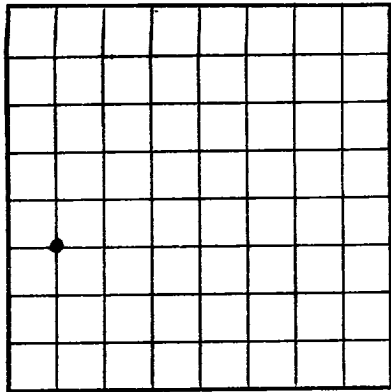


U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Repelle Oil Co. Address Box 1427, Hobbs, N. M.
Lessor or Tract J. L. Keel "A" Field Grayburg-Jackson State New Mexico
Well No. 7 Sec. 7 T. 17S R. 11E Meridian NM County Deer
Location 1900 ft. {N. of 30 Line and 600 ft. {E. of Line of Sec. 7-17S-11E } of Line of Sec. 7-17S-11E Elevation 5727
(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.

Date Oct. 8, 1945 Signed [Signature] Title Dist. Supt.

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

Commenced drilling June 7, 1945 Finished drilling Sept. 22, 1945

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5245 to 5475 No. 4, from _____ to _____
No. 2, from 5489 to 5575 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" NPS	4.74	8RT R2	EMO	2804					
6" NPS	4.74	8RT R2	EMO	2804					
4" NPS	4.74	8RT R2	EMO	2804					
3" NPS	4.74	8RT R2	EMO	2804					
2" NPS	4.74	8RT R2	EMO	2804					
1 1/2" NPS	4.74	8RT R2	EMO	2804					
1" NPS	4.74	8RT R2	EMO	2804					
3/4" NPS	4.74	8RT R2	EMO	2804					
1/2" NPS	4.74	8RT R2	EMO	2804					
3/8" NPS	4.74	8RT R2	EMO	2804					
1/4" NPS	4.74	8RT R2	EMO	2804					
1/8" NPS	4.74	8RT R2	EMO	2804					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7 1/2"	5210'	100	Fullerton		
6 5/8"	505'	80	do		

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
2 1/2"	1 1/2" XX	Sentinel	2000	9/9/45	3345-3475	3475
"	1 1/2" Reg.	do	4000	9-11-45	3545-3475	"
"	1 1/2" XX	do	2000	9-22-45	3485-3574	3574

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

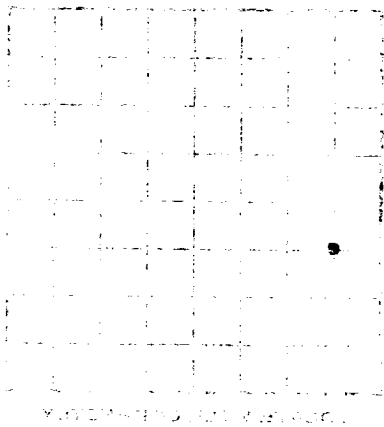
October 8, 1945 Put to producing _____, 1945
The production for the first 24 hours was 25 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 54
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	65	65	Land & red bed
65	205	200	Anhydrite
205	400	40	Sand & red shale & anhy.
400	520	120	Anhydrite
520	545	25	Red bed
545	558	13	Salt
558	745	187	Anhydrite
745	775	30	Salt
775	1205	430	Anhydrite shells & salt
1205	1265	60	Anhydrite
1265	1465	200	Red Rock
1465	1495	30	Anhydrite
1495	2055	600	Red Sand
2055	2555	500	Light, gray
2555	2575	20	Anhydrite & red rock
2575	2730	155	Line, Brown - 2525-2645 (Show of oil)
2730	2845	115	Line, gray
2845	3475	630	Line, Gray
3475	3574	99	Show Oil 3495-3515 do 3545-3556
FROM—	TO—	TOTAL FEET	FORMATION



LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

The information in this log is to be used for the purpose of determining the location and depth of the well and the nature of the formation through which it passes. It is to be filled out by the driller or his assistant as the well is being drilled. The log should be kept in a safe place and should be available for inspection at all times.

NO.	DEPTH	FORMATION
1	0 to 10	...
2	10 to 20	...
3	20 to 30	...
4	30 to 40	...
5	40 to 50	...
6	50 to 60	...
7	60 to 70	...
8	70 to 80	...
9	80 to 90	...
10	90 to 100	...

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, 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 "detached" or left in the well, give its size and location. If the well has been dynamited, give date, 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
0	10	10	...
10	20	20	...
20	30	30	...
30	40	40	...
40	50	50	...
50	60	60	...
60	70	70	...
70	80	80	...
80	90	90	...
90	100	100	...

TOOLS USED	DATES	EMPLOYEES
...	...	...

SHOOTING RECORD	PLUGS AND ADAPTERS	MAINTENANCE AND CEMENTING RECORD
...	...	...