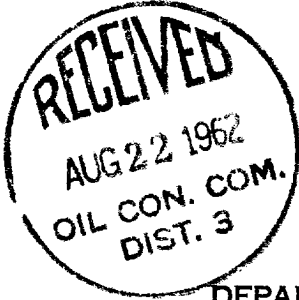


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LOCATE WELL CORRECTLY



U. S. LAND OFFICE Dulce, New Mexico

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT Jicarilla Tribal Oil & Gas Lease No. 156

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shur-Alan Oil Company Address 1402 Denver U. S. National Center
 Lessor or Tract Jicarilla No. 156 Field Undesignated PC State New Mexico
 Well No. 2-A Sec. 1 T23N R. 2W Meridian NMPM County Rio Arriba
 Location kg1050 [N.] of S Line and 790 ft. [W.] of E Line of SE 1/4 Elevation 7360
 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.
 Signed [Signature]

Date August 10, 1962 Title Mgr. of Lands & Explorations

The summary on this page is for the condition of the well at above date.

Commenced drilling 5-13-62, 19... Finished drilling 5-22-62, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3261 to 3328 (G) No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

| Size casing | Weight per foot | Threads per inch | Make | Amount | Kind of shoe | Cut and pulled from | Perforated | | Purpose |
|-------------|-----------------|------------------|------|--------|--------------|---------------------|------------|------|---------|
| | | | | | | | From- | To- | |
| 8 5/8" | 24# | 8 rd | CFI | 105' | | | 3261 | 3272 | Prod. |
| 4 1/2" | 9.5# | 8 rd | CFI | 3355' | | | 3278 | 3288 | Prod. |
| 1" tbg. | 2.5# | 8 rd | CFI | 3280' | | | 3316-8 | 3328 | Prod. |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|-------------|-------------|--------------------|
| 8 5/8" | 105' | 60 | Halliburton | | |
| 4 1/2" | 3355' | 125 | | | |

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

| Size | Shell used | Explosive used | Quantity | Date | Depth shot | Depth cleaned out |
|------|------------|----------------|----------|------|------------|-------------------|
| | | | | | | |
| | | | | | | |
| | | | | | | |

TOOLS USED

Rotary tools were used from 0 feet to 3355' feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19... Put to producing _____, 19...

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 2047 MCf/d Gallons gasoline per 1,000 cu. ft. of gas _____

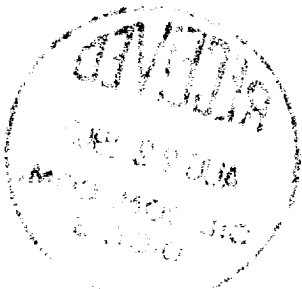
Rock pressure, lbs. per sq. in. 345

EMPLOYEES

Rayco Drilling Company, Driller _____, Driller _____
 _____, Driller _____, Driller _____

FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|-------|------|------------|---|
| | 3070 | | Ojo Alamo |
| | 3126 | | Kirtland |
| | 3230 | | Fruitland |
| | 3250 | | Pictured Cliffs |
| | | | Subject well sand fraced with 30,000# sand and 35,500 gallons of water. |
| | | | 3 hr back pressure test run July 24, 1962 Charts attached. |



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Grid for well location with columns for Township, Range, and Section.

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-53094-2 U. S. GOVERNMENT PRINTING OFFICE

Table with columns: FROM, TO, TOTAL FEET, and FORMATION. The table is mostly empty, with some faint text visible in the first column.