

U. S. LAND OFFICE **Las Cruces**

SERIAL NUMBER **032096 (b)**

LEASE OR PERMIT TO PROSPECT **NMFU**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Continental Oil Co. Address Box 427, Hobbs, New Mexico
Lessor or Tract A. E. Lockhart B-12 Field Hare State New Mexico
Well No. 5-S Sec. 12 T. 21S R 37E Meridian NMPM County Lea
Location 1650 ft. S. of N. Line and 941 ft. E. of W. Line of Section 12 Elevation 3469' DF
(Darius 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 [Signature]
Title Asst. District Superintendent

Date December 29, 1953

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

Commenced drilling 9-30, 1953. Finished drilling 11-19, 1953.

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

No. 1, from 7618 to 7792 No. 4, from _____ to _____
No. 2, from 7958 to 7994 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	32.75	8	H-40	266.33	Guide shoe		7618	7666	Production
7 5/8	26.40	8	J-55	3126.70	Guide shoe		7666	7731	Production
5 1/2	17	8	J-55	1492.75	Float collar		7731	7792	Production
5 1/2	17	8	H-60	161.25			7792	7794	Production
5 1/2	15.5	8	J-55	2992.69					
5 1/2	14	8	J-55	3693.25					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	264	250	Pump and plug		
7 5/8	3135	1360	Pump and plug		
5 1/2	8032	467	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

TOOLS USED

Rotary tools were used from 0 feet to 8,033 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing November 25, 1953

The production for the first 24 hours was 300 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 48°

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Glasspool, Driller Claybrook, Driller
Lewis, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1390	1390	Redbeds
1390	1520	130	Anhydrite
1520	2670	1150	Salt
2670	5180	2510	Anhydrite and Dolomite
5180	5400	220	Lime and Dolomite
5400	6700	1300	Dolomite
6700	7230	530	Lime and Dolomite
7230	7540	310	Dolomite
7540	7625	85	Lime and Dolomite
7625	7715	90	Lime, Shale and Sand
7715	7935	220	Sand and Shale
7935	8020	85	Lime, Sand and Shale
8020	8033	13	Granite wash and Dolomite

On initial potential flowed 75 barrels of 48° gravity oil, no water, in 6 hours thru 1" choke on 2" tubing for a daily potential of 300 barrels oil, no water. Gas volume 481 MCF per day. GOR 1603. CP 300#. TP 60#. Well was not shot. Well was acidized with 1,000 gallons from 7958 to 7994' with 1,000 gallons from 7618-7666', 7676-7731', 7750-7792', Pay: McKee from 7618 to 7792'; Connell from 7958 to 7994'.

