

No 48739

\$50.00

DEPARTMENT OF CONSERVATION
PERMIT TO DRILL FOR MINERALS

BATON ROUGE, LA., Sec. 3, 19 56

PARISH DESOTO FIELD SETHANY LONGSTREET
OPERATOR LATEX OIL AND GAS COMPANY, INC.
ADDRESS 1903 BECK BUILDING, SHREVEPORT, LA.
LOCATION OF WELL 500' WEST AND 500' NORTH OF CENTER OF SECTION 21.

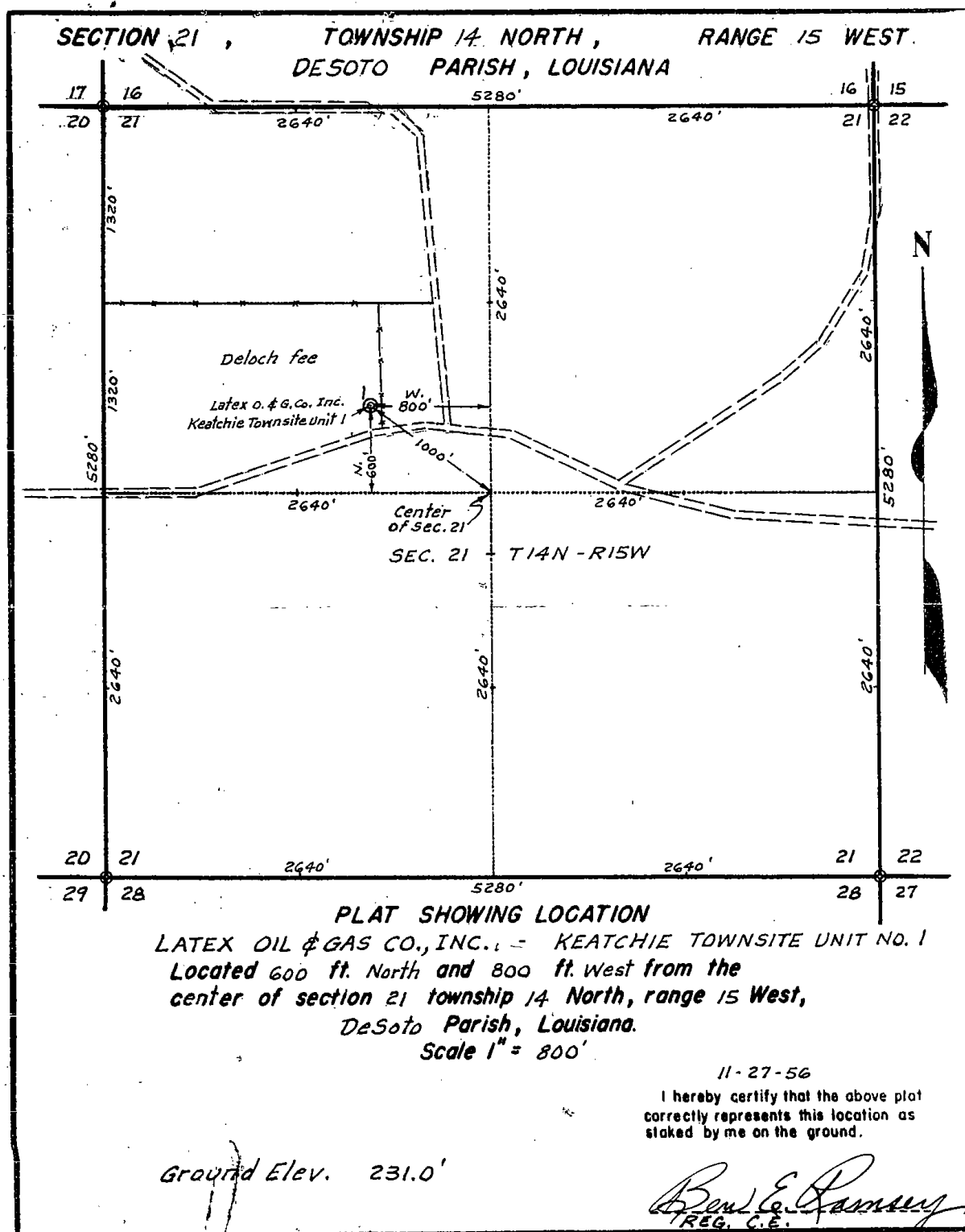
You are hereby authorized to drill KEATCHIE TOWNSHIP UNIT
Well No. ONE, referred to under application bearing serial No. 64172
dated NOV. 29, 1955, 19 55, signed by GAB-THAYIS PEAR
This well to be drilled to 540 zone on surface area of 540 acres
DRILLING CONTRACTOR GAB-THAYIS PEAR

