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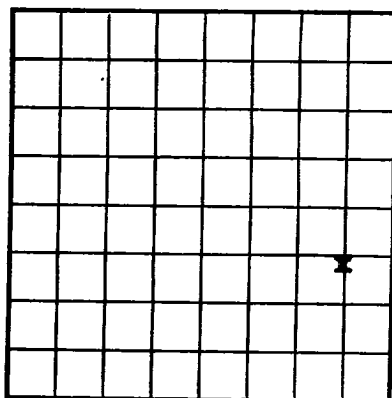
Bud. Form No. 42-R385.
Approval expires 11-30-46.

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 029388 (d)

LEASE OR PERMIT TO PROSPECT

Form 9-330



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
SEP 24 1957
AMERICA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company THE OHIO OIL COMPANY Address P. O. Box 2107, Hobbs, New Mexico
Lessor or Tract Federal Johnson "A" Field North Shugart State New Mexico
Well No. 4 Sec. 10 T. 18S R. 31E Meridian NMPM County Eddy
Location 1980 ft. {N.} of S Line and 660 ft. {W.} of E Line of Sec. 10 Elevation 3378' 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 ORIGINAL
SIGNED BY: B. G. HOWARD

Date 9/16/57 Title Asst. Supt.

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

Commenced drilling 8/15/57, 19... Finished drilling 9/3/57, 19...

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ... to ... 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		Purpose
							From—	To—	
9-5/8	32.3	8	8000	7000	7000	7000			
5-1/2	22.3	8	8000	1000	1000	1000			

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	802'	525 sz - 3/4 g	2 plug		
5-1/2	4174'	400 sz - 3/4	2 plug		

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

DATES

... 9/16/57 ... Put to producing ... Sept. 13, 1957 ...
The production for the first 24 hours was 47.55 barrels of fluid of which 100% was oil; ... %
emulsion; ... % water; and ... % sediment. Gravity, °Bé. 36.2° API @ 60° F.
If gas well, cu. ft. per 24 hours ... Gallons gasoline per 1,000 cu. ft. of gas ...
Rock pressure, lbs. per sq. in. ...

EMPLOYEES

..., Driller Howard P. Holmes Drlg. Co., Contractor ..., Driller
..., Driller ..., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	338	338	Red Beds
338	805	467	Red Bed-Shells
805	874	69	Anhy.
874	2233	1359	Anhy-Salt
2233	3370	1137	Anhy-Gyp-Sand
3370	3637	267	Anhy-Dolo-Sand
3637	4119	482	Dolo-Lime
4119	4175' TD	56	Sd.-Dolo
TOPS BY HALLIBURTON M/G-R MEAS.			
	TD 4175'		Top Anhy 746'
	PSTD 4171'		Top Salt 876'
			Base Salt 1930'
			Top Yates 2147'
			Top 7 Rivers 2622'
			Top Queen 3323'
			Top Penrose 3555'
			Top Grayburg 3726'

FOLD MARK

Copy sent to 87.

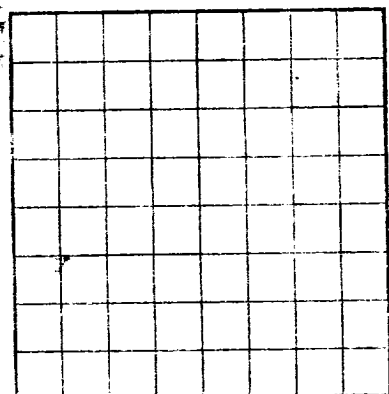
PLEASE PRINT OR TYPE IN BLOCK CAPITALS

SERIAL NUMBER 020388 (A)

U.S. LAND OFFICE

Pat. Office

nominal	1	1	1
trained	1	1	1
police	1	1	1
about	1	1	1
idea	1	1	1



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE IN
UNITED STATES

UNITED STATES

Company _____
 Lessor or Trust Estate _____
 Well No. _____ See T & R Meridian _____
 Location of _____ of _____ and _____ ft. $\left\{ \begin{array}{l} \text{N. } 1/2 \\ \text{E. } 1/4 \end{array} \right.$ of _____
 Elevation _____
 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 BY S. C. HOWARD
 Signed _____
 Date _____
 Finished drilling _____ 19____
 The summary on this page is for the condition of the well at above date.
 Date _____

OIL OR GAS STDS OR ZONES

(5) will grow slowly.

