

WELL LOCATION: CHERRYVILLE CORPORATION
M. O. Miller A-Lease Well No. 1

Commencing at the Northwest Corner of Section 29, T. 15 S., R. 5 W., thence S. 01° 18' W. along the West Line of Section 2768.0 feet, thence S. 88° 45' E. 4125.7 feet to Location & being 100 feet South and 100 feet East of the Northwest Corner of the Northeast Quarter of the Southeast Quarter of Section 29.

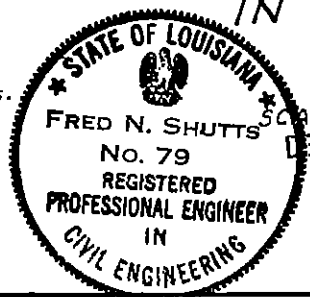
We hereby certify that we staked the above Well Location as shown, August 20, 1969. F. Shutts' Sons - Civil Engineers.

CHERRYVILLE CORPORATION
WELL LOCATION
CRAB LAKE AREA
IN SECTION 29, T. 15 S., R. 5 W.
CAMERON PARISH, LA.

AUGUST 21, 1969

SCALE: 1" = 1000'
 DEPT. OF CONSERVATION
 F. Shutts' Sons
 Civil Engineers
 Lake Charles, La.

Fred N. Shutts
 FRED N. SHUTTS, C.E., LA. REG. NO. 79



SEP 2 - LAKE CHARLES

WELL FILE COPY
PERMIT TO DRILL FOR MINERALS

PERMIT\$100.00
Multiple Zone Processing

Send To ATT
LAKE CHARLES/A Date SEPTEMBER 3, 1969
Serial No. Ser. #130221 API #1702320380
Parish CAMERON Field CRAB LAKE

Operator CHERRYVILLE CORPORATION
Address 710 OIL AND GAS BLDG.
City & State NEW ORLEANS, LOUISIANA 70112
Well Name M. O. MILLER "A" NO. 1
Location SEC. 29, T15S, R5W
100' SOUTH AND 100' EAST OF NW CORNER OF THE NE/4 OF SE/4
OF SEC. 29.

Zone or Reservoir of Proposed Completion F. T. D. 19,000'
Applicable Department of Conservation Order MIOCENE
29B AND 29C

[Signature]
COMMISSIONER

[Signature]
ISSUING AUTHORITY

113615

State of Louisiana



J. M. MENEFEE
COMMISSIONER

DEPARTMENT OF CONSERVATION
P. O. BOX 44275 - CAPITOL STATION
BATON ROUGE 70804

September 3, 1969

RE: M. O. MILLER #A# NO. 1
CRAB LAKE FIELD
CAMERON PARISH
SERIAL NUMBER 130221

Cherryville Corporation
710 Oil & Gas Building
New Orleans, Louisiana

Gentlemen:

We are issuing "Permit to Drill" for the above referenced well with the understanding that no allowable will be assigned until you have complied with the provisions of Statewide Order No 29-B, Section XVIII, dated March 1, 1967.

Very truly yours,

J. M. MENEFEE, Commissioner
DEPARTMENT OF CONSERVATION

BY: _____
J. W. HECKER
Assistant Chief Engineer

FS/mg
cc: Mr. W.C. Wilhite
District Manager
29-B-L/DS

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WELL COMPLETION OR RECOMPLETION REPORT

Lake Charles DISTRICT Re: Well Serial No.: 130221

Completed Flowing Operator: Cherryville Corporation
Recompleted Gas-Lifting Well Name: M. O. Miller "A"
Oil Pumping Well No.: 1, Sec. 29, Twp. 15S, Rge. 5W
Gas Shut-In Field Crab Lake
Parish Cameron

Date Completed or ~~RECOMPLETED~~ 4-3-70 at Shut in (a.m.) (p.m.)

COMPLETION DATA

Initial Production 23 BOPD Gas Volume 3,975 MCF/Day

Tubing Pressure 6,752 psig Casing Pressure 0 psig

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

Gas/Oil Ratio 169,310 CF/Bbl. Gravity 46.0 at 60° A. P. I.

Producing Depth: From 14,672 Ft. to 14,684 Ft. T. D. 17,900 Ft.

Name of Producing Sand: Siphonina davisii

*New Pool ~~NO NEW POOL~~ List Reason(s) for Pool Classification Sand
penetrated subsequent to May 24, 1960

*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: _____

Cherryville Corporation
COMPANY

J. Roy O. Quinn
COMPANY REPRESENTATIVE

Petroleum Engineer

TITLE

Form - Comp.

STON

NOV 1970

LAKE CHARLES



DEPARTMENT OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD

Crab Lake

SERIAL NO.

