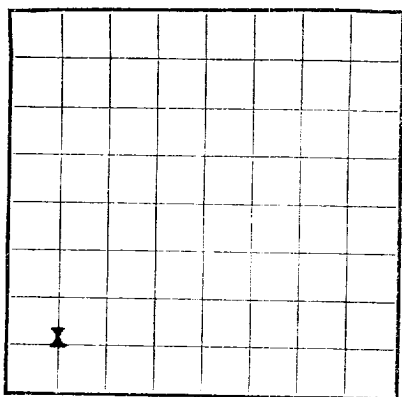


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LQ 031741 a**
LEASE OR PERMIT TO PROSPECT **Lease**



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Continental Oil Company** Address **Box 68 - Eunice, New Mexico**
Lessor or Tract **Hawk A** Field **NMPU** State **New Mexico**
Well No. **4** Sec. **4** T. **21S** R. **37E** Meridian **NMPM** County **Lea**
Location **660** ft. **N** of **S** Line and **660** ft. **E** of **W** Line of **Section 4** Elevation **3497'**
(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 _____ Title **District Superintendent**
Date **12-18-62**

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

Commenced drilling **10-9-** 19 **62** Finished drilling **10-29** 19 **62**

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

No. 1, from **6590** to **6680** **None from Drinkard** to _____
No. 2, from **5828** to **6172** **None from Elinebry** to _____
No. 3, from _____ to _____ No. 4, from _____ to _____
No. 5, 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 5/8	24	8rd	J-55	1265	Guide Shoe				
5 1/2	14	8rd	J-55	1538	Guide Shoe & Float				
5 1/2	13.5	8rd	J-55	5288	Collar		5828	6172	Elinebry
							6590	6680	Drinkard

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	1265	600	Pump & Plug		
5 1/2	6778	700	" "		

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 **6778** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

See reverse side

DATES

_____, 19____ 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

Sackle Drilling Company, Inc., Driller _____, Driller
P. O. Box 2076, Driller _____, Driller
Hobbs, New Mexico, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1304	1304	Red beds, etc.
1304	1390	86	Anhydrite
1390	2531	1141	Salt with shale & potash stringers
2531	2680	149	Dolomite & anhydrite
2680	2923	243	Dolomite, anhydrite & sandstone
2923	4023	1100	Dolomite with sand & Anhydrite stringers
4023	5250	1227	Dolomite
5250	5757	507	Dolomite & sandstone
5757	6254	497	Dolomite
6254	6588	334	Dolomite & sandstone
6588	6778	190	Dolomite

FORMATION RECORD-Continued

FROM	TO	TOTAL FEET	FORMATION
0	1000	1000	Red bed, etc.
1000	1050	50	White
1050	1080	30	Light gray shale
1080	1100	20	White - white
1100	1150	50	White, white, white
1150	1200	50	White, white, white
1200	1250	50	White, white, white
1250	1300	50	White, white, white
1300	1350	50	White, white, white
1350	1400	50	White, white, white
1400	1450	50	White, white, white
1450	1500	50	White, white, white
1500	1550	50	White, white, white
1550	1600	50	White, white, white
1600	1650	50	White, white, white
1650	1700	50	White, white, white
1700	1750	50	White, white, white
1750	1800	50	White, white, white
1800	1850	50	White, white, white
1850	1900	50	White, white, white
1900	1950	50	White, white, white
1950	2000	50	White, white, white
2000	2050	50	White, white, white
2050	2100	50	White, white, white
2100	2150	50	White, white, white
2150	2200	50	White, white, white
2200	2250	50	White, white, white
2250	2300	50	White, white, white
2300	2350	50	White, white, white
2350	2400	50	White, white, white
2400	2450	50	White, white, white
2450	2500	50	White, white, white
2500	2550	50	White, white, white
2550	2600	50	White, white, white
2600	2650	50	White, white, white
2650	2700	50	White, white, white
2700	2750	50	White, white, white
2750	2800	50	White, white, white
2800	2850	50	White, white, white
2850	2900	50	White, white, white
2900	2950	50	White, white, white
2950	3000	50	White, white, white
3000	3050	50	White, white, white
3050	3100	50	White, white, white
3100	3150	50	White, white, white
3150	3200	50	White, white, white
3200	3250	50	White, white, white
3250	3300	50	White, white, white
3300	3350	50	White, white, white
3350	3400	50	White, white, white
3400	3450	50	White, white, white
3450	3500	50	White, white, white
3500	3550	50	White, white, white
3550	3600	50	White, white, white
3600	3650	50	White, white, white
3650	3700	50	White, white, white
3700	3750	50	White, white, white
3750	3800	50	White, white, white
3800	3850	50	White, white, white
3850	3900	50	White, white, white
3900	3950	50	White, white, white
3950	4000	50	White, white, white
4000	4050	50	White, white, white
4050	4100	50	White, white, white
4100	4150	50	White, white, white
4150	4200	50	White, white, white
4200	4250	50	White, white, white
4250	4300	50	White, white, white
4300	4350	50	White, white, white
4350	4400	50	White, white, white
4400	4450	50	White, white, white
4450	4500	50	White, white, white
4500	4550	50	White, white, white
4550	4600	50	White, white, white
4600	4650	50	White, white, white
4650	4700	50	White, white, white
4700	4750	50	White, white, white
4750	4800	50	White, white, white
4800	4850	50	White, white, white
4850	4900	50	White, white, white
4900	4950	50	White, white, white
4950	5000	50	White, white, white
5000	5050	50	White, white, white
5050	5100	50	White, white, white
5100	5150	50	White, white, white
5150	5200	50	White, white, white
5200	5250	50	White, white, white

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 "sacked" 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.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE