to service another well.

INCOMPLETED OPERATIONS: No charge is applied if the operation is not completed due to failure of PGAC equipment. If an operation is attempted but cannot be completed due to well conditions, charges will be applied as follows:

- (1) Service Charge \$150.00.
- (2) Stand-by Charge if applicable.
- (3) Mileage Charge if applicable.

If an operation is cancelled by a customer on arrival at well, round trip mileage will be charged from the nearest location without the 300 mile mileage exemption. In case of a barge job, Stand-by Time is charged from the time the unit left the base until returned.

In both cases of an attempted job or of a cancelled job the towing charge is made, if applicable.

TAXES: Any tax based on the sale of tangible personal property and/or the rendering of services ordered shall be added to the stated price.

PRICE CHANGES: Prices are subject to change at any time.

No employee of PGAC is empowered to alter the published prices or the above terms and conditions.

WORK ORDER PERFORATING GUNS ATLAS CORPORATION

No. 33857 A

BRANCH Lake Charles

DATE 2-10-58

THIS WORK performed in accordance with terms and conditions specified on reverse side hereof, which we hereby approve and accept. Pricing, indicated hereon, subject to correction by our Invoicing Department, in accordance with latest price schedules.

CUSTOMER Forest Oil Corp. By Lewis Hammett

ADDRESS Box 1125 OCS. Lafayette, La.

WELL NAME & NO. M. O. Miller #7 FIELD Crab Lake

COUNTY & STATE Cameron

SERVICE CHARGE: (For a series of operations performed on the same set-up, only one service charge will be made)..... \$150.00

PERFORATE

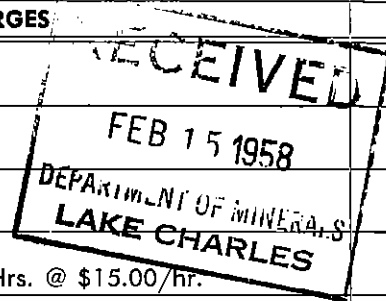
From Depth	To Depth	Shots Per Foot	No. Shots in Area	Casing Size	Type of Perforating	Net Price
<u>10979</u>	<u>10984</u>	<u>4</u>	<u>20</u>	<u>5 1/2-20</u>	<u>Bullet</u>	

WIRE LINE BRIDGE PLUG

Size & Type	Depth	Serial Number	Brand Name	Casing Size	Casing Weight	Net Price

WIRE LINE OR OTHER SERVICE CHARGES

Setting Service with junk catcher run included



Operating time after first 3 hours (In connection with Wire Line Services) Hrs. @ \$15.00/hr.

Stand-by time charged @ \$10.00/hr.

Time Arrived on Job 9:30 ^{A.M.} P.M. 2-10 1958 Time of Leaving Job 12 ^{A.M.} P.M. 2-11 1958

Mileage One Way 60 Truck No. PV-48 Operator M. L. Cupit

GENERAL CONDITIONS ATTENDING ALL SERVICES OF PGAC

TERMS OF PAYMENT: All accounts for the use and service of men, material and equipment furnished by PGAC shall be due in accordance with the invoice rendered. All accounts remaining unpaid after the expiration of 30 days from the date said use and service was furnished shall bear interest at the rate of 6% per annum. In the event the enforcement of the claim for indebtedness arising hereunder is placed in the hands of a collecting agency and/or an attorney for collection, the customer agrees to pay an extra charge of 10% of the total amount for collection fees.

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INSURANCE: PGAC agrees to carry at its own cost compensation insurance on its employees and public liability insurance on its operations.

CONDITION OF CUSTOMER'S PROPERTY: Customer certifies that the well in which the work ordered to be done is in proper and suitable condition for the performance of said work.

DAMAGES AND INJURIES: Due to the uncertain and unknown conditions and the incidental hazards under which the use and service of the men, material and equipment of PGAC is furnished to the customer, PGAC cannot be liable for injuries to persons or damages to property. Customer agrees that it will not hold PGAC or any of its agents liable for any damages of any kind to customer's well, be the same above or below the surface arising from any cause whatsoever. All the preceding terms and conditions shall also apply in favor of any manufacturer or supplier of any equipment that PGAC may use in the well.

LOSS OF EQUIPMENT: In the event that tools or equipment of PGAC should be lost in the performance of the work ordered, customer agrees to either recover the property lost without cost to PGAC or to pay for same.

TRANSPORTATION OF EQUIPMENT TO WELL: If in order to gain access to or return from the well to be serviced, it is necessary to repair roadbeds, or to provide tractors, barges or other special means of transportation for PGAC trucks, equipment or personnel, such shall be arranged and paid for by the customer.

BARGE JOBS: An additional charge of \$100 per round trip will be made when work is performed by a unit operating from a barge.

TOW SERVICE: When provided by PGAC tow service is charged \$150.00 for the first twenty-four hours or fraction. Each additional hour in excess of twenty-four is charged at \$10.00 per hour.

MILEAGE CHARGE: There is a free mileage zone of 150 miles driving radius from any one of our stations. The round trip mileage charge for every mile driven outside the free mileage zone is 50¢ per mile.

STAND-BY TIME: Stand-by Time is all that time spent at customer's location other than actual operating time. It includes periods PGAC is required to wait because of well conditions, testing, reconditioning, or customer's request. Time required for extra set-up or tear-down of PGAC equipment is considered Stand-by Time. Stand-by Time will be computed from the time PGAC equipment or crew arrives on location or the time scheduled by the customer, whichever is later.

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An allowance of 10 free hours will be made on Stand-by Time prior to commencement of first operation.

An allowance of 5 free hours of Stand-by Time is allowed for each different type of service performed on the same set-up.

Beyond these allowances, charge will be made at the rate of \$15.00 per hour.

COMBINING OF JOBS: Only those services performed on the same trip to the well will be combined under a single service charge. The release of PGAC crew and equipment will terminate the operation except when temporarily released at PGAC request to service another well.

INCOMPLETED OPERATIONS: No charge is applied if the operation is not completed due to failure of PGAC equipment. If an operation is attempted but cannot be completed due to well conditions, charges will be applied as follows:

- (1) Service Charge \$150.00.
- (2) Stand-by Charge if applicable.
- (3) Mileage Charge if applicable.

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In both cases of an attempted job or of a cancelled job the towing charge is made, if applicable.

TAXES: Any tax based on the sale of tangible personal property and/or the rendering of services ordered shall be added to the stated price.

PRICE CHANGES: Prices are subject to change at any time.

No employee of PGAC is empowered to alter the published prices or the above terms and conditions.

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

RECEIVED
FEB 28 1958
DEPARTMENT OF CONSERVATION
LAKE CHARLES

Lake Charles, La. DISTRICT

WELL COMPLETION OR RECOMPLETION REPORT LAKE CHARLES

OIL WELL () One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A, Section X, Paragraph A, Article 1) COMPLETION () RECOMPLETION ()
DIS. WELL ()
GAS WELL ()

SERIAL NO.
(55394)

PARISH Cameron FIELD Crab Lake SEC 29 TWP 15S RGE 5W

COMPANY Forest Oil Corp. LEASE M. O. Miller WELL NO. #7

DRILLING CONTRACTOR Richey Drilling DATE SPUDDED (OR W.O.) 1-4-58

DATE COMPLETED OR RECOMPLETED 2-16 19 58 AT 9:00 A.M. P.M.

COMPLETION DATA

INITIAL PRODUCTION 58 BBL./ (NET)

TUBING PRESSURE 4100 #/SQ. IN. GAS FLOWING () SHUT IN ()

CASING PRESSURE 0 (Sealed) #/SQ. IN. GA.

CHOKE SIZE 12/64" POSITIVE () ADJUSTABLE ()

B.S. & W. --- PERCENT SALT WATER (---) WASH WATER (---)

GAS VOLUME 2,900 MCF/DAY

GAS/OIL RATIO 50,000 CF/BBL.