SECRET

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

John B. Hussey
Commissioner, Department of Conservation
Form MD-13-R

Chief Engineer, Division of Minerals
5M Sets 11-55 T.J.M. 18-30, 40



No. 48739

DISTRICT OFFICE COPY
DEPARTMENT OF CONSERVATION

\$50.00

PERMIT TO DRILL FOR MINERALS

BATON ROUGE, LA., Dec. 3, 1956
PARISH DESOTO FIELD BETHANY-LONGSTREET
OPERATOR LATEX OIL AND GAS COMPANY, INC.
ADDRESS 1803 BECK BUILDING, SHREVEPORT, LA.
LOCATION OF WELL 800' WEST AND 600' NORTH OF CENTER OF SECTION 21.

Sec. 21, T. 14N, R. 15W

You are hereby authorized to drill KEATCHIE TOWNSITE UNIT

Well No. ONE, referred to under application bearing serial No. 64172

dated NOV. 29, 1956, 1956, signed by

This well to be drilled to GAS-TRAVIS PEAK zone on surface area of 640 acres

DRILLING CONTRACTOR

SIGNATURE

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

John B. Hussey
Commissioner, Department of Conservation
Form MD-13-R

Chief Engineer, Division of Minerals
F.I. Sets 11-55 T.J.M. 18-39. 40

[Handwritten signature]

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

AFFIDAVIT OF TEST OF CASING IN WELL
AND
APPLICATION FOR CLEARANCE

Permit No. 48739 Serial No. 64172 Date 12-44 195 6
Latex Oil & Gas Co., Inc.
Operator Field Bethany-Longstreet Ev. D.F. _____
Lease Keatchie Townsite Unit Well No. 1 Sec. 21 Twp. 14 N. Rnge 15 W
Size of Casing 9 5/8 In., Wt. Per Ft. 32.75 Lb., Make Pittsburgh
No. Threads per Inch 8 rd. Grade of Steel J 55
Seamless yes New or Second-Hand new
If Second-Hand, was casing tested? _____ Describe _____

Depth landed below derrick floor 619.72 ft., 300 sacks of cement.
Size of Hole 12 1/4 inch, amount cement left in casing 30'
Method of cementing Halliburton. Cement set 12 Hours.
Under 0 pounds of pressure. Total time set 18 Hours.
Details of pressure test before drilling plug. _____
Date of Test 12-4 195 6. Gauge pressure of casing 1000 Pounds.
Pressure at end of thirty (30) minutes 1000 lbs. Drop 0 Pounds.
Remarks: _____

S. F. Platt
Representative of Operator

WITNESS:

Company _____
Representative _____
Company _____
Representative _____

Department of Conservation

J. L. Lick

NOTE: Use for affidavit for
Test of all casing string.

POTENTIAL REPORT

Type Well: Oil _____ Gas # Distillate #

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

Parish DeSoto Field Bethany-Lonsatret
Latex Oil & Gas Co., Inc. Serial No. 64172

Well Name & No. Keatchie Townsite Unit #1

Location: Sec. 21 Twp. 14 Rge. 15 Flowing # Pump _____

Prod. Horizon Crane Perf. Int. 6429' to 6443'

Casing Setting: Size 5 1/8" @ 6515'

Tubing Setting: Size 2" @ 6559' T.D. 6670'

