

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 032096 (a)

LEASE OR PERMIT TO PROSPECT **Lease**

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Continental Oil Company Address Box CC, Hobbs, New Mexico

Lessor or Tract A. M. Lockhart A-17 Field Drinkard State New Mexico

Well No. 4 Sec. 17 T. 21S. R. 37E Meridian N.M.P.M. County Lea

Location 660 ft. ^{Box}_S of N Line and 660 ft. ^{Box}_W of E Line of Sec. 17-213-37E Elevation 3495' DF
(Derrick floor relative to sea level)

so far as can be determined from all available records.

Signed _____

Date December 31, 1949 Title District Superintendent

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

Commenced drilling ----- October 4, 1949 Finished drilling ----- November 6, 1949

(Denote gas by G)

No. 1, from 6611 to 6669 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

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	8 R	H-40	218'7"	T.P.				
9-5/8	36	8 R	J-55	1918'10"	Guide				
9-5/8	40	8 R	N-80	63'5"					
9-5/8	40	8 R	J-55	847'6"					
7	23	8 R	N-80	947'11"	Guide				
7	23	8 R	J-55	5899'9"					

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	228	250 ✓	HCWC Co.		
9-5/8	2819	750 ✓	HCWC Co.		
7	6769	650 ✓	HOWC Co.		

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

FOLD | MARK

TOOLS USED

Rotary tools were used from 0 feet to 6770 feet, and from _____ feet to _____ feet

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

DATES

December 1, 1949 Put to producing December 1, 1949

The production for the first 24 hours was 706 barrels of fluid of which 100 % was oil; 0 % 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

_____, Driller _____, Driller

..... Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Sand and shells
40	720	680	Redbed
720	1140	420	Redbed and shells
1140	1320	180	Redbed and anhydrite
1320	1693	373	Anhydrite and salt
1693	1868	175	Salt
1868	2362	494	Anhydrite and salt
2362	2808	446	Anhydrite
2808	2820	12	Brown line
2820	3197 3199	379	Line and anhydrite
3197 3199	3257	58	Line and anhydrite
3257	3411	154	Line and anhydrite
3411	3734	323	Line and anhydrite
3734	6770	3036	Line

(OVER)

—18—43094-2

IDENTIFICATION: BPD0017V-C9591000

UNITED STATES

ITEM 6: LETTER TO GUORONG ZHANG.

SEMITA SOURCE ----- 15042 (U)

N. E. FORD OFFICE

FOUO 4-330

7. The authors are grateful to the referees for their valuable comments and suggestions.

FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION
<p>Well was drilled to total depth of 6770' in lime. Well was not shot. Well was acidized with 2,500 gallons, including attempted treatment with 500 gallons which failed. Casing was perforated 6677' to 6683' with 24 shots, 6691' to 6697' with 24 shots, 6701' to 6719' with 72 shots, 6724' to 6748' with 96 shots, 6611' to 6644' with 132 shots, 6651' to 6669' with 72 shots. Completed for initial potential of 706 barrels oil, no water in 24 hours, flowing through 1" choke on 2-1/2" tubing, with 1155.7 MCF gas, gas-oil ratio 1637, casing pressure 580#, tubing pressure 320#. Pay: Drinkard from 6611' to 6669'. Gravity of oil: 40 degrees Pipe Line Connection: Magnolia Pipe Line Co. Derrick floor: 10' above ground Date total depth reached: 11-6-49. Date completion test: 12-1-49</p>			
DF			
Hobbs, N.M.			
12-31-49			
Orig/2	- U.S.C.S. - Hobbs, N.M.		
	HLJ HM Stanolind-Hobbs-4 District Foreman File		
	Atlantic Refining Co.-Midland		
	Standard of Texas-Midland		

HISTORY OF OIL OR GAS WELL

16-43064-1

U. S. GOVERNMENT PRINTING OFFICE

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.