GRAVITY 49 (60 degrees A.P.I.)

PRODUCING DEPTH 10984 Sch. 10989 Sch. FT. TO 10984 G.R. FT.

PERFORATED YES () NO () BOTTOM TUBING 10960 FT. SIZE 2-3/8" IN.

CASING (OIL STRING) SIZE 5 1/2" IN I.D. () O.D. () BOTTOM SEAT 1274.8 FT.

TOTAL DEPTH DRILLED 12750 FT. DERRICK FLOOR ELEVATION 19.25 FT.
(Additional clearance is requested for barrels of oil produced on drillstem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.)

Forest Oil Corporation
COMPANY

FORM SDM 1-R

John C. Hillis
COMPANY REPRESENTATIVE

XX

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

This side 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-A

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, 1942."

T E S T D A T A

DATE OF TEST	TIME OF TEST	AMOUNT OF OIL PRODUCED
_____	_____ H. TO _____ M.	_____ BARRELS
_____	_____ M. TO _____ M.	_____ BARRELS
_____	_____ H. TO _____ M.	_____ BARRELS
_____	_____ H. TO _____ M.	_____ BARRELS
_____	_____ M. TO _____ M.	_____ BARRELS
_____	_____ M. TO _____ M.	_____ BARRELS
_____	_____ M. TO _____ M.	_____ BARRELS
_____	_____ M. TO _____ M.	_____ BARRELS
_____	_____ 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. _____

C O M P A N Y

Company Representative



FOREST OIL CORPORATION

Station 2, Box 1401, Lafayette, Louisiana

February 24, 1958

Mr. Arsene P. Edwards
Department of Conservation
107 Shindler Building
Lake Charles, Louisiana

Dear Sir:

This is to request an allowable for our Dr. M. O. Miller #7 in Crab Lake Field, Cameron Parish, Louisiana.

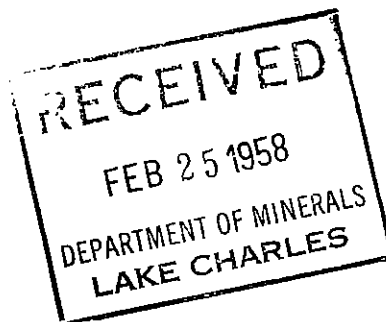
This well has been completed in the C. G. 2 Sand with perforations from 10979' to 10984' (Gamma Ray). We plan to run a potential in the next day or two.

Very truly yours,

FOREST OIL CORPORATION

BY: *K. H. Ault*
K. H. Ault

KHA:bl



POTENTIAL REPORT

Type Well: Oil _____ Gas _____ Distillate _____

Type Test: Comp. _____ Recomp. Retest _____ Regauge _____

Parish CAMERON Field C. R. B. LANE

Company FOREST OIL CORP. Serial No. 55394

Well Name & No. DR. M.O. MILLER #7

Location: Sec. 29 Twp. 15S Rge. 5W Flowing Pump _____

Prod. Horizon CGZ SAND Perf. Int. 10,929 to 10,984

Casing Setting: Size 5 1/2" @ 12,747'

Tubing Setting: Size 2 3/8" @ 10,960' T.D. 12,750'

Date Completed 2-28-58 Date Gauged 3-3-58

Acidize with _____ gals. Elev. of Derr. Floor _____

— TEST DATE —

T. P. 3800 C. P. 0 Choke Size 16/64th

Closing TK Gge. 3 ft. 9 in. @ 3:00 P.M. Time

Opening TK Gge. 3 ft. 2 in. @ 9:00 A.M. Time

Diff. 0 ft. 7 in. 6 Hours (Time)

Tank No. 900 Tank Coef. 1.16

Bbls. per 6 Hrs. 8.12 Est. Bbls. per Day 32.48

Daily Gas Vol. 2000 *M.C.F. G/O Ratio 67.538

B.S.&W. 0 % Corrected Gravity 48 Deg. A.P.I.

Witnessed H.L. Alley Title Prod. Foreman

Gauged by Sam J. [Signature] Title _____
Department of Conservation

District Office _____

Remarks: 3" X 1 1/8" PLATE

10" D.I.C. TOOL STATIC PRESS.

50" - 1000* METER

* Thousands

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

GAS CLEARANCE

Forest Oil Corporation
Box 1401
Lafayette, Louisiana

Date March 10, 1958

COMPLETION: _____

CORRECTION: _____

RECOMPLETION: X

SERIAL NO.: 55394

Gentlemen:

This will be your authority to produce your Dr. M. O. Miller
No. 7, gas well, Crab Lake Field
Cameron Parish, Louisiana,
at the rate of 3000 MCF per day, from: March 7
through the month or months of March 19 58.

No gas from this well may be flared and immediate notice of any cessation of market must be given this office. Liquid hydrocarbons produced from this well are legal and must be reported on statewide production Form R-1, revised.

Remarks: _____

Yours very truly,

JOHN B. HUSSEY, Commissioner,

By _____ Manager

ARSIENE P. EDWARDS
District Manager District

APF:dmb

cc: Pure Transportation Co., Box 239, Houston, Tex.
cc: United Gas Pipeline Co., Box 1407, Shreveport, La.
cc: Dept. of Conservation, Baton Rouge, La.
cc: Dept. of Interior, Lafayette, La.

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Workover
L. C. #50

WORK PERMIT

PERMIT TO Workover DATE 10-28-63
PARISH Cameron FIELD Crab Lake
COMPANY Forest Oil Corp.
ADDRESS P. O. Box 1125 OCS, Lafayette, La. 70505
WELL NAME Dr. M. O. Miller No. 7 SEC. 29 T. 15S R. 5W
WELL PERMIT SERIAL No. 55394 WORK PERMIT No. _____
LOCATION _____

YOU ARE HEREBY AUTHORIZED TO Squeeze off present perms
10,984'-989'. Perf. and squeeze at 11,326'. Perforate
11,284' to 289' for production.

PERMIT REQUESTED BY JOHN C. WILLIS TD 12,750'
Company Representative

AUTHORIZED BY *W.C. Wilhite*
WILLIAM C. WILHITE
Lake Charles, La.
District Office

LANE-WELLS COMPANY
 A Division of Dresser Industries
 COMPLETION SERVICE DATA SHEET

Permit Variable Well

DATE

Customer Forest Oil Corp Job Scheduled 11-4- 9:00 AM
 Well No. 1 R Miller #7 Arrived Location 11,4, 8:00 AM
 Field Crab Lake On Job 11-4 11:00 AM
 SO No. 91573 Off Job 11-8 12:30 AM

Customer Depth 11350 +
 Lane-Wells Depth 11350 TDR
 Zero Point 19.25 Above B.H.F.
 Perm. Ref. Datum B.H.F.

