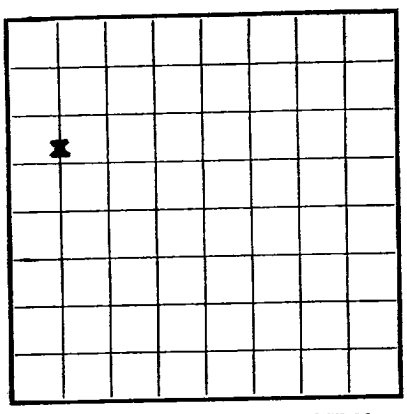
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE LC-064427

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Humble Oil & Refining Company Address P. O. Box 2347, Hobbs, New Mexico

Lessor or Tract Railroad Mountain Unit Field Wildcat State New Mexico

Well No. 2 Sec. 8 T. 8-S R. 31-E Meridian - County Chaves

Location 1980 ft. {N./S.} of N Line and 660 ft. {E./W.} of W Line of Section 8 Elevation 4215 (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

Date Jan 23 58 Title Agent

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

Commenced drilling 12-6, 19 57 Finished drilling 12-16, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1867 to 1970 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
8-5/8	24	8R	Lone Star	293.69	Larkin	-	-	-	Surface
5-1/2	14	8R	Lone Star	1978.50	Baker	1965	-	-	Oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	308	200	HJ	-	-
5-1/2	1965	150	HJ	-	-

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 1965 feet, and from - feet to - feet

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

DATES

-----, 19---- Put to producing dry hole, 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. -

EMPLOYEES

M. F. Young, Driller D. E. Fennell, Driller

Leon Plato, Driller -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1222	1222	Red Bed
1222	1270	48	Anhydrite
1270	1781	511	Salt & Shale
1781	1950	169	Shale, Anhydrite, Salt & Sandstone
1950	1965	35	Anhydrite & Salt

Geologic tops from Elec Logs.

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

Drilled to a total depth of 1985'.

Perforated 5½" casing at 1864 with Western 21 gun, 6 shots. Attempted to frac but formation failed to breakdown w/4400# pressure. Perforated 5½" casing from 1863 to 1865 w/6 Western jet gun shots per foot. Acidized perforations from 1865 to 1863 w/250 gallons mud acid, injection rate 3 bbls/min. Initial pressure 3300#, final pressure 1900#. Fraced perforations from 1863 to 1865 w/3,000 gallons refined oil and 4,500# sand. Avg injection rate 19.7 BPM, avg inj pressure 2800#. Breakdown pressure 1900#. Shut well in overnight.

Opened well on 3/8" choke, flowed 3 hours and died, recovered 76 bbls. load oil, swabbed well 5 hours, recovered 26 bbls. load oil, shut well in overnight.

Swabbed well 8 hours, recovered 98 bbls. load oil, swabbed dry. Swabbed well for four more days and recovered 2 bbls. load oil. 123 bbls. load oil not recovered.

Cut 5½" casing and 640'. Set cement plug #1 from 740' to 540' with 80 sacks regular cement, plug #2 from 250 to 360' with 40 sacks regular cement, plug #3 from 10' to 0' with 5 sacks regular cement.

Well plugged and abandoned 12-27-57.

LOG OF OIL OR GAS WELL

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GEOLOGICAL SURVEY