130221

PRODUCING INTERVAL

14,672'-14,684'

RESERVOIR (COMPANY SAND IDENTIFICATION)

Siphonina davisii

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

Cherryville Corporation

ADDRESS

P. O. Box 52314, Lafayette, La. 70501

LEASE NAME

M. O. Miller "A"

WELL NO.

1

PARISH

Cameron

SEC.

29

TWP.

15S

RGE.

5W

DATE PERMIT ISSUED

9-3-69

DATE SPUDDED

10-17-69

DATE READY TO PRODUCE*

4-3-70

TOTAL DEPTH

17,900'

PBTD.

15,659 (GR)

GROUND ELEVATION

-

CASING HEAD FLANGE ELEVATION

16.85

DISTANCE FROM RKB TO CHF

DATE WELL TURNED INTO TANKS

Shut in

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?

N/A

DATE FILED

N/A

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

(IES), FDC, SWS

DATE FILED

with W.H.

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 |
|---------------------|-------------------------|--------------------------|-----------|--------------------------|---------------|----------------------|-------------|--|
| 20 | | Driven | 96' | | | | | |
| 13-3/8 | 18 1/2 | 54.5, 68 | 4,020' | 3,014 | 1,500 | 1/2 hr | 10-20-69 | |
| 9-5/8 | 12 1/4 (43.5, 47, 53.5) | 13, 34.5 | 4,500' | 4,500 | 2,200 | 1/2 hr. | 12-11-69 | |
| 7" | 8-5/8 | 38 | 15,992' | 800 | | | | |
| 4 1/2" liner | 5-9/16 | 14.98 | 16,800' | 300 | | | | |
| TUBING SIZE: 2-3/8" | | DEPTH OF TUBING: 14,628' | | DEPTH OF PACKER: 14,620' | | | | |

INITIAL COMPLETION OR RE-COMPLETION DATA

| | | | | | | | |
|--------------------|----------------|---------------------------------|--------|------------------------|-------------|-----------------|---------|
| INITIAL PRODUCTION | 23 | GAS VOLUME | 3,975 | CHOKE SIZE | 12/64 | WELL STATUS | Shut in |
| TUBING PRESSURE | 6,752 psig | CASING PRESSURE | 0 psig | GOR | 169,310 | BS & W | Tr |
| GRAVITY | 46.0 *API 60°F | CONSERVATION AGENT MAKING GAUGE | | COMPANY REPRESENTATIVE | Bill Snoddy | BHP - (SHUT-IN) | - psi |
| | | | | | | DATE GAUGED | 3-25-70 |

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 | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Cherryville Corp.

CERTIFICATE: I, the undersigned, state: That I am employed by _____ 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.

Form WH

Signature:

J. Roy O. Quinn

Title:

Petroleum Engineer

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

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 |
|-----------------|---------------------|-----------------------------|--|
| 483-70 | 2-20-70 | Halliburton | Set 100 sx cement plug from 17,000' to 16,800'. |
| 484-70 | 2-22-70 | Halliburton | Squeezed top of 4½" liner with 300 sx cement. |
| 485-70 | 2-23-70 | Halliburton | Re-squeezed top of 4½" liner with 300 sxs cement. |
| 486-70 | 3-2-70 | - | Ran 7" tieback string to top of 7" liner and cemented with 100 sx cement. |
| 487-70 | 3-9-70 | Schlumberger | Perforated 16,070'-16,080' for production test. |
| 488-70 | 3-18-70 | Halliburton | Set cement retainer at 15,659' and squeezed perforations 16,070'-16,080' with 50 sx cement. |
| 489-70 | 3-19-70 | Schlumberger Halliburton | Perforated 14,702'-14,704' and squeezed with 378 sx cement to 5,000#. Perforated 14,646'-14,648' and squeezed with 193 sx cement to 5,500#. |
| 490-70 | 3-22-70 | Schlumberger | Perforated 14,672'-14,684' for production. |