Hrs. Standby 0

Top of Cement _____

Services Performed on This Set Up: GP "E" K/S _____ PFC _____ R/A _____ B/P E.C. PKR As Taper

Subsurface Tools Run 610 Series-Type E Size 3 1/4 No. of Runs 1 Fluid Mud.
Jump Basket 3/8" x 20 1 Wt.-Vis. 1.16
Setting Tool 3/8" x 20 1 Level Full
 Max. Temp. _____

Casing Size 5 1/2" # From Surf To TD Liner Size _____ From _____ To 140.00' Tubing Size 5 1/2" Squeeze Packer

Act. Pkr. Serial No. _____ Top ordered at 11304 Top set at 11304 Size 5 1/2 Kind Halliburton Set at 10550'
 Plug-Pkr. Serial No. _____ Kind DC PO Squeeze Packer

Perforating Zones 1 Holes From 11321 To 11320 Setting Depths and/or
 Perf. Zones Approved By John King Title _____
 L-W Crew H. J. Field L. Decker
 Truck No. 11250 Dist. L.C. Base Lake Charles

Run No.	1	Run No.	2	Run No.	3	Run No.	Run No.	Run No.
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
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16								
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25								

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 DEPARTMENT OF MINERAL RESOURCES
 LAKE CHARLES

RUNNING TIME		C.C. Depths LW Other					
1)	In From _____ to _____	A.M. P.M.	C.C. Depths This Run				
	Out From _____ to _____	A.M. P.M.					
	Fluid _____						
	In _____ Out _____						
	Holes _____ Total _____						
	Misses _____ Total _____	Closing of firing switch witnessed by _____					
2)	In From _____ to _____	A.M. P.M.	C.C. Depths This Run				
	Out From _____ to _____	A.M. P.M.					
	Fluid _____						
	In _____ Out _____						
	Holes _____ Total _____						
	Misses _____ Total _____	Closing of firing switch witnessed by _____					
3)	In From _____ to _____	A.M. P.M.	C.C. Depths This Run				
	Out From _____ to _____	A.M. P.M.					
	Fluid _____						
	In _____ Out _____						
	Holes _____ Total _____						
	Misses _____ Total _____	Closing of firing switch witnessed by _____					
4)	In From _____ to _____	A.M. P.M.	C.C. Depths This Run				
	Out From _____ to _____	A.M. P.M.					
	Fluid _____						
	In _____ Out _____						
	Holes _____ Total _____						
	Misses _____ Total _____	Closing of firing switch witnessed by _____					
5)	In From _____ to _____	A.M. P.M.	C.C. Depths This Run				
	Out From _____ to _____	A.M. P.M.					
	Fluid _____						
	In _____ Out _____						
	Holes _____ Total _____						
	Misses _____ Total _____	Closing of firing switch witnessed by _____					
6)	In From _____ to _____	A.M. P.M.	C.C. Depths This Run				
	Out From _____ to _____	A.M. P.M.					
	Fluid _____						
	In _____ Out _____						
	Holes _____ Total _____						
	Misses _____ Total _____	Closing of firing switch witnessed by _____					

Mileage: From _____ to _____

Mileage: From _____ to _____

LANE-WELLS COMPANY
 A Division of Dresser Industries
 COMPLETION SERVICE DATA SHEET

Customer Willow Forest Oil Co. Job Scheduled 5⁰⁰ 11-6-63 AM
 Well No. De. Mc Miller #7 Arrived Location 3⁰⁰ 11-6-63 AM
 Field Crab Lake On Job 5⁰⁰ AM
 SO No. 83053 Off Job 7⁰⁰ 11-6-63 AM
 Hrs. Standby 2 hrs.

Customer Depth 11,304'
 Lane-Well Depth 11,308'
 Zero Point Sabane R.T.
 Perm. Ref. Datum 1925 above D.H.
 Top of Cement _____

Services Performed on This Set Up: GP _____ K/S PFC _____ R/A _____ B/P _____ PKR _____ Other _____

Subsurface Tools Run _____ Series-Type F 3 Size 3/4" No. of Runs _____ Fluid Oil
 _____ _____ _____ _____ Wt.-Vis. 11 # 55
 _____ _____ _____ _____ Level Full
 _____ _____ _____ _____ Max. Temp. _____

Casing Size 5 1/2 17 From 12716 To 12701 Liner Size _____ From _____ To _____ Tubing Size _____

Plug-Pkr. Serial No. _____ Top ordered at _____ Top set at _____ Size _____ Kind _____ PO _____ Set at _____

Perforating Zones 20 Holes From 11283 To 11278 Setting Depths and/or
 _____ Per. Zones Approved By [Signature] Title _____
 _____ L-W Crew [Signature]
 _____ Truck No. 5013 Dist. W.F. Base N.Y.

Run No.	Run No.	Run No.	Run No.	Run No.	Run No.
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
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22					
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24					
25					

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 DEPARTMENT OF MINERALS
 LAKE CHARLES

RUNNING TIME

C.C. Depths						
LW Other						
C.C. Depths This Run						

In From _____ to _____ A.M.
P.M.

Out From _____ to _____ A.M.
P.M.

Fluid _____

In _____ Out _____

Holes _____ Total _____

Misses _____ Total _____

Closing of firing switch witnessed by _____

2)

In From _____ to _____ A.M.
P.M.

Out From _____ to _____ A.M.
P.M.

Fluid _____

In _____ Out _____

Holes _____ Total _____

Misses _____ Total _____

C.C. Depths						
This Run						

Closing of firing switch witnessed by _____

3)

In From _____ to _____ A.M.
P.M.

Out From _____ to _____ A.M.
P.M.

Fluid _____

In _____ Out _____

Holes _____ Total _____

Misses _____ Total _____

C.C. Depths						
This Run						

Closing of firing switch witnessed by _____

4)

In From _____ to _____ A.M.
P.M.

Out From _____ to _____ A.M.
P.M.

Fluid _____

In _____ Out _____

Holes _____ Total _____

Misses _____ Total _____

C.C. Depths						
This Run						

Closing of firing switch witnessed by _____

5)

In From _____ to _____ A.M.
P.M.

Out From _____ to _____ A.M.
P.M.

Fluid _____

In _____ Out _____

Holes _____ Total _____

Misses _____ Total _____

C.C. Depths						
This Run						

Closing of firing switch witnessed by _____

6)

In From _____ to _____ A.M.
P.M.

Out From _____ to _____ A.M.
P.M.

Fluid _____

In _____ Out _____

Holes _____ Total _____

Misses _____ Total _____

C.C. Depths						
This Run						

Closing of firing switch witnessed by _____

Mileage: From _____ to _____

Mileage: From _____ to _____

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WELL COMPLETION OR RECOMPLETION REPORT

Lake Charles

DISTRICT

Re: Well Serial No.: 55394

Completed	<input type="checkbox"/>	Flowing	<input checked="" type="checkbox"/>	Operator:	<u>Forest Oil Corporation</u>
Recompleted	<input checked="" type="checkbox"/>	Gas-Lifting	<input type="checkbox"/>	Well Name:	<u>Dr. M. O. Miller</u>
Oil	<input type="checkbox"/>	Pumping	<input type="checkbox"/>	Well No.:	<u>7</u> , Sec. <u>29</u> , Twp. <u>15S</u> , Rge. <u>5W</u>
Gas	<input checked="" type="checkbox"/>	Shut-In	<input type="checkbox"/>	Field	<u>Crab Lake</u>
				Parish	<u>Cameron</u>

Date Completed or Recompleted 11-8-63 at 8:00 (a.m.) (~~p.m.~~)

COMPLETION DATA

Initial Production 109 BOPD Gas Volume 3100 MCF/Day

Tubing Pressure 2900 psig Casing Pressure Packer psig

Choke Size 16/64 Positive Adjustable B.S. & W. 0 %

Gas/Oil Ratio 28,440 CF/Bbl. Gravity 50.8 at 60° A. P. I.

Producing Depth: From 11,284 Ft. to 11,289 Ft. T. D. 12,750 Ft.

Name of Producing Sand: CI Sand

*New Pool *Old Pool List Reason(s) for Pool Classification Produced in M. O. Miller #3 Well

*As Defined in Statewide Order No. 29-H.

Additional clearance is requested for None barrels of oil produced on drill stem or other production tests (See Section X, Paragraph B of Order No. 29-B on reverse side).

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).

I hereby certify that the above information is true and correct to the best of my knowledge.

