

**APPROVED**

JUN 25 1956

JERRY W. LONG  
ACTING DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R359.4  
Approval expires 12-31-60.

Indian Agency Jicarilla  
Contract No. 125  
Allottee \_\_\_\_\_  
Co. Lease No. 196004

**SUNDRY NOTICES AND REPORTS ON WELLS**

|                                               |                                                      |                                     |
|-----------------------------------------------|------------------------------------------------------|-------------------------------------|
| NOTICE OF INTENTION TO DRILL                  | SUBSEQUENT REPORT OF WATER SHUT-OFF                  | <input checked="" type="checkbox"/> |
| NOTICE OF INTENTION TO CHANGE PLANS           | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING           |                                     |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF    | SUBSEQUENT REPORT OF ALTERING CASING                 |                                     |
| NOTICE OF INTENTION TO REDRILL OR REPAIR WELL | SUBSEQUENT REPORT OF REDRILLING OR REPAIR            |                                     |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE       | SUBSEQUENT REPORT OF ABANDONMENT                     |                                     |
| NOTICE OF INTENTION TO PULL OR ALTER CASING   | SUPPLEMENTARY WELL HISTORY                           |                                     |
| NOTICE OF INTENTION TO ABANDON WELL           | <u>Subsequent report of perforating and aquafree</u> | <input checked="" type="checkbox"/> |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**JICARILLA APACHE TRIBE  
OF INDIANS "I"**

Farmington, New Mexico June 8, 19 56

Well No. 3 is located 990 ft. from SW line and 990 ft. from W line of sec. 35  
SW 1/4 SW 1/4 Section 35 25N 4W  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Pictured Cliffs W/O Rio Arriba New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6971 ft.

**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

6/5/56: Set 3313', 66 Jts., 4-1/2" casing at 3321' w/175 lbs. 10% gel and 100 lbs. neat cement. PCB at 5:00 A.M., 6/6/56. Cement did not circulate.

6/6/56: Tested casing w/750# for 30 minutes - O.K.

6/7/56: Perforated 4 1/2" casing from 3261' to 3282' w/6 McCullough bullet shots per foot. HOCO aquafree treatment w/20,000 gals. water and 30,000# sand (1 1/2# per gal.) Flushed w/4200 gal. 20 pr. 3200# - broke to 1800#. Ave. inj. rate 40.6 bbls./min. at 1800#.

RECEIVED

JUN 10 1956

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil & Refining Company

Address Box 1268

Farmington, New Mexico

By COPY ORIGINAL R. M. LILLY  
Russell M. Lilly  
Title Dist. Supt.

1. The first part of the document is a list of the names of the persons who were present at the meeting.

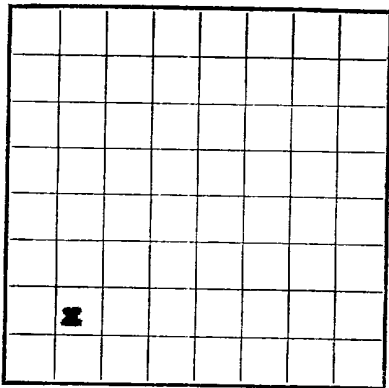
2. The second part of the document is a list of the names of the persons who were absent from the meeting.

3. The third part of the document is a list of the names of the persons who were present at the meeting and who were also present at the previous meeting.

4. The fourth part of the document is a list of the names of the persons who were present at the meeting and who were also present at the previous meeting.

10000

7900



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYU. S. LAND OFFICE **Hearville**  
SERIAL NUMBER **Contract # 125**  
Co. LEASE OR PERMIT **RECEIVED**  
JUN 21 1956  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

## LOG OF OIL OR GAS WELL

Company **Humble Oil & Refining Company** Address **Box 2180, Houston, Texas**  
Lessor or Tract **Hearville Ap. Tr. Ind. #1** Field No. **Blanca Pictured** State **New Mexico**  
Well No. **1** Sec. **35** T. **23N** R. **4W** Meridian **-** County **San Juan**  
Location **930 ft. N. on S. Line and 1000 ft. E. of N. Line of Section 35** Elevation **6971**  
(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 **Russell M. Lilly**Date **June 19, 1956** **Russell M. Lilly** District Supt.

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

Commenced drilling: **June 19, 1956** Finished drilling: **June 11, 1956**

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **8-5/8"** to **324'** No. 4, from **324'** to **325'**  
No. 2, from **324'** to **325'** No. 5, from **325'** to **326'**  
No. 3, from **325'** to **326'** No. 6, from **326'** to **327'**

## IMPORTANT WATER SANDS

No. 1, from **324'** to **325'** No. 3, from **325'** to **326'**  
No. 2, from **325'** to **326'** No. 4, from **326'** to **327'**

## CASING RECORD

| Size casing   | Weight per foot | Threads per foot | Make       | Length      | Depth set   | Perforated | Purpose           |
|---------------|-----------------|------------------|------------|-------------|-------------|------------|-------------------|
| <b>8-5/8"</b> | <b>24</b>       | <b>8</b>         | <b>API</b> | <b>148'</b> | <b>324'</b> | <b>Yes</b> | <b>Production</b> |
| <b>4-1/2"</b> | <b>11</b>       | <b>8</b>         | <b>API</b> | <b>148'</b> | <b>325'</b> | <b>Yes</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>8-5/8"</b> | <b>150'</b> | <b>125</b>             | <b>Pumped</b> | <b>9.6</b>  |                    |
| <b>4-1/2"</b> | <b>322'</b> | <b>275</b>             | <b>Pumped</b> | <b>9.3</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>None</b>    |          |      |            |                   |

## TOOLS USED

Rotary tools were used from **0** feet to **325** feet, and from **—** feet to **—** feet  
Cable tools were used from **—** feet to **—** feet, and from **—** feet to **—** feet

## DATES

**June 11, 1956** Put to producing **Shut in - no pipe line connections**, 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 **1,242,000** Gallons gasoline per 1,000 cu. ft. of gas **—**Rock pressure, lbs. per sq. in. **10127 S.I.P. (Surface)**

## EMPLOYEES

**C. B. Garvey**, Driller **H. B. Barker**, Driller  
**J. E. Cropper**, Driller **—**, Driller

## FORMATION RECORD

| FROM—       | TO—            | TOTAL FEET  | FORMATION                 |
|-------------|----------------|-------------|---------------------------|
| <b>0</b>    | <b>1634</b>    | <b>1634</b> | <b>Sand &amp; Shale</b>   |
| <b>1634</b> | <b>2257</b>    | <b>623</b>  | <b>Shale, Sand stks.</b>  |
| <b>2257</b> | <b>2579</b>    | <b>322</b>  | <b>Shale</b>              |
| <b>2579</b> | <b>2920</b>    | <b>341</b>  | <b>Sand &amp; shale</b>   |
| <b>2920</b> | <b>3070</b>    | <b>150</b>  | <b>Shale, sandy shale</b> |
| <b>3070</b> | <b>3208</b>    | <b>138</b>  | <b>Sand &amp; shale</b>   |
| <b>3208</b> | <b>3245</b>    | <b>37</b>   | <b>Sand, shale, coal</b>  |
| <b>3245</b> | <b>3264</b>    | <b>19</b>   | <b>Sand &amp; shale</b>   |
| <b>3264</b> | <b>3300</b>    | <b>36</b>   | <b>Shale</b>              |
| <b>3300</b> | <b>3325 TD</b> | <b>25</b>   | <b>Sand &amp; shale</b>   |

