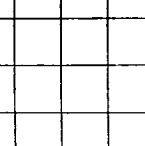


U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 3F 080539  
LEASE OR PERMIT TO PROSPECT W. F. Hurt

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



A 10x10 grid with a dot at the 3rd column and 3rd row, labeled #2.

# LOG OF OIL OR GAS WELL

Company Skelly Oil Company Address Box 426 Farmington, New Mexico  
 Lessor or Tract W. F. Hurt Field Undesignated State New Mexico  
 Well No. 2 Sec. 14 T. 25N R. 3W Meridian N.M.P.M. County Rio Arriba  
 Location 1650 ft. N. of S. Line and 990 ft. E. of W. Line of Sec. 14-25N-3W Elevation 7343'  
 (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.

Date September 25, 1958 Title District Foreman

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

Commenced drilling May 9, 1958 Finished drilling May 28, 1958

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

No. 1, from G - 3800 to 3808 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 none to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

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

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

[illegible]

### MUDDING AND CEMENTING RECORD

| Size casing                                                               | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---------------------------------------------------------------------------|-----------|------------------------|-------------|-------------|--------------------|
| 10-3/4"                                                                   | 162'      | 150                    | Halliburton |             |                    |
| 5 1/2"                                                                    | 3861'     | 100                    | Halliburton |             |                    |
| Temperature survey indicated top of cement behind 5 1/2" casing at 3375'. |           |                        |             |             |                    |

## 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 |
|---------------------|------------------------------------|--------------------------|----------|------|------------|-------------------|
| Fraced with 20,000# | 20-40 sand and 20,000 gals. water. | BDP 800#, Max. TP 1600#, |          |      |            |                   |
| Min. TP 1400#, Inj. | rate 51.4 BPM.                     |                          |          |      |            |                   |

## TOOLS USED

Rotary tools were used from 0 feet to 3863 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## DATES

-----~~September 25, 1958~~-----, 19----- Put to producing ~~Shut-in for pipeline connection - May 28, 1958~~, 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 ----- 1950 ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----TP-1000#, CP 1020#

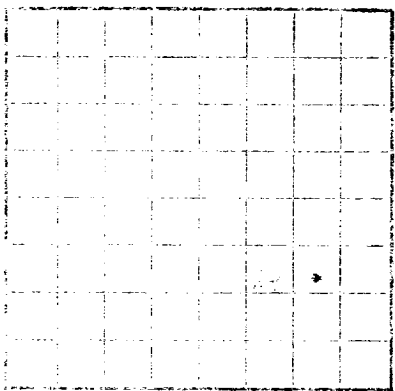
## EMPLOYEES

~~Banner Drilling Company~~....., Driller ..... , Driller  
....., Driller ..... , Driller

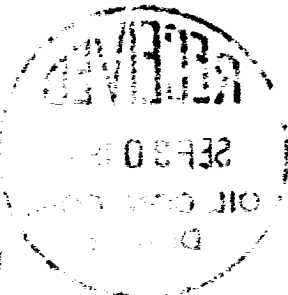
## FORMATION RECORD

| FROM--                                        | TO-- | TOTAL FEET   | FORMATION                                            |
|-----------------------------------------------|------|--------------|------------------------------------------------------|
| 0                                             | 3627 | 3627         | Sand and Shale                                       |
| 3627                                          | 3768 | 141          | Sand and Shale - Top Kirtland 3627'                  |
| 3768                                          | 3788 | 20           | Sand and Shale - Top Fruitland <sup>3768</sup> 3788' |
| 3788                                          | 3813 | 35           | Sand and Shale - Top Pictured Cliffs 3788'           |
| 3813                                          | 3863 | 50           | Sand and Shale - Top Lewis 3813'                     |
| Tops by Schlumberger Induction-Electrical Log |      |              |                                                      |
| <u>TOTAL DEPTH</u>                            |      | <u>3863'</u> |                                                      |
| <u>PLUGGED BACK TOTAL DEPTH</u>               |      | <u>3838'</u> |                                                      |

**Tops by Schlumberger Induction-Electrical Log**



LOCATE WELL CORRECTLY



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company, \_\_\_\_\_  
Lessor or Owner, \_\_\_\_\_  
Well No. \_\_\_\_\_  
Location, \_\_\_\_\_  
The information given here is a complete and correct record of the well and all work done thereon  
as far as can be determined from all available records.

