

**Santa Fe, New Mexico**

416

**AREA 640 ACRES  
LOCATE WELL CORRECTLY**

**L. F. 3742**

.....  
(Company or Operator)

(L-239)

Well No. 1 in NE ¼ of SE ¼ of Sec. 7 T. 10N R. 20E NMPM

## ASTORIA

**Pool** ..... **RENT**

County.

Well is 2310 feet from SOUTH line and 390 feet from EAST line

of Section 7..... If State Land the Oil and Gas Lease No. is 63-780

Drilling Commenced..... **JUNE 21,** ..... 19 **50** Drilling was Completed..... **JULY 17,** ..... 19 **50**

Name of Drilling Contractor..... **NOACH & SHEPARD**

Address..... **ANTHESIA, NEW MEXICO**

Elevation above sea level at <sup>GROUND</sup>Top of Tubing Head <sup>362</sup>..... The information given is to be kept confidential until  
....., 19.....

## OIL SANDS OR ZONES

No. 1. from **2075** to **20 93** No. 4. from **2300** to **2308**

No. 2. from 2164 to 2172 No. 5. from \_\_\_\_\_ to \_\_\_\_\_

No. 3. from **214** to **219** No. 6. from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 113 to 122 feet.

No. 2, from ..... to ..... feet. ....

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 4. from.....to.....feet.

### CASING RECORD

## MUDDING AND CEMENTING RECORD

### RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Ots. or Gals. used, interval treated or shot.)

Perforated 4 shots per ft. 2164-72, 2166-90 and 2200-2208, Frac. w/45,000 gal. oil and 60,000 lbs. sand.

Flow 40 BOPD on 1/2" chg. choke

Result of Production Stimulation.....

..... Depth Cleaned Out..... 2351

E. ORD OF DRILL-STEM AND SPECIAL TEST.

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet.  
Cable tools were used from.....feet to.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing....., 1958  
OIL WELL: The production during the first 24 hours was.....barrels of liquid of which.....% was  
was oil; .....% was emulsion; .....% water; and.....% was sediment. A.P.I.  
Gravity.....  
GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of  
liquid Hydrocarbon. Shut in Pressure.....lbs.  
Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

| Southeastern New Mexico |                     | Northwestern New Mexico    |
|-------------------------|---------------------|----------------------------|
| T. Anhy.....            | T. Devonian.....    | T. Ojo Alamo.....          |
| T. Salt.....            | T. Silurian.....    | T. Kirtland-Fruitland..... |
| B. Salt.....            | T. Montoya.....     | T. Farmington.....         |
| T. Yates.....           | T. Simpson.....     | T. Pictured Cliffs.....    |
| T. 7 Rivers.....        | T. McKee.....       | T. Menefee.....            |
| T. Queen.....           | T. Ellenburger..... | T. Point Lookout.....      |
| T. Grayburg.....        | T. Gr. Wash.....    | T. Mancos.....             |
| T. San Andres.....      | T. Granite.....     | T. Dakota.....             |
| T. Glorieta.....        | T. ....             | T. Morrison.....           |
| T. Drinkard.....        | T. ....             | T. Penn.....               |
| T. Tubbs.....           | T. ....             | T. ....                    |
| T. Abo.....             | T. ....             | T. ....                    |
| T. Penn.....            | T. ....             | T. ....                    |
| T. Miss.....            | T. ....             | T. ....                    |

FORMATION RECORD

|           |                                   |
|-----------|-----------------------------------|
| 0 - 25    | Caliche                           |
| 25 - 265  | Sand and Red Bed                  |
| 265 - 315 | Anhydrite                         |
| 315 - 322 | Sand (Water)                      |
| 322 -1412 | Anhydrite W/Shale Stringers       |
| 1412-1439 | Sand                              |
| 1439-1590 | Anhydrite                         |
| 1590-1600 | Lime                              |
| 1600-1620 | Sandy Shale                       |
| 1620-1690 | Anhydrite                         |
| 1690-1725 | Sand                              |
| 1725-1748 | Anhydrite (Sandy)                 |
| 1748-1765 | Red Rock                          |
| 1765-1785 | Shale                             |
| 1785-1805 | Lime                              |
| 1805-1815 | Red Rock                          |
| 1815-1875 | Anhydrite                         |
| 1875-1940 | Lime                              |
| 1940-1945 | Sand (Slight Show of Gas)         |
| 1945-2005 | Lime                              |
| 2005-2030 | Sandy Lime                        |
| 2030-2039 | Lime                              |
| 2039-2043 | Sand                              |
| 2043-2054 | Lime and Sand                     |
| 2054-2062 | Lime                              |
| 2062-2070 | Sand (Slight Show of Oil and Gas) |
| 2070-2073 | Lime                              |
| 2073-2088 | Sandy Lime (Show of Oil)          |