Date Completed 1-1-57 Date Gauged 1-10-57

Acidize with 7250 gals. Elev. of Derr. Floor _____

SEE REMARKS

— TEST DATE —

T. P. _____ C. P. _____ Choke Size _____/64th

Closing TK Gge. _____ ft. _____ in. @ _____ Time

Opening TK Gge. _____ ft. _____ in. @ _____ Time

Diff. _____ ft. _____ in. _____ Hours (Time)

Tank No. _____ Tank Coef. _____

Bbls. Per. _____ Hrs. _____ Est. Bbls. Per Day _____

Daily Gas Vol. _____ *M"CF. G/O Ratio _____

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

Witnessed _____ Title _____

Gauged by J. L. Patruski Title Pet. Insp.
Department of Conservation

District Office _____

Remarks: Open flow 490,000 MCF. and 104.8 bbls.

of 69.0 gravity Dist. per. million cu. ft.

of Gas. S.I.T.P. 2568, Gsg. on packer.

Well head shut in waiting on gas market

* Thousands

Form S D M-2

60M 7-54 T.J.M.



STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

AFFIDAVIT OF TEST OF CASING IN WELL
AND
APPLICATION FOR CLEARANCE

Permit No. 48739 Serial No. 64172 Date 1-1-57 195
Latex Oil & Gas Co., Inc.
Operator _____ Field Bethany-Longstreet Ev. D.F. 329'
Lease Keatchie Townsite Well No. 1 Sec. 21 Twp. 14 N. Rnge 15 W
Size of Casing 5 1/8 In., Wt. Per Ft. 15.50 Lb., Make Pittsburgh
No. Threads per Inch 8 rd. Grade of Steel J 55
Seamless yes New or Second-Hand new
If Second-Hand, was casing tested? _____ Describe _____
Depth landed below derrick floor 6515' ft., 550 sks. pos. W/4 sacks of cement.
Size of Hole 8 3/4 inch, amount cement left in casing 30'
Method of cementing Halliburton. Cement set 36 Hours.
Under 500 pounds of pressure. Total time set 48 Hours.
Details of pressure test before drilling plug. _____
Date of Test ## 1-1 1957. Gauge pressure of casing 3000 Pounds.
Pressure at end of thirty (30) minutes 3000 lbs. Drop 0 Pounds.
Remarks: _____

O.P. Pleasant
Representative of Operator

WITNESS:

Company _____

Representative _____

Company _____

Representative _____

Department of Conservation J. L. Patrick

Use for affidavit for
Test of all casing string.

COPY DISTRICT OFFICE

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
MINERALS DIVISION

LOG OF WELL

FIELD Bethany-Longstreet COMPANY Inter Oil & Gas Co., Inc.
Parish DeSoto Sec. 21 Twp. 14N Rge. 15W Elevation 339
Derrick Floor 339
Ground _____
Location 800' W & 600' N of Center of Section 21
Lease Kentchie Townsite Well No. 1 Permit No. 48739 Permit Serial No. 64172
The data given herewith is a complete record of the well and all work done thereon as determined from all available records.
Began Drilling December 3 19 56 Completed January 2 19 57
Completed as Oil () Gas (X) Condensate (X) Dry () Well

OIL AND GAS ZONES SALT WATER SANDS FRESH WATER SANDS
From 6429 to 6443 feet In zone of production From _____ to _____ feet
From 5418 to 5422 feet From _____ to _____ feet
From _____ to _____ feet From _____ to _____ feet

DRILL STEM TESTS

Depth		Recovery in Stands			Chokes		Lbs. Pressure		Date	Time	Size D. S.
Seat	Bottom	Oil	Water	Sd. or Mud	Top	Bottom	Top	Bottom			
<u>5413</u>	<u>5453</u>			<u>1/3</u>	<u>1/4</u>	<u>3/8</u>	<u>75</u>	<u>2640</u>	<u>12-17</u>	<u>4PM</u>	<u>4 1/2</u>
<u>6427</u>	<u>6450</u>	<u>1 2/3</u>		<u>2</u>	<u>1/4</u>	<u>3/8</u>	<u>1225</u>	<u>3150</u>	<u>12-27</u>	<u>3PM</u>	<u>4 1/2</u>

