

Form 9-330

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **063441**
LEASE OR PERMIT TO PROSPECT

UNITED STATES 9 50
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **John M. Beard** Address **1300 North Broadway, Okla. City**
Lessor or Tract **Young - Federal** Field **Young** State **New Mexico**
Well No. **1** Sec. **20** T18S R32E Meridian **NM** County **Lea**
Location **1980** ft. **N.** of **S.** Line and **1980** ft. **E.** of **E.** Line of **Section 20** Elevation **3750** 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 **J. H. Hartman**

Date **4-26-57** Title **Geologist**

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

Commenced drilling **Feb. 2**, 19**57** Finished drilling **April 20**, 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3784** to **3793** No. 4, from to
No. 2, from **4014** to **4044** 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—	
8 5/8"	28#	8	L.W.	1019					
5 1/2"	14#	8	J-55	4066	H.O.W.C. Co.	4014	4014	4014	Oil Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 5/8"	1019	75 Posmix	Circulate		
5 1/2"	4066	150 Posmix	"		

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
Dyna Jet	Jet perf.	4/ft.		4/20/57	4014-44	Cleaned out to 4066'
Fractured	15,000#	Sand		4/20/57	4014-44	

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 4068 feet, and from feet to feet

DATES

4/24/57 Put to producing, 1957

The production for the first 24 hours was 480 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, °Bé. 36

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

Rock pressure, lbs. per sq. in. 1700

EMPLOYEES

W. E. Runion, Driller D. W. Woolf, Driller
D. O. Wilson, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	260	260	Red Bed
260	280	20	Sand & Water
280	308	28	Shale & Jip
308	400	92	Red Shale
400	435	35	Sand & Water
435	444	9	Red Shale
444	497	53	Brown Sand
497	500	3	Red Shale
500	515	15	Sand & Water
515	585	70	Red Bed
585	670	85	Red Shale
670	775	105	Red Sandy Shale
775	916	140	Red Bed
916	1002	86	Red Shale Sandy
1002	1070	68	Anhydrite
1070	1075	5	Gray Shale
1075	1090	15	Broken lime
1090	1135	45	Anhydrite
1135	1170	35	Salt
1170	1175	5	Lime
1175	1190	15	Anhydrite
1190	1275	85	Red Bed & Salt
1275	1285	10	Anhydrite
1285	1310	25	Salt
1310	1370	60	Salt & Red Rock

LEON—

LC—

4 1/2" (OVER)

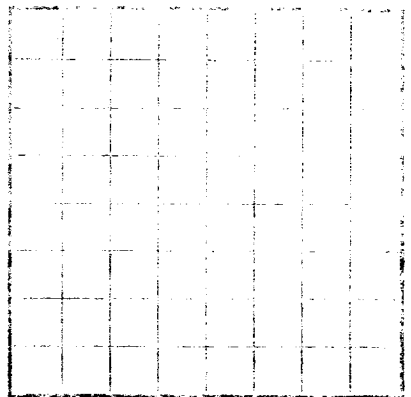
(OVER)

GEORGE

16-42094-4

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

Operator _____
Inspector _____
Well No. _____
Section _____
Twp. _____
Range _____
The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.
Signed _____

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

FROM—		TO—		TOTAL FEET	FORMATION
1370	1455	1455	1525	85	Salt & Red rock
1455	1525	1525	1585	70	Salt, shale
1525	1585	1585	1605	20	Salt
1605	1655	1655	1805	220	Salt
1805	2145	2145	2280	340	Salt
2280	2280	2280	2280	0	Salt and Anhydrite
2280	2285	2285	2385	105	Salt & Potash
2385	2385	2385	2385	0	Salt
2385	2525	2525	2525	140	Anhydrite
2525	2540	2540	2540	15	Lime
2540	2685	2685	2685	145	Anhydrite
2685	2685	2685	2685	0	Shale Gray
2685	3105	3105	3105	420	Anhydrite
3105	3215	3215	3215	110	Lime
3215	3265	3265	3265	50	Anhydrite
3265	3265	3265	3265	0	Lime
3265	3285	3285	3285	20	Anhydrite
3285	3375	3375	3375	90	Lime
3375	3405	3405	3405	30	White Shale
3405	3527	3527	3527	122	Shale
3527	3632	3632	3632	105	Lime
3632	3656	3656	3656	24	Anhydrite
3656	3750	3750	3750	94	Lime
3750	3764	3764	3764	14	Sand
3764	3770	3770	3770	6	Anhydrite
3770	3818	3818	3818	48	Red Sand
3818	3820	3820	3820	2	Sand
3820	4004	4004	4004	184	Lime
4004	4019	4019	4019	15	Sand & Lime
4019	4025	4025	4025	6	Oil show
4025	4057	4057	4057	32	Red Shale
4057	4070	4070	4070	13	Red Shale

FORMATION RECORD—Continued