

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **69467 (b)**
LEASE OR PERMIT TO PROSPECT **Lease**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Continental Oil Company** Address **Box 66, Hobbs, New Mexico**
Lessor or Tract **D. L. Vaughan D-1** Field **Langlia-Mataix** State **New Mexico**
Well No. **4** Sec. **1** T. **24S** R. **36E** Meridian **N.M.P.M.** County **Lea**
Location **660 ft. {N} of E. Line and 1900 ft. {W} of E. Line of Section 1** Elevation **3351**
(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 **E. L. Loper**

Date **February 1, 1951** Title **District Superintendent**

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

Commenced drilling **March 5**, 19 **50** Finished drilling **April 6**, 19 **50**

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

No. 1, from **3437** to **3593 (G)** 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—	
13 3/8"	44	8	AMERICAN	100	Ball shoe and float collar				
8 5/8"	26	8	AMERICAN	100					
5 1/2"	15.5	8	AMERICAN	345					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	290	300	Pump & plug		
8 5/8"	1201	500	Pump & plug		
5 1/2"	3438	649	Pump and 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
3 1/2"	Tin	Nitro-glycerine	200 qts.	4-5-50	3487 to 3593	3593

TOOLS USED

Rotary tools were used from **0** feet to **3593** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Temporarily abandoned April 10, 19 **50**
Put to producing _____, 19 _____
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

E. P. Leatherswood, Driller **E. J. Locke**, Driller
L. C. Arnold, Driller _____, Driller

FORMATION RECORD

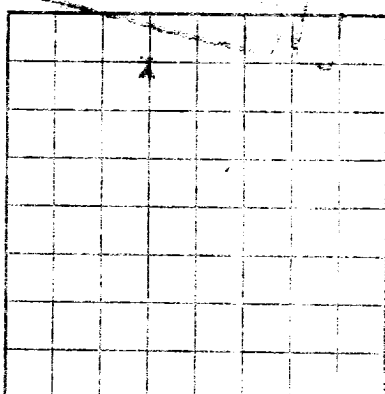
FROM—	TO—	TOTAL FEET	FORMATION
0	1050	1050	Surface sand and rock.
1050	1170	120	Shale and sand.
1170	1200	30	Anhydrite and shale.
1200	2700	1500	No samples.
2700	2740	40	Salt.
2740	2830	90	Dolomite and anhydrite.
2830	3475	645	Dolomite.
3475	3535	60	Dolomite and sand.
3535	3560	25	Dolomite.
3560	3580	20	Dolomite and sand.
3580	3593	13	Dolomite.
3593	Total Depth		

On April 9, 1950, this well tested **338.8 MCF** gas per day and was temporarily abandoned April 10, 1950.

CLASS OF PERMIT TO PROSPECT _____
SERIAL NUMBER _____
U. S. LAND OFFICE _____
DATE OF ISSUE _____

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GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE V E I I CORRECTLY

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.

Location of _____ of _____ Line and _____ of _____
Sec. _____ T. _____ R. _____ Meridian _____ County _____ State _____

Lessor or Trust _____ Company _____

Address _____ State _____

Elevation _____
(Positive floor relative to sea level)

Completed drilling _____, 19____. Finished drilling _____, 19____. The summary on this page is for the condition of the well at above date.

Date _____, 19____ Title District Government

NO ZONES OR SANDS OF OIL

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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

of	mon, 8.6%	of	mon, 8.6%
of	mon, 8.6%	of	mon, 8.6%

GROVER D. HILL

[illegible]

acts 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 plings 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

16-48094-1 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
0	1000	1000	Surface sand and red clay.
1000	1100	100	Yellow sand.
1100	1200	100	Reddish sand and shale.
1200	1300	100	Red sandstone.
1300	1400	100	Red sandstone.
1400	1500	100	Red sandstone.
1500	1600	100	Red sandstone.
1600	1700	100	Red sandstone.
1700	1800	100	Red sandstone.
1800	1900	100	Red sandstone.
1900	2000	100	Red sandstone.
2000	2100	100	Red sandstone.
2100	2200	100	Red sandstone.
2200	2300	100	Red sandstone.
2300	2400	100	Red sandstone.
2400	2500	100	Red sandstone.
2500	2600	100	Red sandstone.
2600	2700	100	Red sandstone.
2700	2800	100	Red sandstone.
2800	2900	100	Red sandstone.
2900	3000	100	Red sandstone.
3000	3100	100	Red sandstone.
3100	3200	100	Red sandstone.
3200	3300	100	Red sandstone.
3300	3400	100	Red sandstone.
3400	3500	100	Red sandstone.
3500	3600	100	Red sandstone.
3600	3700	100	Red sandstone.
3700	3800	100	Red sandstone.
3800	3900	100	Red sandstone.
3900	4000	100	Red sandstone.
4000	4100	100	Red sandstone.
4100	4200	100	Red sandstone.
4200	4300	100	Red sandstone.
4300	4400	100	Red sandstone.
4400	4500	100	Red sandstone.
4500	4600	100	Red sandstone.
4600	4700	100	Red sandstone.
4700	4800	100	Red sandstone.
4800	4900	100	Red sandstone.
4900	5000	100	Red sandstone.
5000	5100	100	Red sandstone.
5100	5200	100	Red sandstone.
5200	5300	100	Red sandstone.
5300	5400	100	Red sandstone.
5400	5500	100	Red sandstone.
5500	5600	100	Red sandstone.
5600	5700	100	Red sandstone.
5700	5800	100	Red sandstone.
5800	5900	100	Red sandstone.
5900	6000	100	Red sandstone.
6000	6100	100	Red sandstone.
6100	6200	100	Red sandstone.
6200	6300	100	Red sandstone.
6300	6400	100	Red sandstone.
6400	6500	100	Red sandstone.
6500	6600	100	Red sandstone.
6600	6700	100	Red sandstone.
6700	6800	100	Red sandstone.
6800	6900	100	Red sandstone.
6900	7000	100	Red sandstone.
7000	7100	100	Red sandstone.
7100	7200	100	Red sandstone.
7200	7300	100	Red sandstone.
7300	7400	100	Red sandstone.
7400	7500	100	Red sandstone.
7500	7600	100	Red sandstone.
7600	7700	100	Red sandstone.
7700	7800	100	Red sandstone.
7800	7900	100	Red sandstone.
7900	8000	100	Red sandstone.
8000	8100	100	Red sandstone.
8100	8200	100	Red sandstone.
8200	8300	100	Red sandstone.
8300	8400	100	Red sandstone.
8400	8500	100	Red sandstone.
8500	8600	100	Red sandstone.
8600	8700	100	Red sandstone.
8700	8800	100	Red sandstone.
8800	8900	100	Red sandstone.
8900	9000	100	Red sandstone.
9000	9100	100	Red sandstone.
9100	9200	100	Red sandstone.
9200	9300	100	Red sandstone.
9300	9400	100	Red sandstone.
9400	9500	100	Red sandstone.
9500	9600	100	Red sandstone.
9600	9700	100	Red sandstone.
9700	9800	100	Red sandstone.
9800	9900	100	Red sandstone

FORMATION RECORD—Continued