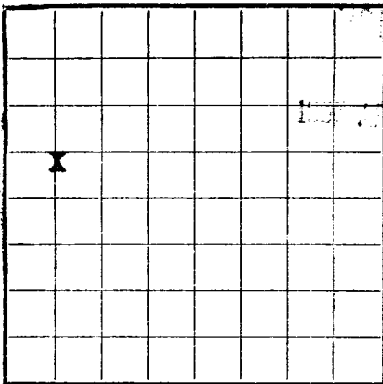


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 031670 b  
LEASE OR PERMIT TO PROSPECT Lease

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 SEML-McKee Field Warren McKee State New Mexico  
Well No. 53 Sec. 20 T. 20S R. 38E Meridian N. M. P. M. County Lea  
Location 2086 ft. XX of N. Line and 554 ft. XX of W. Line of Section 20 Elevation 3562  
(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 April 5, 1957 Title District Superintendent

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

Commenced drilling December 9, 1956 Finished drilling February 28, 1957

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9092 to 9190 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-10	243	Guide Shoe				
7 5/8	21	8Rd	H-10	247	ditto				
7 5/8	21	8Rd	H-10	247	ditto				
5 1/2	17	8Rd	H-80	2895	Guide Shoe & Float Collar				
5 1/2	17	8Rd	J-55	1867	ditto				
5 1/2	15.5	8Rd	J-55	4396	ditto				

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	273	250	Pump & plug		
7 5/8	3998	1875	ditto		
5 1/2	9043	225	ditto		

## 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 9210 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing March 6, 1957The production for the first 24 hours was 521 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 450

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 \_\_\_\_\_, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1390	1390	Redbeds
1390	1480	90	Anhydrite
1480	2540	1060	Salt
2540	3510	970	Dolomite, Anhydrite
3510	3830	320	Sand, Dolomite
3830	6370	2540	Dolomite
6370	6560	190	Sand, Dolomite
6560	6960	400	Dolomite
6960	7830	870	Lime, Dolomite
7830	8735	905	Dolomite, Chert
8735	8950	215	Lime, Shale
8950	9210	260	Sand, Shale

See attached sheet for Geologic Tops taken from EL.



SEMO-MCKEE NO. 53:

T. D. 9210'. Formation Sand. Elevation 3562'. DF 13'. McKee pay 9092-9190'. Casing point 5 1/2" at 9043'. 217' of 4" liner set at 9200'. 4" liner was perforated from 9092 to 9120' with 112 shots, 9130 to 9150' with 80 shots, 9165 to 9176' with 44 shots, 9186 to 9190' with 16 shots. On initial potential flowed 195 bbls. of 45° gravity oil and no water in 9 hours thru 3/4" choke on 2" tubing. TP 50#. CP 0# (packer). Daily potential 521 bbls. oil with 190 MCF gas, GOR 364. Estimated daily allowable 163 bbls. oil effective 3-6-57. Well was not treated or shot. PL connected: Shell P. L. Corp. Spudded 12-9-56. Drilling completed 2-28-57. Rig released 3-7-57. Tested 3-6-57. Tops: Anhydrite 1395', Salt 1485', Base Salt 2540', Yates 2685', Seven Rivers 2942', Queen 3517', Glorieta 5330', Blinbry 5866', Tubb 6354'. Drinkard 6654', Abo 6942', Devonian 7856', Fusselman 8154', Montoya 8486', Simpson Limestone 8706', Simpson Sandstone 8782', McKee Pay 9080'.