Form 9-330

8-USGS
1-WD
1-D
1-F

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Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE .....
SERIAL NUMBER SF-078896
LEASE OR PERMIT TO PROSPECT .....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

# LOG OF OIL OR GAS WELL

Company Southwest Production Co. Address 162 Petr. Center Bldg., Farmington, New Mexico

Lessor or Tract Mudge Federal Field Basin Dakota State New Mexico

Well No. 1 Sec. 30 T. 27N R. 11W Meridian NMPM County San Juan

Location 990 ft. {N. / ~~S.~~} of S Line and 990 ft. {E. / ~~W.~~} of W Line of Sec. 30 Elevation 6180 GL (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 Original signed by Carl W. Smith

Date 4/6/61 Title Production Supt.

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

Commenced drilling 2/25, 1961 Finished drilling 3/22, 1961

## OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from G 6336 to 6368 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 From— | Perforated To— | Purpose |
|---|---|---|---|---|---|---|---|---|---|
| 10 3/4 | 32.50# | | Lone Star | 308.66' | | | | | |
| 5½" | 15.50# | | CF&I | 207 jts. | | | | | |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---|---|---|---|---|---|
| 10 3/4 | 298KB | 210 sx HA-5 2% | Pump & Plug | | |
| 5½" | 6490KB | 225 sx 50/50 pozmix 4% gel & 50/50 pozmix 4% gel. DV tool @ 1953' | | 100 sx latex - 2nd stage w/150 sx | |

2" EUE tbg. @ 6358' Landed 3/22/61

## 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 -0- feet to 6491' feet, and from ..... feet to ..... feet

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

## DATES

Tested 3/31, 1961 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 4,633 MCF Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. 5,652 AOF - SICP 2049#

## EMPLOYEES

Ira Armstrong, Driller Man Drilling Company Freddie R. Gee, Driller

C. B. Cagle, Driller ....., Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| | | | Electric Log Tops: |
| | | | Pictured Cliffs 1711 |
| | | | Cliff House 2625 |
| | | | Menefee 3330 |
| | | | Point Lookout 4270 |
| | | | Mancos 4495 |
| | | | Gallup 5295 |
| | | | Greenhorn 6170 |
| | | | Graneros 6230 |
| | | | Dakota 6334 |
| | | | Total Depth 6491' |
| | | | Plugged Back 6439' |

[OVER]

16—48094-4

FOLD | MARK

## FORMATION RECORD—Continued

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| | | | |

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## HISTORY OF OIL OR GAS WELL

**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, size, 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.**