DISTRICT MANAGER ONLY

29-E Compliance - Yes No

29-E Unit Attached - Yes No

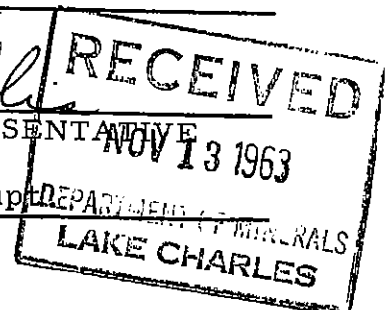
DATE: _____

Forest Oil Corporation
COMPANY

John C. Hill
COMPANY REPRESENTATIVE

District Production Supt

TITLE



DEPARTMENT 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</u> <u>Produced</u>
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ 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: _____

From - Comp. COMPANY

(Signed) COMPANY REPRESENTATIVE

POTENTIAL REPORT

Type Well: Oil _____ Gas Distillate

Type Test: Comp. _____ Recom. Retest _____ Regauge _____

Parish CAMERON Field SRAB LAKE

Company FOREST OIL Serial No. 55394

Well Name & No. DR M.O. MILLER # 7

Location: Sec 29 Twp 13-3 Rge 5-4 Flowing Pump _____

Prod. Horizon SL-SAND Perf. Int 11,284 to 11,289

Casing Setting: Size 5 1/2" @ 12,747

Tubing Setting: Size 2 3/8" @ 11,235 T.D. 12,750

Date Completed 11-9-63 Date Gauged 11-9-63

Acidize with _____ gals. Elev. of Derr. Floor _____

TEST DATE

T. P. 2900 C. P. 0 Choke Size 16 /64th

Closing TK Gge. 10 ft. 1 1/4 in. @ 1:30 PM Time

Opening TK Gge. 9 ft. 7/2 in. @ 9:30 A- Time

Diff. 1 ft. 3 3/4 in. 4 Hours (Time)

Tank No. 904 Tank Coef. 1.16

Bbls. Per 4 Hrs. 18.27 Est. Bbls. Per Day 109.62

Daily Gas Vol. 3,100 "M" C.F. G/O Ratio 28,182

B.S.&W. 0 % Corrected Gravity 50.8 Deg. A.P.I.

Gauged by Holland L. Pomeroy

Witnessed M. C. West Title PUMPER

Gauged by Department of Conservation Title PUMPER

District Office Lake Chen

Remarks: 3" METER TUBE
2" ORIFICE PLATE
820 # @ 15"

R



DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD
Crab Lake

SERIAL NO.
55394

PRODUCING INTERVAL
11,284-89

RESERVOIR (COMPANY SAND IDENTIFICATION)
C-1 Sand

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

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL RECOMPLETION SAME RESERVOIR DIFFERENT RESERVOIR OIL GAS P&A

OPERATOR
Forest Oil Corporation

ADDRESS
P. O. Box 1125 OCS, Lafayette, La. 70505

LEASE NAME
Dr. M. O. Miller

PARISH
Cameron

WELL NO.
7

DATE SPUNDED
Feb. 7, 1955

SEC. 29 TWP. 15 S RGE. 5 W

DATE PERMIT ISSUED
2-1-55

GROUND ELEVATION

TOTAL DEPTH
12,750

P8TD

DATE WELL TURNED INTO TANKS
11-9-63

CASING HEAD FLANGE ELEVATION

DISTANCE FROM RKB TO CHF

SINGLE, DUAL OR TRIPLE COMPLETION?
Single

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

WAS WELL DIRECTIONALLY DRILLED?
No

WAS DIRECTIONAL SURVEY MADE?
No

WERE 3 COPIES FILED WITH THE DEPT. OF CONSERVATION?
No

DATE FILED
None

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION)
IES

DATE FILED
April, 1955

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HRS. UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS - STATE IF DEPT. AGENT OR OFFSET OPR.
10 3/4"		40.5#	3513	1750	1200			
5 1/2"		17&20#	12,748	1125	1500			

TUBING SIZE: 2 3/8" DEPTH OF TUBING: 11,235 DEPTH OF PACKER (S): 11,235

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION
109

GAS VOLUME
3100

CHOKE SIZE
16/64

WELL STATUS
Flowing

TUBING PRESSURE
2900

BOPD
3100

MCF/DAY
28,182

BS & W
0

BHP - (SHUT-IN)
psi

CASING PRESSURE
Packer

GOR
psi

CONSERVATION AGENT MAKING GAUGE
Rolland L. Romero

COMPANY REPRESENTATIVE
M. C. West

DATE GAUGED
11-9-63

PLUG AND ABANDON (P&A) DATA

CEMENTING SIZE	AMOUNT PULLED	CEMENT PLUGS				DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF DEPT. AGENT OR OFFSET OPR.
		FROM	TO	SACKS	HOW PLACED		

CERTIFICATE: I, the undersigned, state: That I am employed by Forest Oil Corp. 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: Dist. Prod. Supt.

RECEIVED

MAR 4 1964

DEPARTMENT OF CONSERVATION
LAKE CHARLES

WORK RESUME

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

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
W.O. LC #50	11-1-63 11-9-63	W.C. Fatjo, Inc.	Squeeze off perms. 10,984-989. Perf. and squeeze @11,326'. Perforate 11,284-289' for production.

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

FORMATION	DEPTH	FORMATION	DEPTH

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

Workover
L. C. #12

WORK PERMIT

PERMIT TO Workover DATE 1/11/66
PARISH Cameron FIELD Crab Lake
COMPANY Forest Oil Corp.
ADDRESS P. O. Box 51125, CCS, Lafayette, La.
WELL NAME Dr. N. O. Miller No. 7 SEC. T. R.
WELL PERMIT SERIAL No. 55394 WORK PERMIT No.
LOCATION

YOU ARE HEREBY AUTHORIZED TO Sq. perf. 11288 to 94 w/150 sxs.
perf. 9932 to 33 & sq. w/100 sxs. Perf. 9858 to 59' & sq.
w/100 sxs. perf. 11130 to 35' & DST for comp. if successful
Perf. 9913 to 16' & DST for alternate comp. if successful

PERMIT REQUESTED BY JOHN G. WILLIS TD: 1275
Company Representative

AUTHORIZED BY *William C. White*
WILLIAM C. WHITE
Lake Charles, La.
District Office

Permit Verifiable

LANE-WELLS COMPANY
A Division of Dresser Industries
COMPLETION SERVICE DATA SHEET

Customer Forest Oil Co Job Scheduled 4-20 12:00 AM
 Well No. Dr. M. O. Miller #7 L-FTDiu 10:00 AM
 Arrived Location 4-19 11:30 PM
 Field Crab Lake On Job 4-20 1:30 AM
 SO No. 135806 Off Job 4-20 7:00 AM
 Hrs. Standby 11TDiv 420 7:00 AM

Customer Depth 10,000
 Lane-Wells Depth 7950 TDK
 Zero Point 19.25 Abv BHF
 Perm. Ref. Datum B.H.F.
 Top of Cement _____

Services Performed on This Set Up: GP _____ K/S PFC _____ R/A _____ B/P _____ PKR _____ Other _____

Subsurface Tools Run H/S Series-Type Flow Size 3 1/2 No. of Runs 1 Fluid SALT WATER
 Wt.-Vis. 9.6
 Level Full
 Max. Temp. _____

Casing Size 5.5 From SURF To T.D. Liner Size _____ From _____ To _____ Tubing Size _____
 Set at _____

Plug-Pkr. Serial No. _____ Top ordered at _____ Top set at _____ Size _____ Kind _____ PO _____

Perforating Zones 4 Holes From 7925 To 7926 Setting Depths and/or _____ Title _____
 Perf. Zones Approved By Adman Hocum
 L-W Crew HITFIELD DAWNES
 Truck No. D-1070 Dist. Subu Base Lake Charles

	Run No. <u>1</u>	Run No.	Run No.	Run No.	Run No.	Run No.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
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20						
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22						
23						
24						

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DEPARTMENT OF MINERALS
LAKE CHARLES