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well  
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

ARTESIA, NEW MEXICO AUGUST 5, 1958  
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

RALPH NIX & JERRY CURTIS T.P. State, Well No. 1, in NE 1/4, SE 1/4,  
(Company or Operator) (Lease)

I, Sec. 7, T. 18S, R. 28E, NMPM., ARTESIA Pool  
Unit Letter

KUDY

County. Date Spudded 6-21-58 Date Drilling Completed 7-17-58

Please indicate location:

Elevation 3621 GROUND Total Depth 2252 PBTD 2235

Top Oil/Gas Pay 2164 Name of Prod. Form. GRAYBURG

PRODUCING INTERVAL -

Perforations 2164-72, 2186-90 and 2200-2208

Open Hole Depth Casing Shoe 2251 Depth Tubing 2143

OIL WELL TEST -

Natural Prod. Test: 10 GAL. OIL PER HR. Choke Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 40 bbls. oil, 0 bbls water in 24 hrs, min. Size 1/2

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 45,000 GALLONS OF OIL AND 60,000 LBS. OF SAND

Casing Tubing Date first new Press. 480 Press. 120 oil run to tanks AUGUST 1, 1958

Oil Transporter: MALCO REFINERIES INC., PIPELINE DIVISION

Gas Transporter:

Tubing, Casing and Cementing Record

Size Feet Sax

|       |      |     |
|-------|------|-----|
| 8 5/8 | 157  | 50  |
| 5 1/2 | 2251 | 100 |
| 2     | 2143 |     |

Remarks: IP FLOW 40 BOPD ON 2" TBG. CHOKED

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

Approved: AUG 6 1958, 19

RALPH NIX & JERRY CURTIS  
(Company or Operator)

By: Jerry Curtis  
(Signature)

OIL CONSERVATION COMMISSION

By: M. Armstrong

Title: CO-OWNER

Send Communications regarding well to:

Title:

Name: NIX & CURTIS

Address: BOX 605, ARTESIA, NEW MEXICO

OIL CONSERVATION COMMISSION

ARTESIA DISTRICT OFFICE

No. Cases Received

8

REGISTRATION

5

1

1

1

✓

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Form C-110  
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator RALPH NIX & JERRY CURTIS Lease T. P. STATE

Well No. 1 Unit Letter I S 7 T 133 R 28E Pool ARTESIA

County EDDY Kind of Lease (State, Fed. or Patented) STATE

If well produces oil or condensate, give location of tanks: Unit I S 7 T 133 R 28E

Authorized Transporter of Oil or Condensate MALCO REFINERIES INC., PIPELINE DIVISION

Address BOX 125 ARTESIA, NEW MEXICO

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas \_\_\_\_\_

Address \_\_\_\_\_

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

INSUFFICIENT VOLUME - VENTED

Reasons for Filing: (Please check proper box) New Well \_\_\_\_\_ ( ☒ )

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership \_\_\_\_\_ ( ) Other \_\_\_\_\_ ( )

Remarks: \_\_\_\_\_ (Give explanation below)

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 5TH day of AUGUST 19 58

By Jerry Curtis

Approved AUG 6 1958 19 58

Title CO-OWNER

OIL CONSERVATION COMMISSION

Company RALPH NIX & JERRY CURTIS

By M. D. Armstrong

Address BOX 605

Title REG. ADJ. GAS INSPECTOR

ARTESIA, NEW MEXICO

|                              |     |
|------------------------------|-----|
| OIL FIELD REVENUE COMMISSION |     |
| OFFICE                       |     |
| No. Co. 3                    | 8   |
| Oil                          | 5   |
| Gas                          | 1   |
| Water                        | 1   |
| S. 2                         |     |
| U. S. 2                      |     |
| Trans. 2                     |     |
| File                         | 1 2 |

