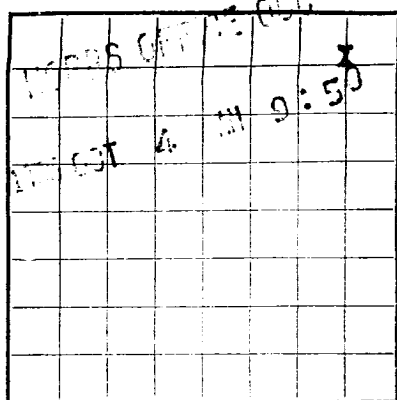


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 031622 (b)
LEASE OR PERMIT TO PROSPECT

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 Sanderson B-4 Field Dumont State New Mexico
Well No. 1 Sec. 4 T. 20S R. 36E Meridian N.M.P.M. County Lea
Location 660 ft. N. of N. Line and 660 ft. W. of E. Line of Section 4 Elevation 3638'
(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 [Signature]Date September 29, 1955 Title District Superintendent

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

Commenced drilling August 3, 1955 Finished drilling August 14, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3894' to 4079' 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—	
<u>8 5/8</u>	<u>24</u>	<u>8R</u>	<u>J-55</u>	<u>310'</u>	<u>Guide Shoe</u>				
<u>5 1/2</u>	<u>14</u>	<u>8R</u>	<u>J-55</u>	<u>4079'</u>	<u>Guide Shoe</u>				
					<u>Float Collar</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>322'</u>	<u>225</u>	<u>Pump & Plug</u>		
<u>5 1/2</u>	<u>4099'</u>	<u>1,308</u>	<u>Pump & Plug</u>		

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 4100 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 1, 1955The production for the first 24 hours was 366 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 36

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

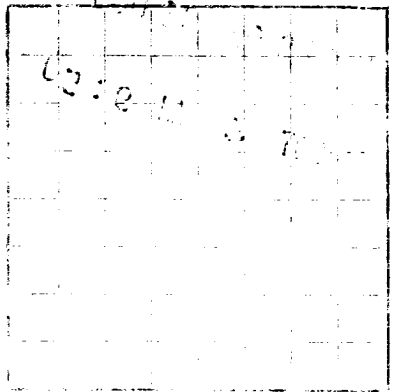
FROM—	TO—	TOTAL FEET	FORMATION
0	1305	1305	Redbeds.
1305	1400	95	Anhydrite.
1400	2646	1246	Salt & Anhydrite.
2646	2797	151	Anhydrite & Lime.
2797	3130	333	Sand, Anhydrite & Dolomite.
3130	3680	550	Dolomite.
3680	4100	420	Dolomite & Sand.

T.D. 4100'. DOD 4090'. Elevation 3638' D.F. Derrick floor 10' above ground. Pay Queen 3894-4079'. 5 1/2" casing was perforated from 4065-4079' with 56 shots, from 4020-4050' with 120 shots, from 4001-4008' with 28 shots, from 3932-3958' with 104 shots, from 3894-3910' with 64 shots. On initial potential swabbed 61 bbls. of 36 deg. gravity oil, no water in 4 hours, thru 2" tubing. Daily potential 366 bbls. oil with gas ASTM. Estimated daily allowable 39 bbls. oil, effective 9-1-55. Well was acidized with 500 gals. from 4065-4079' and sandfraced with 6,000 gals. fuel oil with 1# sand and .1# Adomite per gal. Acidized with 500 gals. from 4020-4050' and sandfraced with 6,000 gals. fuel oil with 1# sand and .1# Adomite per gal. Sandfraced with 15,000 gals. from 4020-4050', using fuel oil with 1# sand and .1# Adomite per gal. Acidized with 500 gals. from 4001-4008' and sandfraced with 4,000 gals. refined oil with 1# sand and .1# Adomite per gal. Acidized with 1,000 gals. and sandfraced with 6,000 gals. fuel oil with 1# sand and .1# Adomite per gal. from 3932-3958'. Acidized with 1,000 gals. acid and sandfraced with 6,000 gals. fuel oil using 1# sand and .1# Adomite per gal. from 3894-3910'. Well was not shot. Atlantic Pipe Line Company connected. Date well spudded 8-3-55. Drilling completed 8-14-55. Date tested 9-3-55. Rig released 8-15-55. The following tops were reported:

Anhydrite 1405', Salt 1510', Base Salt 2812', Yates 2970', Seven Rivers 3320', Queen 3880'.

