Bud[illegible]ureau No. 42-R-355.3.
App[illegible]xpires 12-31-55.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032326 (b)
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box CC - Hobbs, New Mexico

Lessor or Tract Jack B-27 Field Matrix State New Mexico

Well No. 8 Sec. 27 T. 24 R. 37 Meridian N.M.P.M. County Lea

Location 660 ft. {N./S.} of N Line and 990 ft. {E./W.} of E Line of Sec. 27 Elevation 3228 GM
(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 /s/ H. L. Johnston

Date February 21, 1940 Title Dist. Supt.

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

Commenced drilling 1-2-40, 19.... Finished drilling 1-26-40, 19....

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3370 to 3528 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
10 3/4"	32.75	8	LW	386'9"	TP				
7"	22	8	Smls.	3201'8"	Cement guide shoe and float collar				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	385	250	Halliburton		
7"	3182	900	Halliburton		

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
3 1/2"	Risonite	S.N.G.	400 qts.	1-28-40	3205-3528	

TOOLS USED

Rotary tools were used from 0 feet to 3528 feet, and from ..... feet to ..... feet

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

DATES

February 21, 1940 Put to producing February 1, 1940

The production for the first 24 hours was 648 barrels of fluid of which 100 % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, °Bé. .....

If gas well, cu. ft. per 24 hours 744,000 Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

Reed McCausland, Driller Seaton, Driller

....., Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

[OVER] 16—43094-3

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
0	10		Surface
10	40		Sand
40	100		Sand and shells
100	195		Redbed and shells
195	260		Redbed
260	360		Redrock and sand
360	420		Redbed
420	587		Redrock, redbed, and sand
587	760		Redrock and redbed
760	865		Redrock, redbed, and sand
865	1015		Redbed and redrock
1015	1110		Anhydrite
1110	1120		Sand
1120	1140		Salt
1140	1316		Broken Anhydrite and salt
1316	1418		Anhydrite and salt
1418	1493		Anhydrite
1493	2160		Anhydrite and salt
2160	2260		Anhydrite, salt, and potash
2260	2378		Anhydrite and salt
2378	2472		Anhydrite
2472	2499		Lime and anhydrite
2499	2539		Lime
2539	2587		Anhydrite and lime
2587	2600		Anhydrite and lime
2600	2618		Lime
2618	2709		Anhydrite and lime
2709	2756		Lime
2756	2847		Anhydrite and lime
2847	3538		Lime - T.D. derrick floor measurement which is 10' above ground level.

T.D. 3528' (GM). Pay 3370-3528'. Well was shot with 400 qts. SNG from 3405-3528'. Was not acidized. Initial production 27 bbls. oil per hour with 744 MCF gas on 3 hour test thru 3/4" choke on 2" tubing.

Shell Pipe Line Co. connected and running top allowable effective February 1, 1940.

All above measurements, except drillers log, are from ground level.

FORMATION TOPS

Anhydrite 1000
Base Salt 2350
Pay 3370-3528'

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.