IMPORTANT WATER SANDS

CASTING RECORD

Name of well	Location	Direction of flow	Depth	Kind of water	Use and other notes	Estimated		Purpose
						Flow	Time	
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of recharging, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, date, and casing, and the reasons for the work and its results. 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

U. S. GOVERNMENT PRINTING OFFICE 16-43094-1

FROM	TO	TOTAL FEET	FORMATION
1000	1050	50	Gravelly sand
1050	1100	50	Gravelly sand
1100	1150	50	Gravelly sand
1150	1200	50	Gravelly sand
1200	1250	50	Gravelly sand
1250	1300	50	Gravelly sand
1300	1350	50	Gravelly sand
1350	1400	50	Gravelly sand
1400	1450	50	Gravelly sand
1450	1500	50	Gravelly sand
1500	1550	50	Gravelly sand
1550	1600	50	Gravelly sand
1600	1650	50	Gravelly sand
1650	1700	50	Gravelly sand
1700	1750	50	Gravelly sand
1750	1800	50	Gravelly sand
1800	1850	50	Gravelly sand
1850	1900	50	Gravelly sand
1900	1950	50	Gravelly sand
1950	2000	50	Gravelly sand
2000	2050	50	Gravelly sand
2050	2100	50	Gravelly sand
2100	2150	50	Gravelly sand
2150	2200	50	Gravelly sand
2200	2250	50	Gravelly sand
2250	2300	50	Gravelly sand
2300	2350	50	Gravelly sand
2350	2400	50	Gravelly sand
2400	2450	50	Gravelly sand
2450	2500	50	Gravelly sand
2500	2550	50	Gravelly sand
2550	2600	50	Gravelly sand
2600	2650	50	Gravelly sand
2650	2700	50	Gravelly sand
2700	2750	50	Gravelly sand
2750	2800	50	Gravelly sand
2800	2850	50	Gravelly sand
2850	2900	50	Gravelly sand
2900	2950	50	Gravelly sand
2950	3000	50	Gravelly sand
3000	3050	50	Gravelly sand
3050	3100	50	Gravelly sand
3100	3150	50	Gravelly sand
3150	3200	50	Gravelly sand
3200	3250	50	Gravelly sand
3250	3300	50	Gravelly sand
3300	3350	50	Gravelly sand
3350	3400	50	Gravelly sand
3400	3450	50	Gravelly sand
3450	3500	50	Gravelly sand
3500	3550	50	Gravelly sand
3550	3600	50	Gravelly sand
3600	3650	50	Gravelly sand
3650	3700	50	Gravelly sand
3700	3750	50	Gravelly sand
3750	3800	50	Gravelly sand
3800	3850	50	Gravelly sand
3850	3900	50	Gravelly sand
3900	3950	50	Gravelly sand
3950	4000	50	Gravelly sand
4000	4050	50	Gravelly sand
4050	4100	50	Gravelly sand
4100	4150	50	Gravelly sand
4150	4200	50	Gravelly sand
4200	4250	50	Gravelly sand
4250	4300	50	Gravelly sand
4300	4350	50	Gravelly sand
4350	4400	50	Gravelly sand
4400	4450	50	Gravelly sand
4450	4500	50	Gravelly sand
4500	4550	50	Gravelly sand
4550	4600	50	Gravelly sand
4600	4650	50	Gravelly sand
4650	4700	50	Gravelly sand
4700	4750	50	Gravelly sand
4750	4800	50	Gravelly sand
4800	4850	50	Gravelly sand
4850	4900	50	Gravelly sand
4900	4950	50	Gravelly sand
4950	5000	50	Gravelly sand

QJOT | WJAM

FORMATION RECORD—Continued

7

1-4004-8