(OVER)

16-43004-3



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company: _____
Location: _____
The information given in this log is to be used for the purpose of determining the location of the well and the nature of the formation through which it passes. It is to be filled in by the driller or his representative, and should be checked by the geologist or other qualified person before the well is completed.

The summary on this page is for the purpose of giving a general idea of the nature of the formation through which the well passes. It is to be filled in by the geologist or other qualified person before the well is completed.

LOG OF GAS SANDS
No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____
No. 7, from _____ to _____
No. 8, from _____ to _____
No. 9, from _____ to _____
No. 10, from _____ to _____

LOG OF WATER SANDS
No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____
No. 7, from _____ to _____
No. 8, from _____ to _____
No. 9, from _____ to _____
No. 10, from _____ to _____

CASING RECORD
Type of casing: _____
Size of casing: _____
Length of casing: _____
Weight of casing: _____
Number of joints: _____
Date of installation: _____

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 "tracked" or left in the well, give the 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

DATE	DESCRIPTION OF WORK	REMARKS
1900	Drilled to 100 feet	Found oil at 100 feet
1901	Drilled to 200 feet	Found oil at 200 feet
1902	Drilled to 300 feet	Found oil at 300 feet
1903	Drilled to 400 feet	Found oil at 400 feet
1904	Drilled to 500 feet	Found oil at 500 feet
1905	Drilled to 600 feet	Found oil at 600 feet
1906	Drilled to 700 feet	Found oil at 700 feet
1907	Drilled to 800 feet	Found oil at 800 feet
1908	Drilled to 900 feet	Found oil at 900 feet
1909	Drilled to 1000 feet	Found oil at 1000 feet
1910	Drilled to 1100 feet	Found oil at 1100 feet
1911	Drilled to 1200 feet	Found oil at 1200 feet
1912	Drilled to 1300 feet	Found oil at 1300 feet
1913	Drilled to 1400 feet	Found oil at 1400 feet
1914	Drilled to 1500 feet	Found oil at 1500 feet
1915	Drilled to 1600 feet	Found oil at 1600 feet
1916	Drilled to 1700 feet	Found oil at 1700 feet
1917	Drilled to 1800 feet	Found oil at 1800 feet
1918	Drilled to 1900 feet	Found oil at 1900 feet
1919	Drilled to 2000 feet	Found oil at 2000 feet
1920	Drilled to 2100 feet	Found oil at 2100 feet
1921	Drilled to 2200 feet	Found oil at 2200 feet
1922	Drilled to 2300 feet	Found oil at 2300 feet
1923	Drilled to 2400 feet	Found oil at 2400 feet
1924	Drilled to 2500 feet	Found oil at 2500 feet
1925	Drilled to 2600 feet	Found oil at 2600 feet
1926	Drilled to 2700 feet	Found oil at 2700 feet
1927	Drilled to 2800 feet	Found oil at 2800 feet
1928	Drilled to 2900 feet	Found oil at 2900 feet
1929	Drilled to 3000 feet	Found oil at 3000 feet
1930	Drilled to 3100 feet	Found oil at 3100 feet
1931	Drilled to 3200 feet	Found oil at 3200 feet
1932	Drilled to 3300 feet	Found oil at 3300 feet
1933	Drilled to 3400 feet	Found oil at 3400 feet
1934	Drilled to 3500 feet	Found oil at 3500 feet
1935	Drilled to 3600 feet	Found oil at 3600 feet
