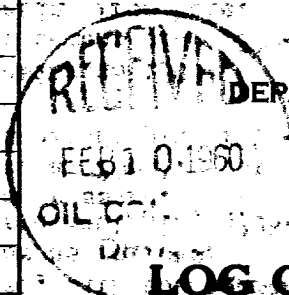
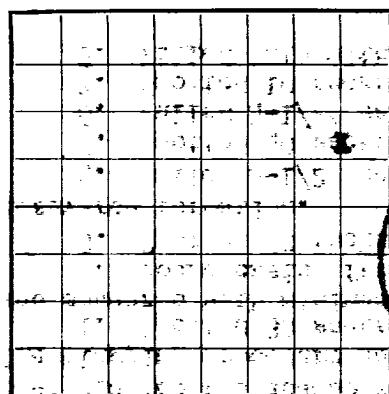
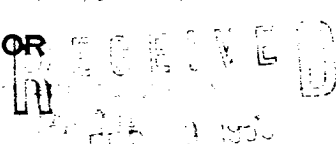


U. S. LAND OFFICE Navajo Tribal
SERIAL NUMBER 14-20-603-2485
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company AMERICAN PETROLEUM CO. Address 1000 West 10th Street, Fairington, New Mexico
Lessor or Tract Old Trading Post Field Callup State New Mexico
Well No. 2 Sec. 15 T. 16N R. 14W Meridian 10N 11W County San Juan
Location 1800 ft. of 1 Line and 660 ft. of 5 Line of Section 10 Elevation 6153 (M.S.)

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 _____

Date February 8, 1960 Title Area Engineer
The summary on this page is for the condition of the well at above date.

Commenced drilling November 6, 1959 Finished drilling November 23, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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— | |
| 4-1/2" | 9.5 | 8 RT | J-55 | 5135 | Guide | | | | Oil String |
| Cut off 4-1/2" casing at 2004 with jet cutter and pulled same. | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------------|-------------|--------------------|
| 8-5/8" | 216' | 160 sacks of cement | Halliburton Plug. | | |
| 4-1/2" | 5127' | 200 sacks of cement | BJ Service 2 Plug. | | |

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 5135 feet, and from _____ feet to _____ feet

DATES

As a result of not obtaining a commercial oil well, well was plugged and abandoned on January 21, 1960.
The production for the first 24 hours was 0 barrels of fluid of which 0% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 0

EMPLOYEES

_____, Driller _____, Driller
Cotton Clason, Driller J. K. Coleman, Driller
B. K. McClain

FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|-------------------|------|------------|-----------------------------------|
| 0 | 1282 | 1282 | Surface sands and shales |
| 1282 | 1400 | 118 | Pictured Cliffs sands and shales |
| 1400 | 2010 | 610 | Lewis shale |
| 2010 | 2150 | 140 | Cliffhouse sand |
| 2150 | 3930 | 1780 | Undifferentiated sands and shales |
| 3930 | 4715 | 785 | Mancos Shale |
| 4715 | 135 | 420 | Callup sands and shales |
| (Toos from B log) | | | |

FOLD MARK