RUNNING TIME

C.C. Depths	LW	Other					
1) In From _____ to _____ A.M. P.M. C.C. Depths This Run							
Out From _____ to _____ A.M. P.M.							
Fluid _____							
In _____ Out _____							
Holes _____ Total _____							
Misses _____ Total _____ Closing of firing switch witnessed by _____							
2) In From _____ to _____ A.M. P.M. C.C. Depths This Run							
Out From _____ to _____ A.M. P.M.							
Fluid _____							
In _____ Out _____							
Holes _____ Total _____							
Misses _____ Total _____ Closing of firing switch witnessed by _____							
3) In From _____ to _____ A.M. P.M. C.C. Depths This Run							
Out From _____ to _____ A.M. P.M.							
Fluid _____							
In _____ Out _____							
Holes _____ Total _____							
Misses _____ Total _____ Closing of firing switch witnessed by _____							
4) In From _____ to _____ A.M. P.M. C.C. Depths This Run							
Out From _____ to _____ A.M. P.M.							
Fluid _____							
In _____ Out _____							
Holes _____ Total _____							
Misses _____ Total _____ Closing of firing switch witnessed by _____							
5) In From _____ to _____ A.M. P.M. C.C. Depths This Run							
Out From _____ to _____ A.M. P.M.							
Fluid _____							
In _____ Out _____							
Holes _____ Total _____							
Misses _____ Total _____ Closing of firing switch witnessed by _____							
6) In From _____ to _____ A.M. P.M. C.C. Depths This Run							
Out From _____ to _____ A.M. P.M.							
Fluid _____							
In _____ Out _____							
Holes _____ Total _____							
Misses _____ Total _____ Closing of firing switch witnessed by _____							

Mileage: From _____ to _____
Mileage: From _____ to _____

Permit Verable

Wells

LANE-WELLS COMPANY
A Division of Dresser Industries
COMPLETION SERVICE DATA SHEET



DATE

Customer FIRST Oil Co Job Scheduled 1-25 10:30 AM
RR. M. O. Miller #7 LIFT DIV 10:35 AM
Well No. 135817 Arrived Location 4-25 12:00 AM
Field Crab Lake On Job 4-25 12:30 AM
SO No. 135817 Off Job 4-26 2:00 PM

Customer Depth 11212
Lane-Wells Depth 11200 TDH
Zero Point 15' above B.M.F.
Perm. Ref. Datum SWP

Hrs. Standby _____

Top of Cement _____

Services Performed on This Set Up: GP _____ K/S PFC _____ R/A _____ B/P _____ PKR _____ Other _____

Subsurface Tools Run 1/8 Series-Type NPF Size 3.5 No. of Runs 1 Fluid slur
Wt.-Vis. 10th
Level Full
Max. Temp. _____

Casing Size 5.5 From Surf To TD Liner Size _____ From _____ To _____ Tubing Size _____
Set at _____

Plug-Pkr. Serial No. _____ Top ordered at _____ Top set at _____ Size _____ Kind _____ PO _____

Perforating Zones 20 Holes From 11170 To 1125 Setting Depths and/or
Perf. Zones Approved By James H. [Signature] Title _____
L-W Crew Wife Field Down 215 Sect 11
Truck No. P1030 Dist. Subur Base Lake Charles

Run No.	Run No.	Run No.	Run No.	Run No.	Run No.
1	11130 (30)				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

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APR 26 1966
DEPARTMENT OF MINERALS
LAKE CHARLES

1) In From _____ to _____ Out From _____ to _____ Fluid _____ In _____ Out _____ Holes _____ Total _____ Misses _____ Total _____	A.M. P.M. A.M. P.M.	C.C. Depths This Run						
		Closing of firing switch witnessed by _____						
2) In From _____ to _____ Out From _____ to _____ Fluid _____ In _____ Out _____ Holes _____ Total _____ Misses _____ Total _____	A.M. P.M. A.M. P.M.	C.C. Depths This Run						
		Closing of firing switch witnessed by _____						
3) In From _____ to _____ Out From _____ to _____ Fluid _____ In _____ Out _____ Holes _____ Total _____ Misses _____ Total _____	A.M. P.M. A.M. P.M.	C.C. Depths This Run						
		Closing of firing switch witnessed by _____						
4) In From _____ to _____ Out From _____ to _____ Fluid _____ In _____ Out _____ Holes _____ Total _____ Misses _____ Total _____	A.M. P.M. A.M. P.M.	C.C. Depths This Run						
		Closing of firing switch witnessed by _____						
5) In From _____ to _____ Out From _____ to _____ Fluid _____ In _____ Out _____ Holes _____ Total _____ Misses _____ Total _____	A.M. P.M. A.M. P.M.	C.C. Depths This Run						
		Closing of firing switch witnessed by _____						
6) In From _____ to _____ Out From _____ to _____ Fluid _____ In _____ Out _____ Holes _____ Total _____ Misses _____ Total _____	A.M. P.M. A.M. P.M.	C.C. Depths This Run						
		Closing of firing switch witnessed by _____						

Mileage: From _____ to _____

Mileage: From _____ to _____

Permit Verbal

W.W.W.

LANE-WELLS COMPANY
A Division of Dresser Industries
COMPLETION SERVICE DATA SHEET



Customer Forest Oil Corp. Job Scheduled 4-27-66 ^{12:30} AM
 Well No. Dr. M.O. Miller #2 Arrived Location _____ AM
 Field Crab Lake On Job _____ PM
 SO No. 138820 Off Job _____ AM
 Customer Depth 11200
 Lane-Wells Depth 9940 750'
 Zero Point 18' bvr. B.H.F.
 Perm. Ref. Datum Same

Hrs. Standby _____ Top of Cement _____

Services Performed on This Set Up: GP _____ K/S PFC _____ R/A _____ B/P PKR _____ Other _____

Subsurface Tools Run JC Series-Type Baker Size 4 1/2" No. of Runs 1 Fluid S.W.
Setpoint Baker 3 1/2" 1 Wt.-Vis.
GUN NCFII 3 1/2" 1 Level Full
 Max. Temp. _____

Casing Size 5 1/2" From 505' To 70' Liner Size _____ From _____ To _____ Tubing Size _____

Plug-Pkr. Serial No. _____ Top ordered at 9921 Top set at 9921 Size 2 1/2" Kind Baker PO _____ Set at _____

Perforating Zones 12 Holes From 9909' To 9921' Setting Depths and/or
 Perf. Zones Approved By Thomas Danilos Chapman Title _____
 L-W Crew Thomas Danilos Chapman
 Truck No. P-1070 Dist. S. in. Ind Base Lake Charles

	Run No. 1	Run No. 2	Run No. 3	Run No.	Run No.	Run No.
1	RAN Baker J/C	S + Baker	9909 (09)			
2	to 9920'	mercury mud	9906 (05)			
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
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14						
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 DEPARTMENT OF MINERALS
 LAKE CHARLES

