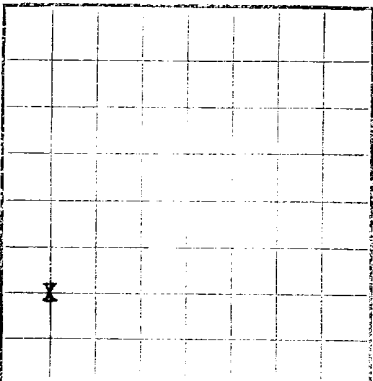


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 031670 b
LEASE OR PERMIT TO PROSPECT Lease



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, N. M.
Lessor or Tract SEMU-McKee Field Jarron-McKee State New Mexico
Well No. 50 Sec. 20 T. 20S R. 3E Meridian T. N. P. N. County Lea
Location 1980 ft. ^N_{XX} of S Line and 560 ft. ^E_{XX} of A Line of Section 20 Elevation 3555 (Check box 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 October 26, 1956 Title District Superintendent

The summary on this page is for the condition of the well at above date.
Commenced drilling July 13, 19 56 Finished drilling September 12, 19 56

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

No. 1, from 9072 to 9179 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	258	Guide Shoe				
7 5/8	24	8Rd	H-40	4081	Guide Shoe				
5 1/2	15.5	8Rd	J-55	4528	Guide Shoe & Float Collar				
5 1/2	17	8Rd	J-55	1556	Guide Shoe & Float Collar				
5 1/2	17	8Rd	H-80	3253	Guide Shoe & Float Collar				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	272	250	Pump & Plug		
7 5/8	4039	2100	Pump & Plug		
5 1/2	9232	770	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 9233 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing September 18, 19 56

The production for the first 24 hours was 462 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 45

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

T. Fowler, Driller H. D. Carter, Driller
E. J. Smith, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1385	1385	Redbeds
1385	1470	25	Anhydrite
1470	2530	1060	Salt
2530	3510	980	Dolomite, anhydrite
3510	3830	320	Sand, Dolomite
3830	6950	3120	Dolomite
6950	7600	650	Lime, Dolomite
7600	7810	210	Lime
7810	8700	890	Dolomite
8700	8785	85	Lime
8785	9070	285	Sand, Shale
9070	9233	163	Sand

(For tops taken from RI see attached sheet)

FORMATION RECORD--Continued

[illegible]

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 "sidedracked" 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.

HISTORY OF OIL OR GAS WELL

16-48084-3 U. S. GOVERNMENT PRINTING OFFICE

SEMU-MCKEE NO. 50: T. D. 9233. DDD 9218. Formation Lime, Shale, Sand. Elevation 3555. Derrick Floor 13' above ground. McKee pay 9072 to 9179'. Casing point 5 1/2" at 9232'. 5 1/2" casing was perforated from 9072-9092 with 80 shots, 9107-9130 with 92 shots, 9146-9179 with 132 shots. On initial potential flowed 154 bbls. of 45° gravity oil and no water in 8 hours thru 3/4" choke on 2" tubing. TP 75#. 3" C# (packer). Daily potential 462 bbls. oil with 258 MCF gas, GOR 558. Estimated daily allowable 148 bbls. oil effective 9-18-56. Well was not treated or shot. Pipe line connected: Shell Pipe Line Corporation. Spudded 7-13-56. Drilling completed 9-12-56. Date rig released 9-18-56. Date tested 9-18-56. Tops: Rustler Anhydrite 1385', Salt 1470', Base Salt 2532', Yates 2680', Seven Rivers 2996', Queen 3510', Glorieta 5333', Blinobry 5866', Tubb 6366', Drinkard 6674', Abo 6950', Devonian 7817', Simpson 8705', McKee 9006', McKee pay 9070'.