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY RALPH NIX & JERRY CURTIS  
(Address)

LEASE T. P. STATE WELL NO. 1 UNIT I S 7 T 18S R 28E

DATE WORK PERFORMED VARIOUS POOL ARTESTA

This is a Report of: (Check appropriate block) ☒ Results of Test of Casing Shut-off

☐ Beginning Drilling Operations

☐ Remedial Work

☐ Plugging

☒ Other

Detailed account of work done, nature and quantity of materials used and results obtained.

7-18-58 T. D. 2252' - Ran 5 1/2" to 2251' and cemented w/100 sax

7-21-58 Bailed down - top cement in pipe 2235'. Perf. 2164-72, 2186-90 and 2200-2208 w/4 jets per ft.

7-22-58 Ran 2" tbg. to 2143' and frac. all zones w/45,000 gal. oil and 60,000 lbs. sand, using 63 balls in 3 stages. When pressure dropped to 500 lbs. started flowing back to tank and died. Swabbed about 6 hrs. and started flowing load oil.

8- 1-58 Recovered all load oil and flowing new oil to tanks at rate of 40 BOPD on 1/4" tbg. choke w/Garrett Tool installed.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_

Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_

Perf Interval (s) \_\_\_\_\_

Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:

Date of Test \_\_\_\_\_

Oil Production, bbls. per day \_\_\_\_\_

Gas Production, Mcf per day \_\_\_\_\_

Water Production, bbls. per day \_\_\_\_\_

Gas-Oil Ratio, cu. ft. per bbl. \_\_\_\_\_

Gas Well Potential, Mcf per day \_\_\_\_\_

Witnessed by \_\_\_\_\_

BEFORE

AFTER

(Company)

OIL CONSERVATION COMMISSION

Name W. H. Armstrong  
Title \_\_\_\_\_  
Date AUG 6 1958

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

Name Jerry Curtis  
Position CO-OWNER  
Company RALPH NIX & JERRY CURTIS

NATIONAL CONSERVATION COMMISSION  
ASIAN HERITAGE  
CONSERVATION  
7  
5  
1

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY RALPH NIX & JERRY CURTIS  
(Address)

LEASE T. P. STATE WELL NO. 1 UNIT I S 7 T 189 R 288  
DATE WORK PERFORMED VARIOUS POOL ARTESIA

This is a Report of: (Check appropriate block) ☒ Results of Test of Casing Shut-off  
☐ Beginning Drilling Operations ☐ Remedial Work  
☐ Plugging ☐ Other

Detailed account of work done, nature and quantity of materials used and results obtained.

6-25-58 Ran 457' of 8 5/8" csg.  
6-26-58 T. D. 565' in anhydrite. Cemented 8 5/8" @ 457' w/50 sax.  
6-27-58 Bailed water and drilled cement plug. Bailed drg and tested. Had water shut off.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
Perf Interval (s) \_\_\_\_\_  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:

|                                 | BEFORE | AFTER |
|---------------------------------|--------|-------|
| Date of Test                    | _____  | _____ |
| Oil Production, bbls. per day   | _____  | _____ |
| Gas Production, Mcf per day     | _____  | _____ |
| Water Production, bbls. per day | _____  | _____ |
| Gas-Oil Ratio, cu. ft. per bbl. | _____  | _____ |
| Gas Well Potential, Mcf per day | _____  | _____ |

Witnessed by \_\_\_\_\_

(Company)

OIL CONSERVATION COMMISSION

Name M. Armstrong  
Title 15826709  
Date AUG 6 1958

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

Name Jerry Curtis  
Position COMMISSIONER  
Company RALPH NIX & JERRY CURTIS

OIL CONSERVATION COMMISSION  
ALBERTA DISTRICT OFFICE  
DATE: \_\_\_\_\_ 7 \_\_\_\_\_  
REGISTRATION \_\_\_\_\_  
C