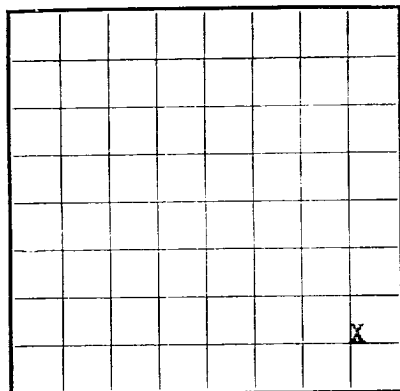


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032096-b
LEASE OR PERMIT TO PROSPECT NMFU

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 427, Hobbs, New Mexico
Lessor or Tract A. K. Lockhart E-14 "A" Field Nantz-Abo State New Mexico
Well No. 2-A Sec. 14 T. 21S R. 37E Meridian NMPA County Lea
Location 660 ft. [N.] of S. Line and 660 ft. [W.] of E. Line of Section 14 Elevation 3424
(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 _____

Date 2-8-54 Title District Superintendent

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

Commenced drilling 11-27-, 1953 Finished drilling 1-5-, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7,000 to 7,340 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	32.75	8rd	H-40	262.42	Guide shoe				
7 5/8	26.00	8rd	H-40	3162.00	Guide shoe				
5 1/2	15.5	8rd	H-40	666.97	2 1/2" float collar				
5 1/2	17	8rd	H-40	230.75					
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	268	250	Pump & Plug		
7 5/8	3162	1623	Pump & Plug		
5 1/2	7446	520	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 _____ feet to 7,447 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing January 9, 1954The production for the first 24 hours was 652 barrels of fluid of which 100 % 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

_____Glasspool_____, Driller _____Graybreck_____, Driller_____Lewis_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1330	1330	Redbeds
1330	1430	100	Anhydrite
1430	2480	1050	Salt
2480	5040	2560	Dolomite & Anhydrite
5040	5300	260	Lime
5300	6700	1400	Dolomite
6700	6900	200	Dolomite & Limestone
6900	7050	150	Dolomite
7050	7390	340	Dolomite & Limestone
7390	7447	57	Granite Wash

On initial potential, flowed 163 bbls. 42° gravity oil and no water, in 6 hours thru 22/64" choke on 2" tubing for a daily potential of 652 bbls. oil, no water. Gas volume 1595 MCF per day. GOR 2446, CP 0#, TP 350#. Well was not shot. Well was acidized with 1,000 gals. 7,000-7,040'; 7096-7118'; 7162-7212'; 7286-7344'. Pay: Abo from 7,000-7,344'. 5 1/2" casing was perforated from 7,000-7,040' with 160 shots; from 7096-7118' with 88 shots; 7162-7212 with 200 shots; 7286 to 7344 with 232 shots.

