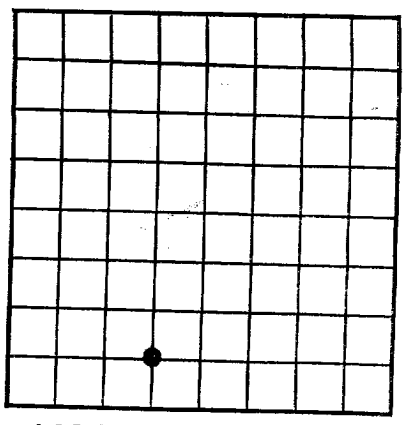
Form 9-330



LOCATE WELL CORRECTLY

U. S. Land Office Las Cruces
Serial Number 032104
Lease or Permit to Prospect

RECEIVED
SEP 27 1945
HOBBS OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Texas Company Address Box 1720, Fort Worth 1, Texas

Lessor or Tract A. H. Blinebry Field Drinkard-Yeso State New Mexico

Well No. 2 Sec. 29 T. 22-S R. 38-E Meridian NMPM County Lea

Location 660 ft. [N.] of South Line and 1980 ft. [E.] of East Line of Sec. 29 Elevation 3407' (DF)
(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 Otto Coleman

Date September 25, 1945 Title Drlg. & Prod. Foreman

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

Commenced drilling March 22, 1945 Finished drilling July 3, 1945

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6745 to 6785' G. No. 4, from -- to --

No. 2, from 6990 to 7112' 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
13-3/8"	54.40#	8	Rd	Smls	278	Larkin	--	--	--
9-5/8"	32.30# 36#	8	Rd	Smls	2541	Baker	--	--	--
7"	23#	8	Rd	Smls	6944	Larkin	--	6745	6785

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	290	300	Halliburton	--	--
9-5/8"	2526	1650	Halliburton	--	--
7"	6881	600	Halliburton	--	--

PLUGS AND ADAPTERS

Heaving plug—Material -- Length -- Depth set --

Adapters—Material -- Size --

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date 1945	Depth Acid	Depth cleaned out
	Chemical	Process Acid	2000	7-19	6950-7368	--
	Chemical	Process Acid	10000	7-21	6881-7368	--
	Chemical	Process Acid	14000	7-25	6881-7368	--
	Western Co.	Acid	1500	8-6	6745-6785	--

TOOLS USED

Rotary tools were used from 0 feet to 7368 feet, and from -- feet to -- feet

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

DATES

September 25, 1945 Put to producing September 13, 1945

The production for the first 24 hours was 63 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment.

If gas well, cu. ft. per 24 hours -- Gravity, °Bé 36.7

Rock pressure, lbs. per sq. in. -- Gallons gasoline per 1,000 cu. ft. of gas ---

GOR 3485

EMPLOYEES

W. W. Dubose, Driller E. D. Cantrell, Driller

Roy Fairchild, Driller S. B. Young, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	165	165	Caliche
165	343	178	Red Beds
343	524	181	Red Rock & Sand
524	715	191	Red Rock & Shells
715	935	220	Red Rock, Shale & Sand
935	1170	235	Red Rock & Sand
1170	1296	126	Red Rock
1296	1327	31	Red Rock & Blue Shale
1327	2530	1203	Anhydrite
2530	2600	70	Anhydrite & Salt
2600	3177	577	Anhydrite & Broken Anhydrite
3177	3460	283	Anhydrite, Sand & Gyp
3460	3879	419	Anhydrite & Lime
3879	5160	1281	Lime
5160	5205	45	Lime & Sand
5205	6990	1785	Dolomite & Lime
6990	7112	122	Porous Dolomite
7112	7368	256	Dolomite & Lime
		7368	Total depth

FROM— TO— TOTAL FEET FORMATION

(OVER)

FORMATION RECORD—Continued

6—6745

FOLD MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

DEVIATION TESTS

500' - 1/4°	3300' - 3/4°
1500' - 1°	4050' - 1/8°
2000' - 3/4°	4500' - 0°
2750' - 1/4°	5000' - 1°
3000' - 1-1/4°	5650' - 1/4°
	6000' - 1/2°

Cored: 7004' - 7205' taking a total of 11 cores.

DST #1--6350-6494'.--Tool open 1 hour and 45 min. Recovered 1500' gas-cut drlg. mud.

DST #2--6979-7040--Tool open 1 hour. Recovered 90' oil-and gas-cut drlg. mud.

DST #3--6902-7368'.-Tool open 1 hour and 30 min. Recovered 360' oil- and gas-cut mud.

All depths measured from Rotary or 10' above ground.

U. S. GOVERNMENT PRINTING OFFICE 6—6745

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.

This well was drilled to total depth of 7368', coring the section from 7004' to 7205' and running three drill stem tests as set out above before setting and cementing the 7" production casing at 6881'. After the casing was set and cemented and the plug drilled, tubing was run and the well swabbed down to 6000', showing only a trace of oil and very little gas. The section from 6950' to 7368' was acidized with 2000 gallons on 7-19-45 and after swabbing the oil load, well swabbed at the rate of approximately 2-1/2 barrels oil per hour. After re-acidizing through the casing on 7-21-45 with 10,000 gallons and on 7-25-45 with 14,000 gallons from 6881' to 7368', the well produced 49 barrels oil in 18 hours swabbing but would not flow. The 7" casing was then perforated from 6745' to 6785' and a packer set in the casing at 6825' to test this upper zone. The well swabbed dry and showed some gas with very little fluid, and the section from 6745' to 6785' was acidized on 8-8-45 with 1500 gallons acid, after which a production test indicated approximately 1300 MCF. Tubing was then run with a packer set at 6825' with perforations below and an Otis side-door choke at 6822' with a 1/16" orifice in the mandrel, after which the well flowed 68 barrels oil in 20 hours, with a gas-oil ratio of approximately 8270'. This 1/16" orifice was removed and replaced with a 1/32" orifice and on 8-20-45, the well flowed 47 barrels of pipe line oil in 24 hours, with a gas-oil ratio of approximately 5,000. Before completing the well, this 1/32" orifice was replaced with a 1/64" orifice, after which the well produced 63 barrels of oil in 24 hours, flowing, with a gas-oil ratio of 3485' on 9-13-45.