1) In From _____ to _____ A.M. P.M. C.C. Depths This Run _____

Out From _____ to _____ A.M. P.M. _____

Fluid _____

In _____ Out _____

Holes _____ Total _____

Misses _____ Total _____

Closing of firing switch witnessed by _____

2) In From _____ to _____ A.M. P.M. C.C. Depths This Run _____

Out From _____ to _____ A.M. P.M. _____

Fluid _____

In _____ Out _____

Holes _____ Total _____

Misses _____ Total _____

Closing of firing switch witnessed by _____

3) In From _____ to _____ A.M. P.M. C.C. Depths This Run _____

Out From _____ to _____ A.M. P.M. _____

Fluid _____

In _____ Out _____

Holes _____ Total _____

Misses _____ Total _____

Closing of firing switch witnessed by _____

4) In From _____ to _____ A.M. P.M. C.C. Depths This Run _____

Out From _____ to _____ A.M. P.M. _____

Fluid _____

In _____ Out _____

Holes _____ Total _____

Misses _____ Total _____

Closing of firing switch witnessed by _____

5) In From _____ to _____ A.M. P.M. C.C. Depths This Run _____

Out From _____ to _____ A.M. P.M. _____

Fluid _____

In _____ Out _____

Holes _____ Total _____

Misses _____ Total _____

Closing of firing switch witnessed by _____

6) In From _____ to _____ A.M. P.M. C.C. Depths This Run _____

Out From _____ to _____ A.M. P.M. _____

Fluid _____

In _____ Out _____

Holes _____ Total _____

Misses _____ Total _____

Closing of firing switch witnessed by _____

Mileage: From _____ to _____

Mileage: From _____ to _____

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

no photo

WELL COMPLETION OR RECOMPLETION REPORT

Lake Charles DISTRICT

Re: Well Serial No.: 55394

Completed	<input type="checkbox"/>	Flowing	<input type="checkbox"/>	Operator:	<u>Forest Oil Corporation</u>
Recompleted	<input checked="" type="checkbox"/>	Gas-Lifting	<input type="checkbox"/>	Well Name:	<u>Dr. M. O. Miller</u>
Oil	<input type="checkbox"/>	Pumping	<input type="checkbox"/>	Well No.:	<u>7</u> , Sec. <u>29</u> , Twp. <u>15S</u> , Rge. <u>SW</u>
Gas	<input checked="" type="checkbox"/>	Shut-In	<input checked="" type="checkbox"/>	Field	<u>Crab Lake</u>
				Parish	<u>Cameron</u>

Date ~~Completed~~ or Recompleted 4-30-66 at 7:00 (a.m.) (~~PM~~)

COMPLETION DATA

Initial Production 50 BOPD Gas Volume 2400 MCF/Day

Tubing Pressure 3400 psig Casing Pressure Packer psig

Choke Size 12/64 Positive Adjustable B.S. & W. 2 %

Gas/Oil Ratio 48,000 CF/Bbl. Gravity 51.3 at 60° A. P. I.

Producing Depth: From 9913 Ft. to 9916 Ft. T. D. 12,750 Ft.

Name of Producing Sand: CF

*New Pool *Old Pool List Reason(s) for Pool Classification Produced in M. O. Miller #2

*As Defined in Statewide Order No. 29-H.

Additional clearance is requested for _____ barrels of oil produced on drill stem or other production tests (See Section X, Paragraph B of Order No. 29-B on reverse side).

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).

I hereby certify that the above information is true and correct to the best of my knowledge.

DISTRICT MANAGER ONLY

29-E Compliance - Yes ___ No ___

29-E Unit Attached - Yes ___ No ___

DATE: _____

Forest Oil Corporation
COMPANY

John C. Miller
COMPANY REPRESENTATIVE

District Production Superintendent
TITLE

RECEIVED
MAY 13 1966
DEPARTMENT OF MINERALS
LAKE CHARLES

DEPARTMENT 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
_____	_____ 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: _____

From - Comp. COMPANY

(Signed) COMPANY REPRESENTATIVE

POTENTIAL REPORT

Type Well: Oil _____ Gas Distillate _____

Type Test: Comp. _____ Recom. Retest _____ Regauge _____

Parish Cameron Field Grab Lake

Company Forest Oil Co Serial No. 55394

Well Name & No. DR. M. O. Miller # 7

Location: Sec 29 Twp. N5S Rge. W5 Flowing Pump _____

Prod. Horizon C-F Perf. Int. 9913 to 9916

Casing Setting: Size 5 1/2" @ 12748

Tubing Setting: Size 2 3/8 @ 9886 T.D. 12750

Date Completed 5-7-66 Date Gauged 5-10-66

Acidize with _____ gals. Elev. of Derr. Floor 18.0

— TEST DATE —

T. P. 3100 C. P. 0 Choke Size 24 /64th

Closing TK Gge. 10 ft. 5 in. @ 4:45 PM Time

Opening TK Gge. 10 ft. 0 in. @ 12:45 PM Time

Diff. 0 ft. 5 in. 4 Hours (Time)

Tank No. 904 Tank Coef. 1.16

Bbls. per 4 Hrs. _____ Est. Bbls. per Day 35

Daily Gas Vol. 4700 M.C.F. G/O Ratio 47.222

B.S.&W. 1/10 % Corrected Gravity 53 Deg. A.P.I.

Witnessed [Signature] Title Pumper

Gauged by [Signature] Title _____
Department of Conservation

District Office Lake Charles

Remarks: 880* @ 13"

3" X 1 1/2" O.P.

W.O.



DEPARTMENT OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD **CRAB LAKE**
 SERIAL NO. **55394**
 PRODUCING INTERVAL **9913-16**
 RESERVOIR (COMPANY SAND IDENTIFICATION) **"CF"**

Three typewritten copies of this report must be filed with the District Office of the Department 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

DESIGNATE TYPE OF COMPLETION: NEW WELL RECOMPLETION SAME RESERVOIR DIFFERENT RESERVOIR OIL GAS P & A

OPERATOR **FOREST OIL CORPORATION** ADDRESS **P. O. Box 51125 OCS Lafayette, Louisiana**

LEASE NAME **DR. M. O. MILLER** WELL NO. **7**

PARISH **CAMERON** SEC. **29** TWP. **15S** RGE. **5W** DATE PERMIT ISSUED **W.O. 4-14-66**

DATE SPUDDED **W.O. 4-19-66** DATE READY TO PRODUCE **-** TOTAL DEPTH **12,750** PBTD. **12,701**

GROUND ELEVATION **-** CASING HEAD FLANGE ELEVATION **-** DISTANCE FROM RKB TO CHF **-**

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

WAS WELL DIRECTIONALLY DRILLED? **NO** WAS DIRECTIONAL SURVEY MADE? **NO** WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION? **NO** DATE FILED **April, 1955**

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION) **-** DATE FILED **April, 1955**

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS-STATE IF DEPT. AGENT OR OFFSET OPERATOR
10 3/4"	15"	40.5	3513	1750	1400	1/2 Hr.	2-11-55	Sam J. Iles, Jr.
5 1/2"		17 & 20	12,748	1125				

TUBING SIZE: **2 3/8"** DEPTH OF TUBING: **9886'** DEPTH OF PACKER(S): **9886'**

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION **50** GAS VOLUME **2400** CHOKE SIZE **12/64** WELL STATUS **SI**

50 BOPOD **2400** MCF/DAY **12/64**

TUBING PRESSURE **3400** psig CASING PRESSURE **Packer** psig GOR **48,000** BS & W **2%** BHP - (SHUT-IN) **psi**

GRAVITY **51.3** *API60°F CONSERVATION AGENT MAKING GAUGE **Lamar Hogue** COMPANY REPRESENTATIVE **Lamar Hogue** DATE GAUGED **4-30-66**

PLUG AND ABANDON (P&A) DATA

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

RECEIVED
MAY 13 1966
DEPARTMENT OF CONSERVATION
LAKE CHARLES

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

Form WH Signature: *John C. Iles* Title: **GENERAL**

* 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 Department of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L.C. #12	4-19-66	Lafayette	
	4-30-66	Well Service	
	4-20-66	Halliburton	Sq. perfs. 11,288-94' w/20 s & s
	4-21-66	Lane Wells Halliburton	Perfs. 9933-34' and could not breakdown formation
	4-23-66	Lane Wells Halliburton	Perfs. 9858-59' & sq. w/38 sxs
	4-26-66	Lane Wells	Perfs. 11,130-35' for test
	4-27-66	Halliburton	Sq. perfs. 11,130-35' w/25 sxs
	4-27-66	Lane Wells	Set bridge plug @ 9927
4-27-66	Lane Wells	Perfs. 9913-16' w/4 shots/ft by EL for comp.	