CASING RECORD

Size	Wt. Per Foot	Make	Where Landed	No. of Sks. Cement	Stood Hours	Pressure Test, Lbs.
<u>9 5/8</u>	<u>36#</u>	<u>Youngstown</u>	<u>620'</u>	<u>300</u>	<u>24</u>	<u>1000#</u>
<u>5 1/2</u>	<u>15.5#</u>	<u>Youngstown</u>	<u>6515'</u>	<u>550</u>	<u>48</u>	<u>3000#</u>

COMPLETION DATA

Liner Size _____ Weight _____ Length _____ Screen Size _____ Gage _____ Length _____
Casing Perforations (prod. depth) from 6429 to 43 ft. No. of holes 56
Acidized with 7250 gallons. Other physical or chemical treatment of well to induce flow _____
Prod. began Shut in 19 ____ Making _____ bbls./day of ____ A. P. I. Gravity Fluid on _____ Choke.
Tub. Pres. _____ lbs./sq. in. Csg. Pres. _____ lbs./sq. in. Gas Vol. _____ M. C. F. Gas Oil Ratio _____
B. S. & W. _____ % Gas Gravity _____ B. T. U.'s/M. C. F. _____ Gals. Gasoline/M. C. F. _____
See Potential which will follow shortly.

WELL DATA

Indicate (yes or no) whether or not the following information was obtained.
Electrical Log Yes Date 12-29 19 56 Straight Hole Survey Yes Type Totco
Time Drilling Record Yes Other Types of Hole Survey Yes Type Gamma Ray
Core Analysis Yes Depth 6429 to 43
5418 to 22

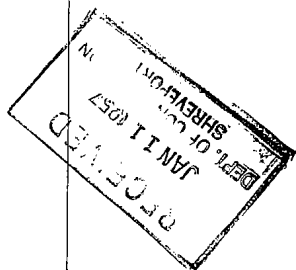
LOCATION OF WELL BOTTOM

Latitude _____ ft. Departure _____ ft. Average Inclination 1/2° Vertical Correction _____
Drilling Contractor O'Brien Drilling Co. Signed _____
Date January 8 19 57 Title Production Superintendent
Form No. 12-M-R 10M 7-53 T.J.M.

DRILLER'S LOG

From	To	Type of Formation	From	To	Type of Formation
0	47	Surface Clay			
47	641	Sd & sh			
641	1880	Shale & sd			
1880	2050	Chalk			
2050	2155	Shale & lime			
2155	2547	Shale & lime strks			
2547	5056	Shale & lime			
5056	5309	Anhydrite & shale			
5309	5325	Shale			
5325	5387	Shale & lime			
5387	5405	Shale			
5405	5453	Core #1, shale & lime			
5453	6044	Shale & lime			
6044	6080	Shale			
6080	6415	Shale & lime			
6415	6437	Core #2, Shale & lime			
6437	6450	Core #3, Shale & lime			
6450	6620	Shale & lime			

47
2155
5056
5309
5325
5387
5405
5453
6044
6080
6415
6437
6450
6620



1803 Beck Bldg

11-29-56

SCOUT REPORT

Pat. 12-6-56

DIVISION P-4873 9 8-64172

PAR. DESo FIELD Beth-Lgst

OPERATOR Latex Oil & Gas Co., Inc.

FARM Keatchie Townsite Unit WELL NO. 1

LOCATION 800' W & 600' N of center

SEC. 21 TWP. 14 RNG. 15 ELEV.

BEGAN DRLG. COMPLETED

TOTAL DEPTH Travis Peak TOP PAY

INIT. PRODUCTION DL + EL + micros
1-11-57

CASING RECORD O'Brien Drlg. Co.

