

Las Cruces

U. S. LAND OFFICE

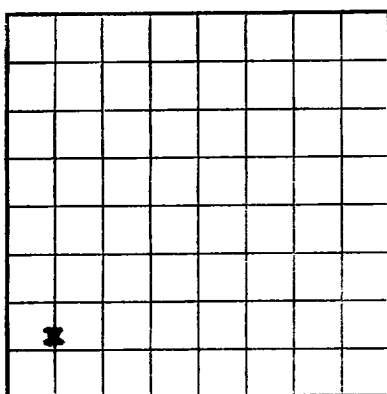
032096 (b)

SERIAL NUMBER

NMFU

LEASE OR PERMIT TO PROSPECT

COPY TO W. C. C. ROSS

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 Lockhart B-13 "A" Field Wantz-Abo State New Mexico
Well No. 1-A Sec. 13 T. 21-S R. 37-E Meridian NMPM County Lea
Location 660 ft. N of S Line and 660 ft. E of W Line of Section 13 Elevation 3427'
(Denotes 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.

Date June 1, 1953 Signed [Signature] Title District Superintendent

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

Commenced drilling January 31, 1953 Finished drilling April 11, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7,063 to 7,125 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"	228	1 1/4"	wall spiral weld	224.50					
7 1/2"	159	1 1/4"		159.37					
7"	159	1 1/4"		159.37					
							7063	7450	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	228	250	Pump & plug		
9 5/8"	3150	1596	Pump & plug		
7"	7576	730	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 7,576 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing May 1, 1953

The production for the first 24 hours was 195 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

E. J. Locke, Driller Claybrook, Driller
Lewis, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1330	1330	Redbeds
1330	1430	100	Anhydrite
1430	2480	1050	Salt
2480	5050	2570	Dolomite and Anhydrite
5050	7520	2470	Lime and dolomite
7520	7576	56	Granite wash

Total depth 7,576', plug back depth 7,140'.

On initial potential flowed 48.69 bbls. of 40° gravity oil and no water in 6 hrs. thru 20/60" choke on 2" tubing for a daily potential of 195 bbls. oil, no water. Gas volume 230 MCF per day. GOR 1181, GP-0 (Packer), TP 100#, well was not shot.

Well was acidized with 500 gallons from 7432' to 7450'; with 6,000 gallons from 7340' to 7406'; with 1,000 gallons from 7,222' to 7276'; with 4,000 gallons from 7160' to 7188'; with 4,000 gallons from 7,063 to 7125'.

Abo pay from 7063 to 7125'. 7" casing set at 7576'. Perforated from 7432 to 7450' with 72 shots; from 7340 to 7406' with 264 shots; from 7222 to 7276' with 216 shots; from 7160 to 7188' with 112 shots; from 7063 to 7125' with 248 shots.

Well originally classed as "Exploratory" and designated as A. M. Lockhart B-13 "A" #1 is now being classed as the Wantz-Abo Pool and redesignated as A. M. Lockhart B-13 "A" No. 1-A account completion in Abo formation.

FORMATION RECORD—Continued

[illegible]

HISTORY OF OIL OR GAS WELL

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 "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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.