1936	Drilled to 3700 feet	Found oil at 3700 feet
1937	Drilled to 3800 feet	Found oil at 3800 feet
1938	Drilled to 3900 feet	Found oil at 3900 feet
1939	Drilled to 4000 feet	Found oil at 4000 feet
1940	Drilled to 4100 feet	Found oil at 4100 feet
1941	Drilled to 4200 feet	Found oil at 4200 feet
1942	Drilled to 4300 feet	Found oil at 4300 feet
1943	Drilled to 4400 feet	Found oil at 4400 feet
1944	Drilled to 4500 feet	Found oil at 4500 feet
1945	Drilled to 4600 feet	Found oil at 4600 feet
1946	Drilled to 4700 feet	Found oil at 4700 feet
1947	Drilled to 4800 feet	Found oil at 4800 feet
1948	Drilled to 4900 feet	Found oil at 4900 feet
1949	Drilled to 5000 feet	Found oil at 5000 feet
1950	Drilled to 5100 feet	Found oil at 5100 feet
1951	Drilled to 5200 feet	Found oil at 5200 feet
1952	Drilled to 5300 feet	Found oil at 5300 feet
1953	Drilled to 5400 feet	Found oil at 5400 feet
1954	Drilled to 5500 feet	Found oil at 5500 feet
1955	Drilled to 5600 feet	Found oil at 5600 feet
1956	Drilled to 5700 feet	Found oil at 5700 feet
1957	Drilled to 5800 feet	Found oil at 5800 feet
1958	Drilled to 5900 feet	Found oil at 5900 feet
1959	Drilled to 6000 feet	Found oil at 6000 feet
1960	Drilled to 6100 feet	Found oil at 6100 feet
1961	Drilled to 6200 feet	Found oil at 6200 feet
1962	Drilled to 6300 feet	Found oil at 6300 feet
1963	Drilled to 6400 feet	Found oil at 6400 feet
1964	Drilled to 6500 feet	Found oil at 6500 feet
1965	Drilled to 6600 feet	Found oil at 6600 feet
1966	Drilled to 6700 feet	Found oil at 6700 feet
1967	Drilled to 6800 feet	Found oil at 6800 feet
1968	Drilled to 6900 feet	Found oil at 6900 feet
1969	Drilled to 7000 feet	Found oil at 7000 feet
1970	Drilled to 7100 feet	Found oil at 7100 feet
1971	Drilled to 7200 feet	Found oil at 7200 feet
1972	Drilled to 7300 feet	Found oil at 7300 feet
1973	Drilled to 7400 feet	Found oil at 7400 feet
1974	Drilled to 7500 feet	Found oil at 7500 feet
1975	Drilled to 7600 feet	Found oil at 7600 feet
1976	Drilled to 7700 feet	Found oil at 7700 feet
1977	Drilled to 7800 feet	Found oil at 7800 feet
1978	Drilled to 7900 feet	Found oil at 7900 feet
1979	Drilled to 8000 feet	Found oil at 8000 feet
1980	Drilled to 8100 feet	Found oil at 8100 feet
1981	Drilled to 8200 feet	Found oil at 8200 feet
1982	Drilled to 8300 feet	Found oil at 8300 feet
1983	Drilled to 8400 feet	Found oil at 8400 feet
1984	Drilled to 8500 feet	Found oil at 8500 feet
1985	Drilled to 8600 feet	Found oil at 8600 feet
1986	Drilled to 8700 feet	Found oil at 8700 feet
1987	Drilled to 8800 feet	Found oil at 8800 feet
1988	Drilled to 8900 feet	Found oil at 8900 feet
1989	Drilled to 9000 feet	Found oil at 9000 feet
1990	Drilled to 9100 feet	Found oil at 9100 feet
1991	Drilled to 9200 feet	Found oil at 9200 feet
1992	Drilled to 9300 feet	Found oil at 9300 feet
1993	Drilled to 9400 feet	Found oil at 9400 feet
1994	Drilled to 9500 feet	Found oil at 9500 feet
1995	Drilled to 9600 feet	Found oil at 9600 feet
1996	Drilled to 9700 feet	Found oil at 9700 feet
1997	Drilled to 9800 feet	Found oil at 9800 feet
1998	Drilled to 9900 feet	Found oil at 9900 feet
1999	Drilled to 10000 feet	Found oil at 10000 feet