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

| FORMATION | DEPTH | FORMATION | DEPTH |
|-----------|-------|-----------|-------|
| | | | |

RECEIVED
MAY 5 1970
DEPT. OF CONSERVATION
PERMIT

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

FORM A D

REPORT OF PROOF OF APPARENT DEVIATION

SERIAL NO. 130221

OPERATOR Cherryville Corporation DISTRICT Lake Charles

FIELD Crab Lake PARISH Cameron

WELL NAME & NO. M. O Miller "A" #1 SEC. 29 T 15S R 5W

| Degrees Deviation | Deviation Factor | DEGREES DEVIATION | DEPTH FROM SURFACE | LENGTH OF INTERVAL | DEVIATION FACTOR | DEVIATION OF INTERVAL | CUMULATIVE APPARENT DEVIATION | REMARKS |
|-------------------|------------------|-------------------|--------------------|--------------------|------------------|-----------------------|-------------------------------|---------|
| | | 1/2 | 602 | 602 | .00873 | 5.26 | 5.26 | |
| 1/4 | .00436 | 1 | 1161 | 559 | .01745 | 9.75 | 15.01 | |
| 1/2 | .00873 | 1 | 1700 | 539 | .01745 | 9.41 | 24.42 | |
| 3/4 | .01309 | 1-1/4 | 2800 | 1100 | .02182 | 24.00 | 48.42 | |
| 1 | .01745 | 1/2 | 3200 | 400 | .00873 | 3.49 | 51.91 | |
| 1 1/4 | .02182 | 1/4 | 4523 | 1323 | .00436 | 5.77 | 57.68 | |
| 1 1/2 | .02618 | 1/4 | 5056 | 533 | .00436 | 2.32 | 60.00 | |
| 1 3/4 | .03054 | 1/4 | 5521 | 465 | " | 2.03 | 62.03 | |
| 2 | .03490 | 1/4 | 6077 | 556 | " | 2.42 | 64.45 | |
| 2 1/4 | .03926 | 1/2 | 6613 | 536 | .00873 | 4.68 | 69.13 | |
| 2 1/2 | .04362 | 1/2 | 7713 | 1100 | " | 9.60 | 78.73 | |
| 2 3/4 | .04798 | 1 | 8404 | 691 | .01745 | 12.06 | 90.79 | |
| 3 | .05234 | 1/2 | 8664 | 260 | .00873 | 2.27 | 93.06 | |
| 3 1/4 | .05669 | 1/4 | 8950 | 286 | .00436 | 1.25 | 94.31 | |
| 3 1/2 | .06105 | 3/4 | 9492 | 542 | .01309 | 7.09 | 101.40 | |
| 3 3/4 | .06540 | 1/2 | 10053 | 561 | .00873 | 4.90 | 106.30 | |
| 4 | .06976 | 3/4 | 10415 | 362 | .01309 | 4.74 | 111.04 | |
| 4 1/4 | .07411 | 1 | 10975 | 560 | .01745 | 9.77 | 120.81 | |
| 4 1/2 | .07846 | 1 | 11453 | 478 | .01745 | 8.34 | 129.15 | |
| 4 3/4 | .08281 | 1/2 | 11767 | 314 | .00873 | 2.74 | 131.89 | |
| 5 | .08716 | 3/4 | 12423 | 656 | .01309 | 8.59 | 140.48 | |
| 5 1/4 | .09150 | 1/2 | 13219 | 796 | .00873 | 6.95 | 147.43 | |
| 5 1/2 | .09585 | 1/2 | 13949 | 730 | " | 6.37 | 153.80 | |
| 5 3/4 | .10019 | 1 | 14044 | 95 | .01745 | 1.66 | 155.46 | |
| 6 | .10453 | 1 | 14326 | 282 | .01745 | 4.92 | 160.38 | |
| 6 1/4 | .10887 | 1-3/4 | 14421 | 95 | .03054 | 2.89 | 163.27 | |
| 6 1/2 | .11320 | 1-3/4 | 14924 | 503 | .03054 | 15.32 | 178.59 | |
| 6 3/4 | .11754 | 1 | 15019 | 95 | .01745 | 1.66 | 180.25 | |
| 7 | .12187 | 1/2 | 15054 | 35 | .00873 | .31 | 180.56 | |
| 7 1/4 | .12620 | 1/2 | 15239 | 185 | .00873 | 1.62 | 182.18 | |
| 7 1/2 | .13053 | 1/4 | 15493 | 254 | .00436 | 1.11 | 183.29 | |
| 7 3/4 | .13485 | 1 | 16000 | 507 | .01745 | 8.85 | 192.14 | |
| 8 | .13917 | | | | | | | |
| 8 1/4 | .14349 | | | | | | | |
| 8 1/2 | .14781 | | | | | | | |
| 8 3/4 | .15212 | | | | | | | |
| 9 | .15643 | | | | | | | |
| 9 1/4 | .16074 | | | | | | | |
| 9 1/2 | .16505 | | | | | | | |
| 9 3/4 | .16935 | | | | | | | |
| 10 | .17365 | | | | | | | |

DEPT. CONSERVATION
Title Petroleum Engineer Date 4-28-70
MAY 1 1970

Certified as Being True & Correct by J. Harry Quinn

NOTICE: NO ALLOWABLE WILL BE ASSIGNED UNTIL PROOF OF COMPLIANCE WITH SECTION XVIII, STATEWIDE ORDER NO. 29-B IS RECEIVED BY THE DEPARTMENT OF CONSERVATION. THREE (3) SIGNED COPIES OF THIS REPORT SHOULD BE SUBMITTED WITH FORM WH ON ALL WELLS EXCEPT AS NOTED ON THE REVERSE SIDE.