Patent 1-15-57

DATE	CONDITION
<u>12-7</u>	<u>Spd. 12-3. 80 x 9 5/8"</u>
	<u>@ 619.72' w/300</u>
	<u>set wbc 635</u>
<u>14</u>	<u>Dlg. sh + li 4465</u>
<u>21</u>	<u>D&T. fr. 5453-05' 5453</u>
<u>28</u>	<u>Dlg. 6320</u>
	<u>over</u>

DATE 1/8/57

CONDITION

1-2 Let 5 1/2 @ 6515 w/
550 st. 2100 6620

11 Compro gas cond. well
thru perf. 6229-43' in
Crane. S d WOP 7 6620

18 Oper flow 497000 MCF x 104.8
bbls of 69.0 gms. dist per
million cu. ft. gas
LTP 2568. Cogen Pks 6620

FIELD

PRODUCTION RECORD

NO. FLOWING WELLS

AV. DAILY PROD.

NO. PUMPING WELLS

AV. DAILY PROD.

AGENT

DISTRICT OFFICE COPY

NO.

A-6

AMENDED PERMIT (Corrected)

Amend Well Name

AMENDED PERMIT TO DRILL FOR MINERALS (CORRECTED)

Serial No. 64172 Date August 14, 1972Parish DeSoto Field Bethany-LongstreetOperator Jones-O'Brien, IncorporatedAddress P.O. Box 5152City & State Shreveport, Louisiana 71105Well Name Crane SU 18; Keatchie Townsite # No 1Location of Well: Sec. 21 T. 14N R. 15WLocation Same#Formerly; Keatchie Townsite Unit

Zone or Reservoir of Proposed Completion _____

Applicable Department of Conservation Order 289
COMMISSIONER
ISSUING AUTHORITY

PT. OF CONSERVATION
USE ONLY

FORM MD-15-R
(R 2-1976)

AMENDED PERMIT TO DRILL FOR MINERALS

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
Amended Permit. \$25.00

☒ Change

8203 Effective
yy mm

AMENDMENT ACTION

- ☐ 0.9. ☐ PARISH
☐ 0.3.4. ☐ FIELD
☐ 0.3.5. ☒ OPERATOR
☐ 0.1.6. ☐ LSE-UN
☐ 0.1.6. ☐ UN-LSE
☐ 0.1.6. ☐ LSE-LSE
☐ 0.1.6. ☐ UN-UN
☐ 0.1.4. ☐ WELL NO.
☐ 5.2.1. ☐ LOCATION

064172

Serial No.

S

Date March 8, 1982

CURRENT CODES

016

PARISH

DeSoto

1464

FIELD

Bethany-Longstreet

3058

OPERATOR

L-O'B Operating Company*

ADDRESS

P.O. Box 5928

CITY & STATE

Shreveport, La. 71105

FORMER CODES

3138

601436

WELL NAME

Crane SU18; Keatchie Townsite

No. 1

LOCATION OF WELL: Sec. 21 T 14N R 15W Former Well No.

Location Same

*Formerly Jones-O'Brien, Incorporated

Applicable Department of Conservation Order 289

Commissioner

Issuing Authority

eds

DISTRICT OFFICE COPY

No. 74348 A

DEPT. OF CONSERVATION
USE ONLY

~~XXX~~ Change

8709 Effective
yymm

AMENDMENT ACTION

- ☐ 0.0.9.1 PARISH
☐ 0.3.4.2 FIELD
☒ 0.0.3.2 OPERATOR
☐ 0.1.6.2 LSE-UN
☐ 0.1.6.5 UN-LSE
☐ 0.1.6.2 LSE-LSE
☐ 0.1.6.2 UN-UN
☐ 0.1.4.2 WELL NO.
☐ 5.2.1.2 LOCATION

FORM MD-15-R
(R 2-1976)

AMENDED PERMIT TO DRILL FOR MINERALS

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
Amended Permit \$75.00

064172

Serial No. S Date September 17, 1987

CURRENT CODES

016

PARISH

DeSoto

1464

FIELD

Bethany-Longstreet

1849

OPERATOR

Franks Petroleum Inc.*

ADDRESS

P.O. Box 7665

CITY & STATE

Shreveport, LA 71137

FORMER CODES

3058

601436

WELL NAME Crane SUIB; Keatchie Townsite

No. 1

LOCATION OF WELL: Sec. 21 T. 14N R. 15W Former Well No.