Date, \_\_\_\_\_  
The summary on this page is for the condition of the well as shown on \_\_\_\_\_  
Commenced drilling \_\_\_\_\_  
Completed drilling \_\_\_\_\_

OIL OR GAS BANDS OR ZONES

(Give in feet)

No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 2 from \_\_\_\_\_ to \_\_\_\_\_  
No. 3 from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER BANDS

No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 2 from \_\_\_\_\_ to \_\_\_\_\_

WATER BANDS

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 fully, and if any casing was  
'sidetracked' or left in the well, give its size and location. If the well has been dynamited, give date, 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

U. S. GOVERNMENT PRINTING OFFICE  
16-43094-2

| FROM- | TO-  | TOTAL FEET | FORMATION |
|-------|------|------------|-----------|
|       |      |            |           |
| 0     | 10   | 10         | Gravel    |
| 10    | 20   | 20         | Gravel    |
| 20    | 30   | 30         | Gravel    |
| 30    | 40   | 40         | Gravel    |
| 40    | 50   | 50         | Gravel    |
| 50    | 60   | 60         | Gravel    |
| 60    | 70   | 70         | Gravel    |
| 70    | 80   | 80         | Gravel    |
| 80    | 90   | 90         | Gravel    |
| 90    | 100  | 100        | Gravel    |
| 100   | 110  | 110        | Gravel    |
| 110   | 120  | 120        | Gravel    |
| 120   | 130  | 130        | Gravel    |
| 130   | 140  | 140        | Gravel    |
| 140   | 150  | 150        | Gravel    |
| 150   | 160  | 160        | Gravel    |
| 160   | 170  | 170        | Gravel    |
| 170   | 180  | 180        | Gravel    |
| 180   | 190  | 190        | Gravel    |
| 190   | 200  | 200        | Gravel    |
| 200   | 210  | 210        | Gravel    |
| 210   | 220  | 220        | Gravel    |
| 220   | 230  | 230        | Gravel    |
| 230   | 240  | 240        | Gravel    |
| 240   | 250  | 250        | Gravel    |
| 250   | 260  | 260        | Gravel    |
| 260   | 270  | 270        | Gravel    |
| 270   | 280  | 280        | Gravel    |
| 280   | 290  | 290        | Gravel    |
| 290   | 300  | 300        | Gravel    |
| 300   | 310  | 310        | Gravel    |
| 310   | 320  | 320        | Gravel    |
| 320   | 330  | 330        | Gravel    |
| 330   | 340  | 340        | Gravel    |
| 340   | 350  | 350        | Gravel    |
| 350   | 360  | 360        | Gravel    |
| 360   | 370  | 370        | Gravel    |
| 370   | 380  | 380        | Gravel    |
| 380   | 390  | 390        | Gravel    |
| 390   | 400  | 400        | Gravel    |
| 400   | 410  | 410        | Gravel    |
| 410   | 420  | 420        | Gravel    |
| 420   | 430  | 430        | Gravel    |
| 430   | 440  | 440        | Gravel    |
| 440   | 450  | 450        | Gravel    |
| 450   | 460  | 460        | Gravel    |
| 460   | 470  | 470        | Gravel    |
| 470   | 480  | 480        | Gravel    |
| 480   | 490  | 490        | Gravel    |
| 490   | 500  | 500        | Gravel    |
| 500   | 510  | 510        | Gravel    |
| 510   | 520  | 520        | Gravel    |
| 520   | 530  | 530        | Gravel    |
| 530   | 540  | 540        | Gravel    |
| 540   | 550  | 550        | Gravel    |
| 550   | 560  | 560        | Gravel    |
| 560   | 570  | 570        | Gravel    |
| 570   | 580  | 580        | Gravel    |
| 580   | 590  | 590        | Gravel    |
| 590   | 600  | 600        | Gravel    |
| 600   | 610  | 610        | Gravel    |
| 610   | 620  | 620        | Gravel    |
| 620   | 630  | 630        | Gravel    |
| 630   | 640  | 640        | Gravel    |
| 640   | 650  | 650        | Gravel    |
| 650   | 660  | 660        | Gravel    |
| 660   | 670  | 670        | Gravel    |
| 670   | 680  | 680        | Gravel    |
| 680   | 690  | 690        | Gravel    |
| 690   | 700  | 700        | Gravel    |
| 700   | 710  | 710        | Gravel    |
| 710   | 720  | 720        | Gravel    |
| 720   | 730  | 730        | Gravel    |
| 730   | 740  | 740        | Gravel    |
| 740   | 750  | 750        | Gravel    |
| 750   | 760  | 760        | Gravel    |
| 760   | 770  | 770        | Gravel    |
| 770   | 780  | 780        | Gravel    |
| 780   | 790  | 790        | Gravel    |
| 790   | 800  | 800        | Gravel    |
| 800   | 810  | 810        | Gravel    |
| 810   | 820  | 820        | Gravel    |
| 820   | 830  | 830        | Gravel    |
| 830   | 840  | 840        | Gravel    |
| 840   | 850  | 850        | Gravel    |
| 850   | 860  | 860        | Gravel    |
| 860   | 870  | 870        | Gravel    |
| 870   | 880  | 880        | Gravel    |
| 880   | 890  | 890        | Gravel    |
| 890   | 900  | 900        | Gravel    |
| 900   | 910  | 910        | Gravel    |
| 910   | 920  | 920        | Gravel    |
| 920   | 930  | 930        | Gravel    |
| 930   | 940  | 940        | Gravel    |
| 940   | 950  | 950        | Gravel    |
| 950   | 960  | 960        | Gravel    |
| 960   | 970  | 970        | Gravel    |
| 970   | 980  | 980        | Gravel    |
| 980   | 990  | 990        | Gravel    |
| 990   | 1000 | 1000       | Gravel    |