SEE INSTRUCTIONS ON REVERSE SIDE

INSTRUCTIONS

This report shall be typewritten only and filed in triplicate as an attachment to the Well History and Work Resume Report (Form WH).

The tabulation, set apart in the blocked section on the left is for easy reference, and the three blank columns located between the double lines are for convenience in calculations. All blank columns should be completed so that all work may be easily checked.

In the first two columns record the Degrees Deviation and the Depth from Surface at which such deviation was recorded.

The Length of Interval for any particular Depth from Surface is obtained by subtracting the previous Depth from Surface from that particular point.

The only exception being the first Length of Interval which is equal to its Depth from Surface.

The Deviation Factor may be obtained from the tabulation on the left. Multiply the Length of Interval by the respective Deviation Factor to obtain the Deviation of Interval.

Cumulative Apparent Deviation is a running summation of Deviation of Interval values and the final figure in the Cumulative Apparent Deviation Column should be equal to the sum of all the individual Deviation of Interval figures and will be the apparent deviation of the hole at Total Depth.

If a Directional Survey determining the bottom of the hole is filed with the Commissioner of Conservation upon completion of the well, it shall not be necessary to furnish the Inclination Survey data.

RECEIVED

MAY 5 1970

DEPT. OF CONSERVATION
PERMIT SECTION

Lake Charles

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

Amend Operator

Amended Permit..... \$25.00

AMENDED PERMIT TO DRILL FOR MINERALS

SERIAL NO.: 130221 BATON ROUGE, LA., May 5, 1970
PARISH: Cameron FIELD: Crab Lake

OPERATOR: King Resources Company*
ADDRESS: P.O. Box 52314
Lafayette, Louisiana 70501

WELL NAME: M.O. Miller "A" NO.: 1
LOCATION OF WELL: Sec. 29 T 15S R 5W
Same
*Formerly: Cherryville Corporation

Zone or Reservoir of proposed completion:

Applicable Department of Conservation Order:

[Signature]
Commissioner

[Signature]
Issuing Authority

Amend Operator

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

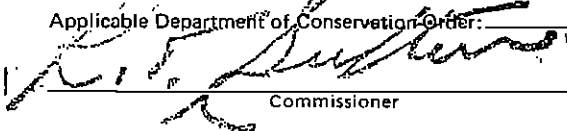
Amended Permit \$25.00

AMENDED PERMIT TO DRILL FOR MINERALS

SERIAL NO.: 130221 BATON ROUGE, LA., February 7 19, 75
 PARISH: Cameron FIELD: Crab Lake
 OPERATOR: Warwick Oil Corp. *
 ADDRESS: Box 51596
Lafayette, Louisiana
 WELL NAME: M.O. Miller A NO.: 1
 LOCATION OF WELL: Sec. 29 T. 15S R. 5W
Location Same
*Formerly: King Resources Company

Zone or Reservoir of proposed completion:

Applicable Department of Conservation Order:


 Commissioner


 Issuing Authority

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.

- DEPT. OF CONSERVATION
PERMIT SECTION
BATON ROUGE, LA.
- APR 2 1975
- RESERVED
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.

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

PLUG AND ABANDON REPORT

DATE WORK DONE 3-14-75

WELL SERIAL NO. 30221
WORK PERMIT NO. _____

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 Cab Lake Parish Cameroon Sec 29 Twp. 15S Rge. 15W
Company Warwick Oil Corp Lease H.O. Miller #7 Well No. 1
Total Depth 17900 Condition of Well Depleted

- 1. Surface Casing Size 13 3/8 Depth 4020 Amount Pulled None
- 2. Protection Casing Size 9 5/8 Depth 13875 Amount Pulled 400
- 3. Production Casing Size 7 Depth 15992 Amount Pulled None

CEMENT PLUGS

- 1. Depth 10950 To 10940 No. of Sacks 2 How Placed Superliner
- 2. Depth 475 To 325 No. of Sacks 120 How Placed Estes
- 3. Depth 30 To 0 No. of Sacks 20 How Placed By Hand

Mud Record: Weight 13.5 Viscosity 80

Remarks Baker Bridge Plug set @ 10950. Tagged plug @ 340
Cut casing off 4 1/2' below ground level & welded joint on top

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

Raymond Sisk
WITNESS

Warwick Oil Corp
COMPANY

William E. Bern
(Signed) REPRESENTATIVE