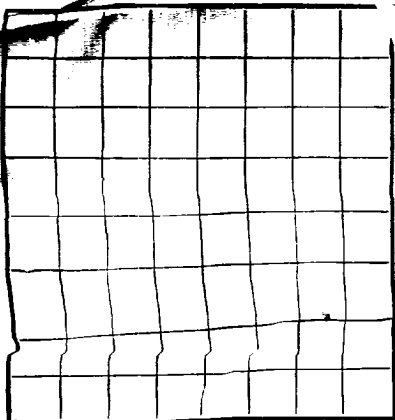


Form 9-

U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 030143-A  
LEASE OR PERMIT TO PROSPECT Permit



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
RECEIVED  
DEC 23, 1936  
ROSWELL, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address P. O. Box CC Hobbs, N.M.  
Lessor or Tract L. L. Reed A-3 Field Monument State New Mexico  
Well No. 5 Sec. 3 T. 20s R. 36e Meridian N.M.P.M. County Lea  
Location 2310 ft. [N.] of N. Line and 1650ft. [W.] of E. Line of Sec. 3 Elevation 3622'  
(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 December 20, 1936 Title Dist. Supt.

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

Commenced drilling 10-31, 19 36 Finished drilling Dec. 9, 19 36

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 3818 to 3925 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—	
10-3/4	40.50	8	SHLW	261'10"	TP				
7-5/8	26.40	8	Sals	1296'13"	Cement guide shoe				
5-1/2	17#	10	Sals	3801'8"	Cement guide shoe and float collar				
2-1/2	6.50#		New Sals	tubing set at 3922'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	276'	225	Balliburton		
7-5/8	1301'	425	do		
5-1/2	3791'	425	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

TOOLS USED

Rotary tools were used from 0 feet to 3925 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

December 20, 1936, 19 \_\_\_\_\_ Put to producing December 16, 1936, 19 \_\_\_\_\_

The production for the first 24 hours was 2568 barrels of fluid of which 100% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours 1975MCF Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

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

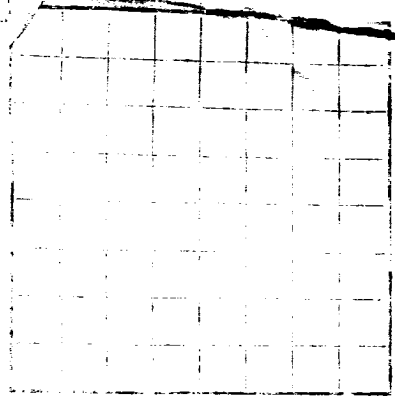
EMPLOYEES

R. B. Doyle, Driller C. White F. H. Keeler, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	38		Sand caliche
38	119		Sand and Shells
119	123		Redbed
123	205		Sandy Shale and Shells
205	258		Sand and Shale
258	278		Redbed
278	350		Redrock
350	610		Redbed
610	940		Redrock and shells
940	987		Redbed
987	1130		Redrock and shells
1130	1229		Redrock and Gyp
1229	1328		Anhydrite
1328	2225		Salt and Anhy.
2225	2435		Salt and shells
2435	2512		Salt, anhy shells
2512	2553		Anhy broken lime
2553	2746		Lime. sand break
2746	2885		Lime
2885	2906		Brown lime
2906	3081		Lime
3081	3133		Brown lime
3133	3355		Lime
3355	3380		Grey lime
3380	3576		Lime
3576	3590		Broken lime

[OVER]



**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.

The following information should be given for the well: Name of well, location, and date of completion. If the well is a gas well, state the gas gravity and the percentage of gas in the gas. If the well is an oil well, state the oil gravity and the percentage of oil in the oil. If the well is a water well, state the water quality and the amount of water produced. If the well is a geothermal well, state the temperature and the amount of steam produced. If the well is a geothermal well, state the temperature and the amount of steam produced.

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

**HISTORY OF OIL OR GAS WELL**

FROM-	TO-	TOTAL FEET	FORMATION
3590	3661	3661	Broken lime, show gas
3661	3693	3693	Broken lime show gas
3693	3925	3925	lime. Total Depth
<p>Total Depth 3925'. Pay: 3818-3925' lime. Drill stem test at 3741-3815' showed 30' drilling fluid, no oil or gas. Tested 3 bbls. oil per hour and 15 MCF gas at 3875' casing by gas lift between drill pipe and casing. Tested flowing thru 5 1/2" casing w/2 1/2" tubing in hole, 107 bbls. oil per hr. and 1975 MCF gas. Tested flowing thru 3/4" choke 88 bbls. oil per hour and 998 MCF gas. Tested 33 bbls oil in 15 hrs. and 116 MCF gas thru 12/64" choke. This well was acidized with 2000 gals. from 3852-3925'. Production before acidizing, 3 bbls. oil per hr by gas lift. Production after acidizing, 107 bbls. oil per hr with 1975 MCF gas flowing thru casing with tubing in hole, test taken 12-8-36.</p>			
12-16-36			<p>Texas pipe line to connect and run top allowable for this area effective 12-16-36. The present allowable for new wells in this area is 50 bbls. daily.</p>
<p><b>FORMATION TOPS</b></p> <p>Anydrite 1220'</p>			
<p>Salt Base 2560'</p>			
<p>Brown Lime 2850'</p>			
<p>Pay from 3818 to 3925'</p>			