Form 9-330

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

U. S. LAND OFFICE [illegible]

SERIAL NUMBER N.M. 090[illegible]

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

# LOG OF OIL OR GAS WELL

Company [illegible] Chemical Company Address Box [illegible], Snyder, Texas

Lessor or Tract [illegible] Field Undesignated State New Mexico

Well No. 1 Sec. 34 T. [illegible] N R. 10 W Meridian [illegible] County San Juan

Location [illegible] ft. {N./S.} of S Line and [illegible] ft. {E./W.} of E Line of Sec. 34 Elevation 6787 G.L.
(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 [signature]

Date 9-23-57 Title E. H. Mahlbach, Dist. Supt.

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

Commenced drilling 7-17, 1957 Finished drilling 7-31, 1957

RECEIVED
OCT 9 1957
OIL CON. COM.
DIST. 3

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

No. 1, from 5352 to 5370 and No. 4, from

[illegible] from 5388 to [illegible] No. 5, from

No. 3, from to No. 6, from to

## IMPORTANT WATER SANDS

No. 1, from to No. 3, from

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 |
|---|---|---|---|---|---|---|---|---|---|
| 8-5/8" | 32 | 8rd | | 212.74 | Float | | | | Surface |
| 5-1/2" | [illegible] | [illegible] | | [illegible] | [illegible] | | 5352 | 5370 | [illegible] |
| | | | | | | | 5388 | 5405 | |

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---|---|---|---|---|---|
| 8-5/8" | 226.[illegible] | 150 | Displaced & Plug | | Cement circulated |
| 5-1/2" | 5447 | 150 | " " | | |

## 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 [illegible] feet, and from feet to feet

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

## DATES

9-23, 1957 Put to producing 9-19, 1957

The production for the first 24 hours was 383 barrels of fluid of which 99.8 % was oil; % emulsion; % water; and .2 % sediment. Gravity, °Bé. 41.4 @ 60°

If gas well, cu. ft. per 24 hours - Gallons gasoline per 1,000 cu. ft. of gas -

Rock pressure, lbs. per sq. in. unknown

## EMPLOYEES

Geo. W. Riley, Driller J. A. Craig, Driller

C. W. Mullins, Driller R. V. Harlan, Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| 0 | 230 | 230 | Sand & Shale |
| 230 | 400 | 170 | Sd. w/occ. thin sh. beds |
| 400 | 830 | 430 | Sh. w/occ. Siltstone stringers |
| 830 | 1000 | 170 | Sd. w/occ. v. thin shale beds |
| 1000 | 1090 | 90 | Shale |
| 1090 | 1120 | 30 | Sand |
| 1120 | 1670 | 550 | Shale |
| 1670 | 1690 | 20 | Coal |
| 1690 | 1810 | 120 | Sand |
| 1810 | 2100 | 290 | Shale |
| 2100 | 2290 | 190 | Silty Sd. w/abund. shale beds |
| 2290 | 2500 | 210 | Sh. w/numerous silt stringers |
| 2500 | 2890 | 390 | Sd. w/numerous thin shale beds |
| 2890 | 2930 | 40 | Shale |
| 2930 | 3110 | 180 | Sd. w/numerous shale streaks |
| 3110 | 3170 | 60 | Shale, sli. silty |
| 3170 | 3290 | 120 | Sd. w/occ. shale beds |
| 3290 | 3400 | 110 | Shale |
| 3400 | 3430 | 30 | [illegible] |
| 3430 | 3500 | 70 | [illegible] |
| 3500 | 3800 | 300 | Sd. w/occ. shale beds 5-10' thick |
| 3800 | 3850 | 50 | [illegible] |
| 3850 | 3900 | 50 | [illegible] |
| 3900 | 3940 | 40 | [illegible] |
| 3940 | 4180 | 240 | Sh. w/numerous thin sandstone beds |

[OVER] 16—43094-4

# UNITED STATES
## DEPARTMENT OF THE INTERIOR
### GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

# LOG OF OIL OR GAS WELL

Company Jones & ... Address ... Box 1102, Midland, Texas

Lessor or Tract Blanche Field ... State New Mexico

Well No. 1 Sec. 34 T. 25 N R. 10 W Meridian ... County San Juan

Location 990 ft. S of ... Line and 1270 ft. W of ... Line of Sec. 34 Elevation 5787 G.L.

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 [illegible]

Date 2 - 23 - 57 Title ... Ahlbach, ...

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

Commenced drilling 2 - 17, 1957 Finished drilling ... 2 - ...

## OIL OR GAS SANDS OR ZONES

No. 1, from 5352 to 5370 No. 4, from ... to ...

No. 2, from 5538 to 5405 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 |
|---|---|---|---|---|---|---|---|---|---|
| ... | 32 | ... | 3rd | 21.74 | Float | | | | Surface |

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.

# HISTORY OF OIL OR GAS WELL

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

## MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|---|---|---|---|---|---|
| ... | 125... | 150 | Displacement | | Cement ... |
| ... | 5444 | 150 | " | | |

## 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 |
|---|---|---|---|---|---|---|
| | | | | | | |

Formation Tops

Pictured Cliffs 1694

Point Lookout 4783

Mancos 4315

Lower Gallup 5357

## TOOLS USED

Rotary tools were used from 0 feet to 5550 feet, and from ... feet to ... feet

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

## DATES

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 ... Gallons gasoline per 1,000 cu. ft. of gas ...

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

Inclination Survey

| Depth | Degrees |
|---|---|
| 940 | 1/4 |
| 2330 | 1/2 |
| 3350 | 1/2 |
| 3675 | 3/4 |
| 4080 | 3/4 |
| 4400 | 1/2 |
| 4800 | 1/2 |
| 5350 | 3/4 |

## EMPLOYEES

... Ley, Driller ... Driller

T. ... , Driller M. V. ..., Driller

## FORMATION RECORD

| FROM— | TO— | TOTAL FEET | FORMATION |
|---|---|---|---|
| 0 | 230 | 230 | Sand shale |
| 230 | 400 | 170 | Sd. w/occ. thin sh. beds |
| 400 | 830 | 430 | Sh. w/occ. Siltstone stringers |
| 830 | 1000 | 170 | Sd. w/occ. v. thin shale beds |
| 1000 | 1090 | 90 | Shale |
| 1090 | 1120 | 30 | Sand |
| 1120 | 1670 | 550 | Shale |
| 1670 | 1690 | 20 | Coal |
| 1690 | 1810 | 120 | Sand |
| 1810 | [illegible] | [illegible] | Shale |
| [illegible] | [illegible] | [illegible] | [illegible] |
| 2290 | 2500 | 210 | Sh. w/numerous silt stringers |
| [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | 2930 | [illegible] | Shale |
| 2930 | 3110 | 180 | Sd. w/numerous shale streaks |
| 3110 | 3170 | 60 | Shale, sl. silty |
| 3170 | 3290 | 120 | Sd. w/occ. shale beds |
| 3290 | 3400 | 110 | Shale |
| 3400 | 3430 | 30 | Sand |
| [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | 300 | Sd. w/occ. shale beds ... thick |
| [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | 4180 | 240 | Sh. w/numerous thin sandstone beds |

FORMATION RECORD—Continued