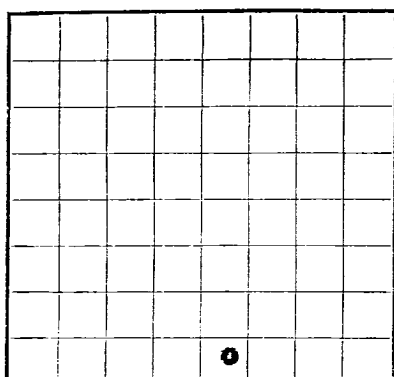


U. S. LAND OFFICE Santa FeSERIAL NUMBER NY-01772-4

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Astec Oil & Gas Company Address Box 736, Farmington, New Mexico
Lessor or Tract Reid Field Astec State New Mexico
Well No. 11 Sec. 3 T. 28 R. 9 Meridian N.M.P.M. County San Juan
Location 105 ft. N. of 5 Line and 100 ft. E. of 1 Line of Sec. 3 Elevation 5957
(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 Joe C. Salmon
Date November 26, 1956 Title District Superintendent

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

Commenced drilling October 22, 19 56 Finished drilling October 26, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2228 to 2277 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— | |
| <u>8 5/8"</u> | <u>21.6</u> | <u>5</u> | | <u>157'</u> | | | | | |
| <u>5 1/2"</u> | <u>15.5</u> | <u>8</u> | | <u>2310'</u> | <u>ROSCO</u> | | <u>2228</u> | <u>2277</u> | |
| <u>1 1/2"</u> | <u>1.74</u> | <u>30</u> | | <u>2364'</u> | | | | | |

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---------------|--------------|------------------------|----------------|-------------|--------------------|
| <u>8 5/8"</u> | <u>157'</u> | <u>125</u> | | | |
| <u>5 1/2"</u> | <u>2310'</u> | <u>12</u> | <u>Flowing</u> | | |
| <u>1 1/2"</u> | <u>2371'</u> | | | | |

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 |
|------------|------------|----------------|----------------|------------|------------|-------------------|
| <u>100</u> | <u>100</u> | <u>100</u> | <u>barrels</u> | <u>100</u> | <u>100</u> | <u>100</u> |

TOOLS USED

Rotary tools were used from 0 feet to 2310 feet, and from _____ feet to _____ feet

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

DATES

November 3, 19 56 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 A.C.F. 1131 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 736 lbs.

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|-------------|------------------|-------------|-----------------------------|
| <u>0</u> | <u>76</u> | <u>76</u> | <u>Sand</u> |
| <u>76</u> | <u>170</u> | <u>94</u> | <u>Sand and Shale</u> |
| <u>170</u> | <u>330</u> | <u>160</u> | <u>Shale</u> |
| <u>330</u> | <u>979</u> | <u>649</u> | <u>Sand and Shale</u> |
| <u>979</u> | <u>1687</u> | <u>708</u> | <u>Sand and Shale</u> |
| <u>1687</u> | <u>2172</u> | <u>1485</u> | <u>Sand and Shale</u> |
| <u>2172</u> | <u>2310 T.P.</u> | <u>138</u> | <u>Sand and Shale</u> |
| | | | <u>Schlumberger Tops:</u> |
| | | | <u>Pictured Cliffs 2228</u> |

[OVER]

16-43094-4