Form 9-330

Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

C O P Y

U. S. Land Office Las Cruces
Serial Number 054253
Lease or Permit to Prospect Lease

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 427, Hobbs, New Mexico
Lessor or Tract Brainard 3 Field Loco Hills State New Mexico
Well No. 5 Sec. 3 T. 18 R. 29 Meridian N.M.P.M. County Eddy
Location 2310 ft. {N.} of N Line and 2310 ft. {E.} of E Line of Sec. 3 Elevation 3499DF
{S.} {W.} (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
Title District Superintendent

Date October 25, 1940

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

Commenced drilling 8-21-40, 19____ Finished drilling 9-18-40, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2600 to 2613 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
3 5/8	28#	8	SH LW	420'3"	TP				
7"	20#	8	New	2498'5"	Cement float collar & guide shoe				
2"	7.70#	8	New	2600'3"	Tubing set 2600' w/ flow nipple				
					1/8" @ 300', 1/16" @ 600' and 900' off bottom				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	420	50	Halliburton		
7"	2490	200	"		

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.	200 qts	9-21-40	2570-2613	

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet
Cable tools were used from 0 feet to 2613 feet, and from ____ feet to ____ feet

DATES

October 25, 19 40 Put to producing 10-1-40, 19____

The production for the first 24 hours was 240 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment. Gravity, °Bé. ____

If gas well, cu. ft. per 24 hours 203,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

/s/ C. F. Bowers, Driller /s/ J. C. Watson W. R. Perry, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

16—43094-2

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
0	15		Sand
15	25		Redrock
25	130		Sand
130	220		Sandy shale
220	225		Sand
225	330		Redrock
330	410		Redrock & gyp
410	422		Salt & potash
422	480		Salt
480	525		Salt & redrock
525	690		Salt & potash
690	735		Salt & anhydrite
735	805		Salt
805	865		Salt & potash
865	1030		Anhydrite
1030	1390		Anhydrite & redrock
1390	1532		Anhydrite
1532	1540		Lime
1540	1660		Anhydrite
1660	1670		Brown lime
1670	1685		Anhydrite & brown lime
1685	1790		Anhydrite
1790	1905		Anhydrite & redrock
1905	1960		Anhydrite
1960	2075		Anhydrite & redrock
2075	2093		Anhydrite & redrock
2093	2114		Red sand
2114	2135		Anhydrite & redrock
2135	2250		Anhydrite
2250	2264		Gray lime
2264	2278		Red sand
2278	2305		Anhydrite & redrock
2305	2325		Anhydrite
2325	2335		Red sand
2335	2340		Gray lime
2340	2350		Brown lime
2350	2365		Brown lime & red sand
2365	2425		Anhydrite & redrock
2425	2435		Brown lime
2435	2455		Brown lime & redrock
2455	2460		Lime & redrock
2460	2475		Brown lime
2475	2577		Gray lime
2577	2579		Anhydrite & gray lime
2579	2584		Gray sandy lime
2584	2592		Gray lime
2592	2600		Sand & lime shells
2600	2603		Sandy lime
2603	2609		Sand
2609	2610		Sandy lime.
2610	2613		Hard lime.

Total depth 2613. Pay 2600 to 2613. Well was shot on 9-21-40 by N. M. Glycerin Co. with 200 qts. SNG from 2570-2613, was not acidized. Initial production 240 bbls. oil w/ 203 MCF gas daily flowing thru 38/64" choke on 2" tubing.

Texas N. M. Pipe Line Co. to connect and run top allowable effective October 1, 1940.

All measurements are from rig floor which is 2' above ground level.

HLJ:FP Hobbs, N.M. 10-25-40

HISTORY OF OIL OR GAS WELL

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

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.