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

FORMATION	DEPTH	FORMATION	DEPTH

Lake Charles

STATE OF LOUISIANA

DEPARTMENT OF CONSERVATION Amend Operator

AMENDED PERMIT (Corrected)

AMENDED PERMIT TO DRILL FOR MINERALS (CORRECTED)

Serial No. 55394 Date October 6, 1971
Parish Cameron Field Crab Lake

Operator Cactus Investment Co. *

Address P.O. Box 24116

City & State Houston, Texas 77029

Well Name Dr. H.O. Miller

Location of Well: Sec. 29 T. 15S R. 5W DEPT. CONSERVATION 7

Location Same

*Formerly: Forest Oil Corporation

OCT 8 1971

LAKE CHARLES

Zone or Reservoir of Proposed Completion _____

Applicable Department of Conservation Order 29E

[Handwritten Signature]
COMMISSIONER

[Handwritten Signature]
ISSUING AUTHORITY

State of Louisiana
DEPARTMENT OF CONSERVATION

Inter Office

Date: 3/21/72

To: Baton Rouge Office
From: Lake Charles District
Att'n: Fritz Spencer

Enclosed herewith please find application from Zinn Petroleum Company
for permit to amend oper. & their name
M. O. Miller Well No. 7 Zone: _____
Crab Lake Field, Cameron Parish .

Also enclosed please find:

Check No. 5178 in the amount of \$ 25.00

Well Location Plat _____

Well Location Certification _____

Form A. D. C. _____

Electric Log _____

Schematic Diagram _____

Applicable Department of Conservation Order No. _____ Pending Hearing _____
Docket No. _____

Remarks & Recommendations: **Recommend approval. Routine.**

Yours very truly,

By: _____
District Manager
W. C. Wilhite

cc: Geological Survey

LT-1

WCW/rrb

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION Amend Operator & Well Name Amended Permit..... \$25.00

Lake Charles

AMENDED PERMIT TO DRILL FOR MINERALS

SERIAL NO. 5539L BATON ROUGE, LA., March 22, 19 72
PARISH: Cameron FIELD: Crab Lake
OPERATOR: Zinn Petroleum Company *
ADDRESS: 1910 CEI Bldg., Houston, Texas 77002

WELL NAME: M.O. Miller ** NO.: 7
LOCATION OF WELL: Sec. 29 T. 15S R. 5W
Location Same
*Formerly: Cactus Investment Co.
**Formerly: Dr. M.O. Miller

Zone or Reservoir of proposed completion:
Applicable Department of Conservation Order: 29B
Commissioner Issuing Authority

Handwritten signatures and initials over the Commissioner and Issuing Authority lines.

POTENTIAL REPORT

Type Well: Oil _____ Gas Distillate _____

Type Test: Comp. _____ Recom. Retest _____ Regauge _____

Parish Cameron Field Crab Lake

Company ZINN Pet. Co. Serial No. 55394

Well Name & No. M. O. Miller # 7

Location: Sec. 29 Twp. 15S Rge. 5W Flowing Pump _____

Prod. Horizon C.F. Perf. Int. 9891 to 9916

Casing Setting: Size 5 1/2 @ 12748

Tubing Setting: Size 2 @ 9886 T.D. 12750

Date Completed 10-9-74 Date Gauged 7-9-75

Acidize with _____ gals. Elev. of Derr. Floor _____

TEST DATE

T. P. 1225 C. P. 0 Choke Size 10 /64th

Closing TK Gge. 12 ft. 2 1/2 in. @ 2:00 PM Time

Opening TK Gge. 12 ft. 2 in. @ 10:00 AM Time

Diff. _____ ft. 1/2 in. 4 Hours (Time)

Tank No. 4120 Tank Coef. 1.16

Bbls. per 4 Hrs. .58 Est. Bbls. per Day 4

Daily Gas Vol. 150 M.C.F. G/O Ratio 37500

B.S.&W. 5/0 % Corrected Gravity 46 3/4 Deg. A.P.I.

Witnessed J.M. Kelly Title Pumper

Gauged by Raymond Dick Title _____
Department of Conservation

District Office Lake Charles

Remarks: 675 @ 2 1/2"

3 x 3/4 O.P.

Std. Chart 1500 # @ 50"

05-76

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WELL COMPLETION OR RECOMPLETION REPORT

Lake Charles DISTRICT

Re: Well Serial No.: 55394

Completed Flowing Operator: Zinn Petroleum Company
Recompleted Gas-Lifting Well Name: M. O. Miller
Oil Pumping Well No.: 7, Sec. 29, Twp. 15S, Rge. 5W
Gas Shut-In Field Crab Lake
Parish Cameron

Date Completed or Recompleted 10/9/74 at _____ (a.m.) (p.m.)

COMPLETION DATA

Initial Production 4 BOPD Gas Volume 225 MCF/Day

Tubing Pressure 1500 psig Casing Pressure -0- psig

Choke Size 10/64 Positive _____ Adjustable B.S. & W. _____ %

Gas/Oil Ratio 56,250 CF/Bbl. 1 Gravity 46 at 60° A. P. I.

Producing Depth: From 9891 Ft. to 9916 Ft. T. D. 12,750 Ft.

Name of Producing Sand: C. F. Reservoir

*New Pool _____ *Old Pool List Reason(s) for Pool Classification _____
Perforated @ 9891-97' to add to producing zone

*As Defined in Statewide Order No. 29-H.

Additional clearance is requested for _____ barrels of oil produced on drill stem or other production tests (See Section X, Paragraph B of Order No. 29-B on reverse side).

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).

I hereby certify that the above information is true and correct to the best of my knowledge.

DISTRICT MANAGER ONLY

29-E Compliance - Yes _____ No _____

29-E Unit Attached - Yes _____ No _____

DATE: _____

Zinn Petroleum Company
COMPANY


COMPANY REPRESENTATIVE

Owner - Operator
TITLE



Department of Conservation
MINERALS DIVISION
WELL HISTORY AND WORK RESUME REPORT

FIELD **Crab Lake**
SERIAL NO. **55394**
PRODUCING INTERVAL **9891'-9916'**
RESERVOIR (COMPANY SAND IDENTIFICATION) **C. F. Reservoir**

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

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL RECOMPLETION SAME RESERVOIR DIFFERENT RESERVOIR OIL GAS P&A

OPERATOR **Zinn Petroleum Company** ADDRESS **1910 C & I Building, Houston, Tx.**

LEASE NAME **M. O. Miller** WELL NO. **7**

PARISH **Cameron** SEC. **29** TWP. **15S** RGE. **5W** DATE PERMIT ISSUED **10/10/74**

DATE SPUDDED **2-7-55** TOTAL DEPTH **12,750'** PBTD

GROUND ELEVATION **2'E** CASING HEAD FLANGE ELEVATION **3'E** DISTANCE FROM RKB TO CHF **1925'**

DATE WELL TURNED INTO TANKS **10-9-74** SINGLE, DUAL OR TRIPLE COMPLETION? **single** NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED? **no** WAS DIRECTIONAL SURVEY MADE? **no** WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION? **no** DATE FILED

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION) **(Well was completed by Forest Oil Corp.)** DATE FILED

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HRS. UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS - STATE IF DEPT. AGENT OR OFFSET OPR.
5 1/2"			12,748					
TUBING SIZE: 2"		DEPTH OF TUBING: 9886'		DEPTH OF PACKER (S): 9,890'				

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION **4** GAS VOLUME **150** CHOKE SIZE **10/64** WELL STATUS **flowing**

TUBING PRESSURE **1225** psig CASING PRESSURE **-0-** psig GOR **37500** BS & W **.5** % BHP - (SHUT-IN) **4664** psi

GRAVITY **46.2** °API@60°F CONSERVATION AGENT MAKING GAUGE **Raymond Fisk** COMPANY REPRESENTATIVE **W. M. Kelley** DATE GAUGED **12-9-74** DATE COMP. **10-9-74**