*J-O'B Operating Company

Applicable Department of Conservation Order 29B

Herbert W. Thompson

Commissioner

2 J. L. L. L.

Issuing Authority

DISTRICT OFFICE COPY

No. 107779 A

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

064172 SERIAL NO DATE 03/19/90 EFFECTIVE 10/89

CURRENT CODES

016 PARISH	DESOTO	DISTRICT 61 SHREVE
1464 FIELD	BETHANY LONGSTREET	
5586 OPERATOR	Sonat Exploration Co.	
	P.O. Box 1513	
	Houston, Texas	77251

2-601436WELL NAME CRANE SU18;KEATCHIE-TOWNSITE NO. 001
LOCATION OF WELL SEC 021 T 14N R 15W
FORMER OPER: FRANKS PETROLEUM INC.

S000711

APPLICABLE OFFICE OF CONSERVATION ORDER 29B, 29E , 28 9

J. PATRICK BATCHELOR

FELIX J. BOUDREAUX

COMMISSIONER

ISSUING AUTHORITY

DISTRICT OFFICE

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

064172 SERIAL NO DATE 06/27/91 EFFECTIVE 05/91

CURRENT CODES

016 PARISH	DESOTO	DISTRICT 61 SHREVE
1464 FIELD	BETHANY LONGSTREET	
1950 OPERATOR	VERNON E. FAULCONER, INC.	
	P.O. BOX 7995	
	TYLER, TX.	75711

2-601436WELL NAME CRANE SU18;KEATCHIE-TOWNSITE NO. 001
LOCATION OF WELL SEC 021 T 14N R 15W
FORMER OPERATOR: SONAT EXPLORATION CO.

S001011

APPLICABLE OFFICE OF CONSERVATION ORDER

J. PATRICK BATCHELOR

FELIX J. BOUDREAUX

COMMISSIONER

ISSUING AUTHORITY

DISTRICT OFFICE

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

RECEIVED

MAR 30 1998

OFFICE OF CONSERVATION
SHREVEPORT, LA

District SHREVEPORT INPUT TYPE
Field Bethany - Longstreet (1464) 1 - OC Only
Parish Desoto (016) 2 - Original
Operator VERNON FAULKNER, INC Code 1950 3 - Correction
Sec. 021 TWP. 14N RGE. 15W Test Date 3 126 198
12 Mo. Day Yr.

TYPE OF WELL

☒ 1-OIL
☒ 2-GAS

TYPE OF TEST

☒ 1-COMPLETION
☒ 2-RECOMPLETION
☒ 3-RETEST

PRODUCING METHOD

☒ F-FLOWING
☒ P-PUMPING
☒ G-GASLIFT

WELL SERIAL NO.	WELL NAME	WELL NO.	NAME OF RESERVOIR
064172	CRANE	001	CRANE

27

PBTD 6465

TOTAL DEPTH	PERFORATED INTERVAL FROM	PERFORATED INTERVAL TO	CHOKE /64"	OIL BBL/DAY	COND. BBL/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
6620'	6429	6443	open	—	2	144	72000
33	38	43	48	51	57	63	69

API GRAV. @ 60° F.	WATER BBL/DAY	BS&W %	FLOWING PRES. (PSIG)	CASING PRES. (PSIG)	DATE OF COMPLETION MO.	DATE OF COMPLETION DAY	DATE OF COMPLETION YR.
67	2.5	0	75	95	1	2	57
76	80	86	89	95	101		

CLOSE TANK/METER GAUGE _____ TIME
OPEN TANK/METER GAUGE _____ TIME
DIFFERENCE _____ in _____ HOURS
TANK/METER NO. _____ TANK COEF. _____

STATIC PRES. _____ DIFFERENTIAL PRES. _____ LINE SIZE _____
PLATE SIZE _____ COEFFICIENT _____ METER SPRING & DIFF. RANGE _____
REMARKS Tested by Gardner Consultants

WITNESSED BY R.A. [Signature] GAUGED BY Kevin Edwards
TITLE CRA TITLE _____