

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **032096 (b)**
LEASE OR PERMIT TO PROSPECT **NMPU**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Continental Oil Company** Address **Box 427, Hobbs, New Mexico**
Lessor or Tract **A. M. Lockhart B-12** Field **Hare** State **New Mexico**
Well No. **2-8** Sec. **12** T. **21S** R. **37E** Meridian **NMPH** County **Lea**
Location **330 ft. [N. of S.]** of **N** Line and **810 ft. [E. of W.]** of **W** Line of **12** Elevation **3480**
(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 **J. R. Dauterive**
Title **Asst. District Superintendent**

Date **December 8, 1952**
The summary on this page is for the condition of the well at above date.
Commenced drilling **8-26**, 19 **52** Finished drilling **10-15**, 19 **52**

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

No. 1, from **7761'** to **7944'** No. 4, from _____ to _____
No. 2, from **8068'** to **8096'** 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 48	48	8	S-40	252.33	Guide	shoe & flood collar			
9 5/8 36	36	6	J-55	3145.00	Guide	shoe & flood collar			
7" 28	28	6	J-55	1045.31					
7" 23	23	6	J-55	2739.33					
7" 23	23	6	J-55	4448.95	Guide, shoe & flood collar		7770	8096	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8 272		260	Pump & plug		
9 5/8 3139		1360	Pump & plug		
7" 8148		1255	Pump & 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

TOOLS USED

Rotary tools were used from **0** feet to **8149** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing **10-27**, 19 **52**
The production for the first 24 hours was **639** barrels of fluid of which **100%** was oil; _____ %
emulsion; **0%** water; and _____ % sediment. Gravity, °Bé. **47°**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller **J. E. Claybrook**, Driller
R. W. Rylant, Driller
Lewis, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1390	1390	Red Beds
1390	1510	120	Anhydrite
1510	2580	1070	Salt
2580	5360	2780	Anhydrite dolomite
5360	5778	418	Lime dolomite
5778	6245	467	dolomite
6245	6275	30	dolomite & sand
6275	7050	775	dolomite & lime
7050	7670	620	Lime dolomite & green shale
7670	7830	160	Lime green shale & sand
7830	8130	300	green shale & sand
8130	8149	19	Lime, green shale & sand
DST #1 from 7790' to 7915' tool open 2 hrs, slight show of gas to surface in 35 minutes. Used 1000' water blanket. Recovered 6000' oil.			
DST #2 from 8045' to 8149' , tool open 2 hrs, gas to surface in 24 minutes. Recovered 4846' of clean oil, plus 1000' of water blanket, 15 minutes SIP 2675# . Flowing pressure 775#-1615# . Hydrostatic pressure 4050# . Drilled to a total depth of 8149' . Plugged back to 8145' . On initial potential flowed 159.7 bbls. of 47° gravity oil and no water in 6 hrs thru 1/2" choke on 2" tubing. Gas volume 232 MCF per day. GOR 363 , DP: 0# , FP: 175# . Well was not shot. Well was acidized with 500 gallons from 8069' to 8096' ; with 1000 gallons from 7770 to 7825 ; 7836-7892 and 7908-7943 .			