PLUG AND ABANDON (P&A) DATA

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

CERTIFICATE: I, the undersigned, state: That I am employed by **Zinn Petroleum Co.** 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: **Owner-Operator**

WORK RESUME

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

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
1034-74	10-7-74	Eastern Wire-line Services, Inc.	<p>Ran depth determination to 9912'</p> <p>Shaped charge thru-tubing. Perforated @ 9891' to 9897' - 24 holes with premium charges in 5 1/2" casing.</p>

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

FORMATION	DEPTH	FORMATION	DEPTH
<p>DEPT. CONSERVATION</p> <p>MAY 29 1975</p> <p>LAKE CHARLES</p>		<p>DEPT. CONSERVATION LAKE CHARLES</p> <p>APR 28 1975</p> <p>LAKE CHARLES</p>	<p>DEPT. OF CONSERVATION PERMIT SECTION BATON ROUGE, LA.</p> <p>DEPT. CONSERVATION</p> <p>APR 18 1975</p> <p>LAKE CHARLES</p>

RECEIVED

DEPT. CONSERVATION LAKE CHARLES

MAY 8 1975



Department of Conservation

MINERALS DIVISION

WELL HISTORY AND WORK RESUME REPORT

FIELD	Crab Lake
SERIAL NO.	55394
PRODUCING INTERVAL	9891'-9916'
RESERVOIR (COMPANY SAND IDENTIFICATION)	C. F. Reservoir

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

LEASE AND WELL DATA

DESIGNATE TYPE OF COMPLETION: NEW WELL RECOMPLETION SAME RESERVOIR DIFFERENT RESERVOIR OIL GAS P&A

OPERATOR: **Zinn Petroleum Company** ADDRESS: **1910 C & I Building, Houston, Tx.**

LEASE NAME: **M. O. Miller** WELL NO.: **7**

PARISH: **Cameron** SEC. **29** TWP. **15S** RGE. **5W** DATE PERMIT ISSUED: **10/10/74**

DATE SPUN: **2-7-55** TOTAL DEPTH: **12,750'** PBT:

GROUND ELEVATION: **2'E** CASING HEAD FLANGE ELEVATION: **3'E** DISTANCE FROM RKB TO CHF: **1925'**

DATE WELL TURNED INTO TANKS: **10-9-74** SINGLE, DUAL OR TRIPLE COMPLETION?: **single** NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED? **no** WAS DIRECTIONAL SURVEY MADE? **no** WERE 3 COPIES FILED WITH THE DEPARTMENT OF CONSERVATION? DATE FILED:

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH DEPT. OF CONSERVATION): **(Well was completed by Forest Oil Corp.)** DATE FILED:

CASING, LINER AND TUBING RECORD

CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET	SACKS CEMENT	TEST PRESSURE	HRS. UNDER PRESSURE	DATE TESTED	NAME OF TEST WITNESS - STATE IF DEPT. AGENT OR OFFSET OPR.
5 1/2"			12,748					
TUBING SIZE: 2"		DEPTH OF TUBING: 9886'		DEPTH OF PACKER (S): 9,890'				

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION: **4** BOPD GAS VOLUME: **150** MCF/DAY CHOKE SIZE: **10/64** WELL STATUS: **flowing**

TUBING PRESSURE: **1225** psig CASING PRESSURE: **-0-** psig GOR: **37500** BS & W: **.5** % BHP - (SHUT-IN): **4664** psi

GRAVITY: **46.2** °API @ 60°F CONSERVATION AGENT MAKING GAUGE: **Raymond Fisk** COMPANY REPRESENTATIVE: **W. M. Kelley** DATE GAUGED: **12-9-74** DATE COMP.: **10-9-74**

PLUG AND ABANDON (P&A) DATA

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

CERTIFICATE: I, the undersigned, state: That I am employed by **Zinn Petroleum Co.** 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: Robert L. Zinn Title: Owner-Operator

WORK RESUME

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

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
1034-74	10-7-74	Eastern Wire-line Services, Inc.	<p>Ran depth determination to 9912'</p> <p>Shaped charge thru-tubing. Perforated @ 9891' to 9897' - 24 holes with premium charges in 5 1/2" casing.</p>

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

FORMATION	DEPTH	FORMATION	DEPTH
<p>DEPT. CONSERVATION</p> <p>MAY 29 1975</p> <p>LAKE CHARLES</p>		<p>DEPT. OF CONSERVATION PERMIT SECTION BATON ROUGE, LA.</p> <p>DEPT. CONSERVATION</p>	<p>MAY 1975</p>

APR 28 1975 APR 18 1975

LAKE CHARLES LAKE CHARLES

DEGRADED

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. M. O. Miller #7 Sec. 29 T. 15S R. 5W
Field Crab Lake Parish Cameron
Permit Serial No. 55394 Work Permit No. 1034-74
Description of Work to perforate at 9891'-97' gamma ray
(to perforate and add to producing zone)

Sand & Reservoir To Be Tested C. F. Reservoir TD 12,750'

Operator Zinn Petroleum Company
Address 1910 C & I Building
City, State & Zip Houston, Texas 77002

Permit Requested By R. L. Zinn Date 10-9-74

Permit Authorized By [Signature] District 1/3 Date 10/10/74

See Instructions On Reverse Side

Form DW-20-74

INSTRUCTIONS

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

1. Abandon (Plug & Abd)
2. Deepen
3. Perforate
4. Squeeze
5. Plugback
6. Sidetrack
7. Pull Casing
8. Change Zone of Selective Completion
9. Drill Salt Water Disposal Well
10. Convert to Salt Water Disposal Well
11. Drill Product Storage Well

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Name & No. H.O. Miller #7 Sec. 29 T 158 R 54
Field Crab Lake Parish Cameron
Permit Serial No. 55394 Work Permit No. 948-80

Description of Work Plug & Abandon well. Spot 150' cement plug above
perfs. 9891' - 9916', cut and pull approximately 350' of 7"
production casing (10 3/4" surface @ 3525'), spot 50' plug above
& 50' below cut, spot 30' plug at surface.

Sand & Reservoir To Be Tested TD 12750'

Operator Exxon Petroleum Company
Address 1600 G & I Building
City, State & Zip Houston, Texas 77002

Permit Requested By W. B. Caie Date 9-2-80

Permit Authorized By W. G. White District L.C. Date 9/8/80

See Instructions On Reverse Side

Form DM-4R Rev.

INSTRUCTIONS

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STATE OF LOUISIANA
OFFICE OF CONSERVATION
PLUG AND ABANDON REPORT

WORK PERMIT NO. WELL SERIAL NO. 55394
DATE WORK FINISHED (MM-DD-YY) 10-16-81
 Lake Charles DISTRICT
(Three Copies to be Filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed.

Field Crop Lake Parish CAMERON Sec. 29 Twp. 15 Rge. 30W
Operator Zinn Petr. CODE
6081 Well Name Miller Well No. 7
Total Depth 12,748 Condition of Well Depleted

CHECK APPROPRIATE BOX:

- 29 DRY HOLE
 30 FORMERLY PRODUCTIVE WELL

	CASING SIZE	AMOUNT PULLED	CEMENT PLUGS			
			FROM	TO	SACKS	HOW PLACED
301	10 3/4	N/A	9786	9886	15	Sea board
302	5 1/2	3514	3414	3614	60	"
303			5	35	15	"
304						

Mud Record: Weight 9.0 lb/gal. Viscosity

Remarks: Typed cut. @ 3400'. Cut cap. 4' below G.L. used 1/2" steel plate on top

This work was done according to the Rules and Regulations of the Office of Conservation.

WITNESS

Zinn Petroleum
OPERATOR

(Signed)
REPRESENTATIVE