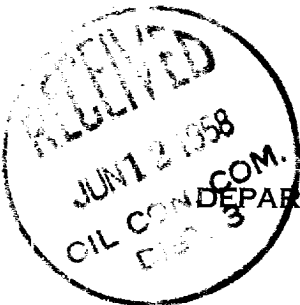
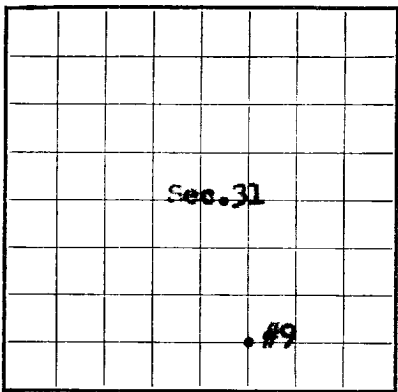


U. S. LAND OFFICE **Jicarilla Tribal**  
SERIAL NUMBER **Jicarilla "B"**  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Contract #68  
Tract #127

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **SKELLY OIL COMPANY** Address **Box 426, Farmington, New Mexico**  
Lessor or Tract **Jicarilla "B"** Field **Otero-Gallup** State **New Mexico**  
Well No. **9** Sec. **31** T. **25N** R. **5W** Meridian **N.M.P.M.** County **Rio Arriba**  
Location **660** ft. **[S.]** of **N.** Line and **1980** ft. **[W.]** of **E.** Line of **Sec. 31-25N-5W** Elevation **6795'**  
(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) **P. E. Cosper**  
Signed \_\_\_\_\_

Date **June 9, 1958** Title **District Superintendent**  
The summary on this page is for the condition of the well at above date.

Commenced drilling **May 3**, 19 **58** Finished drilling **May 18**, 19 **58**

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from **6030'** to **6050'** No. 4, from **6123'** to **6130'**  
No. 2, from **6065'** to **6080'** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from **6090'** to **6110'** No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from **None** 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—          |                   |
| <b>10-3/4"</b> | <b>32.75#</b>   | <b>8r</b>        | <b>H-40</b> | <b>316</b>   | <b>Cement Guide</b>                    |                     |              |              |                   |
| <b>5-1/2"</b>  | <b>25.5#</b>    | <b>8r</b>        | <b>J-55</b> | <b>6197'</b> |                                        |                     |              |              |                   |
| <b>5-1/2"</b>  | <b>17#</b>      | <b>8r</b>        | <b>J-55</b> | <b>18</b>    | <b>Cement guide &amp; float collar</b> |                     | <b>6030'</b> | <b>6130'</b> | <b>Production</b> |

MUDDING AND CEMENTING RECORD

| Size casing    | Where set    | Number sacks of cement | Method used        | Mud gravity                                                                                                                                                                            | Amount of mud used |
|----------------|--------------|------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| <b>10-3/4"</b> | <b>325'</b>  | <b>300 ex. reg.</b>    | <b>Halliburton</b> |                                                                                                                                                                                        |                    |
| <b>5-1/2"</b>  | <b>6182'</b> | <b>750 ex. reg.</b>    | <b>Halliburton</b> | <b>2-stage w/250 ex. around shoe &amp; 500 ex. thru 2-stage tool at 3690'. Temperature survey indicated top of cement behind 5 1/2" casing on 1st stage at 4850'; 2nd-stage 1826'.</b> |                    |

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 |
|---------------------------------------------------------------|------------|----------------|----------|------|-------------------|-------------------|
| <b>Well was sand-oil fraced</b>                               |            |                |          |      |                   |                   |
| <b>Fraced with 30,000# sand &amp; 41,706 gals. crude oil.</b> |            |                |          |      | <b>BDP 3500#.</b> |                   |
| <b>Max. TP 3800#, Min. TP 2850#, Inj. rate 28 BPM.</b>        |            |                |          |      |                   |                   |

TOOLS USED

Rotary tools were used from **0** feet to **6185** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

**June 5**, 19 **58** Put to producing **May 31**, 19 **58**

The production for the first **18** hours was **225** barrels of fluid of which **99.8%** was oil; **.2%** emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. **TP 300#** Gravity, °Bé. **41.2**

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

**Nichols Drilling Company**, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

| FROM—                           | TO—         | TOTAL FEET   | FORMATION                                             |
|---------------------------------|-------------|--------------|-------------------------------------------------------|
| <b>0</b>                        | <b>2660</b> | <b>2660</b>  | <b>Sand &amp; Shale</b>                               |
| <b>2660</b>                     | <b>2757</b> | <b>97</b>    | <b>Sand &amp; Shale - Top Pictured Cliffs 2660'</b>   |
| <b>2757</b>                     | <b>3506</b> | <b>749</b>   | <b>Sand &amp; Shale - Top Lewis 2757'</b>             |
| <b>3506</b>                     | <b>4224</b> | <b>718</b>   | <b>Sand &amp; Shale - Top Chica 3506'</b>             |
| <b>4224</b>                     | <b>4275</b> | <b>51</b>    | <b>Sand &amp; Shale - Top Cliff House 4224'</b>       |
| <b>4275</b>                     | <b>4880</b> | <b>605</b>   | <b>Sand &amp; Shale - Top Menefee 4275'</b>           |
| <b>4880</b>                     | <b>5074</b> | <b>194</b>   | <b>Sand &amp; Shale - Top Point Lookout 4880'</b>     |
| <b>5074</b>                     | <b>5984</b> | <b>910</b>   | <b>Sand &amp; Shale - Top Mancos 5074'</b>            |
| <b>5984</b>                     | <b>6185</b> | <b>201</b>   | <b>Sand &amp; Shale - Top Gallup 5984'</b>            |
|                                 |             |              | <b>Tops by Schlumberger Electrical Induction Log.</b> |
| <b>TOTAL DEPTH</b>              |             | <b>6185'</b> |                                                       |
| <b>PLUGGED BACK TOTAL DEPTH</b> |             | <b>6160'</b> |                                                       |

