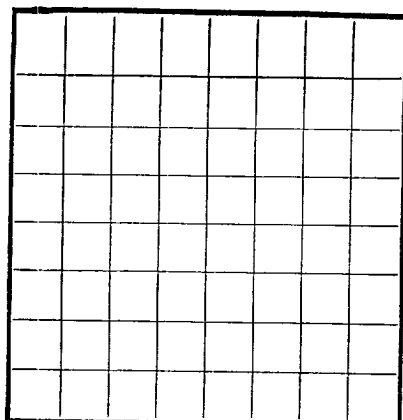


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 030467
LEASE OR PERMIT TO PROSPECT Lease



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Co. Address Hobbs, New Mexico
 Lessor or Tract D. L. Vaughan A-15 Field Cooper State New Mexico
 Well No. 3 Sec. 15 T. 24 R. 36 Meridian N.M.P.M. County Lea
 Location 1980 ft. N. of S Line and 660 ft. E. of E Line of Sec. 15 Elevation 3367
(North & South platitudes optional)

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 /s/ H. B. Hurley

Date July 12, 1935

Title	Dist.	Supt.
-------	-------	-------

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

Commenced drilling June 3, 1935, 19____ Finished drilling July 10, 1935 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3526 to 3538 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	236	124	Halliburton		
7 5/8"	1800	500	Halliburton		
5 1/2"	3508	300	Halliburton		

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 3539 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing ----- July 10, 1935 ----- 19-----

The production for the first 24 hours was 2160 barrels of fluid of which 100% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours 1,550,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

-----E. W. Reed-----, Driller Contractor - E. C. Norwood, Driller
-----A. R. Reed-----, Driller J. C. Colbert, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0000	0000		
0001	0001		
0002	0002		
0003	0003		
0004	0004		
0005	0005		
0006	0006		
0007	0007		
0008	0008		
0009	0009		
0010	0010		
0011	0011		
0012	0012		
0013	0013		
0014	0014		
0015	0015		
0016	0016		
0017	0017		
0018	0018		
0019	0019		
0020	0020		
0021	0021		
0022	0022		
0023	0023		
0024	0024		
0025	0025		
0026	0026		
0027	0027		
0028	0028		
0029	0029		
0030	0030		
0031	0031		
0032	0032		
0033	0033		
0034	0034		
0035	0035		
0036	0036		
0037	0037		
0038	0038		
0039	0039		
0040	0040		
0041	0041		
0042	0042		
0043	0043		
0044	0044		
0045	0045		
0046	0046		
0047	0047		
0048	0048		
0049	0049		
0050	0050		
0051	0051		
0052	0052		
0053	0053		
0054	0054		
0055	0055		
0056	0056		
0057	0057		
0058	0058		
0059	0059		
0060	0060		
0061	0061		
0062	0062		
0063	0063		
0064	0064		
0065	0065		
0066	0066		
0067	0067		
0068	0068		
0069	0069		
0070	0070		
0071	0071		
0072	0072		
0073	0073		
0074	0074		
0075	0075		
0076	0076		
0077	0077		
0078	0078		
0079	0079		
0080	0080		
0081	0081		
0082	0082		
0083	0083		
0084	0084		
0085	0085		
0086	0086		
0087	0087		
0088	0088		
0089	0089		
0090	0090		
0091	0091		
0092	0092		
0093	0093		
0094	0094		
0095	0095		
0096	0096		
0097	0097		
0098	0098		
0099	0099		
0100	0100		

Company
Address
State
County
Town
Section
Range
Township

Drill stem test 3485-3580' showed 2 joints mud no gas or oil. Set 5 1/2" casing at 3508. Drilled from 3510-3539 with oil under pressure. Oil pay from 3526-3538. Unloaded and tested well thru casing flowed at rate of 90 bbls. of oil per hour; gas 1,550 cu. ft. Ran 2 1/2" tubing set at 3535 and well tested at rate of 35 bbls. per hour in 2 hour test flowing open thru tubing.

Drill stem test 3485-3580' showed 2 joints mud no gas or oil. Set 5 1/2" casing at 3508. Drilled from 3510-3539 with oil under pressure. Oil pay from 3526-3538. Unloaded and tested well thru casing flowed at rate of 90 bbls. of oil per hour; gas 1,550 cu. ft. Ran 2 1/2" tubing set at 3535 and well tested at rate of 35 bbls. per hour in 2 hour test flowing open thru tubing.

FROM	TO	TOTAL FEET	FORMATION
0	26	26	Caliche
26	224	575	Sand
224	575	575	Redbed
575	1190	1265	Sand and redbed
1190	1265	1265	Lime
1265	1330	1330	Sand and redrock
1330	1351	1351	Anhydrite
1351	1360	1360	Salt
1360	1468	1468	Anhydrite
1468	1790	1790	Salt and anhydrite
1790	1801	1801	Anhydrite
1801	3027	3027	Anhydrite and salt
3027	3060	3060	Anhydrite
3060	3065	3065	White lime
3065	3100	3100	Lime
3100	3162	3162	Brown lime
3162	3510	3510	Lime
3510	3538	3538	Sandy lime - Pay from 3526 to 3538

FROM	TO	TOTAL FEET	FORMATION
0	26	26	Caliche
26	224	575	Sand
224	575	575	Redbed
575	1190	1265	Sand and redbed
1190	1265	1265	Lime
1265	1330	1330	Sand and redrock
1330	1351	1351	Anhydrite
1351	1360	1360	Salt
1360	1468	1468	Anhydrite
1468	1790	1790	Salt and anhydrite
1790	1801	1801	Anhydrite
1801	3027	3027	Anhydrite and salt
3027	3060	3060	Anhydrite
3060	3065	3065	White lime
3065	3100	3100	Lime
3100	3162	3162	Brown lime
3162	3510	3510	Lime
3510	3538	3538	Sandy lime - Pay from 3526 to 3538

FROM	TO	TOTAL FEET	FORMATION
0	26	26	Caliche
26	224	575	Sand
224	575	575	Redbed
575	1190	1265	Sand and redbed
1190	1265	1265	Lime
1265	1330	1330	Sand and redrock
1330	1351	1351	Anhydrite
1351	1360	1360	Salt
1360	1468	1468	Anhydrite
1468	1790	1790	Salt and anhydrite
1790	1801	1801	Anhydrite
1801	3027	3027	Anhydrite and salt
3027	3060	3060	Anhydrite
3060	3065	3065	White lime
3065	3100	3100	Lime
3100	3162	3162	Brown lime
3162	3510	3510	Lime
3510	3538	3538	Sandy lime - Pay from 3526 to 3538

FROM	TO	TOTAL FEET	FORMATION
0	26	26	Caliche
26	224	575	Sand
224	575	575	Redbed
575	1190	1265	Sand and redbed
1190	1265	1265	Lime
1265	1330	1330	Sand and redrock
1330	1351	1351	Anhydrite
1351	1360	1360	Salt
1360	1468	1468	Anhydrite
1468	1790	1790	Salt and anhydrite
1790	1801	1801	Anhydrite
1801	3027	3027	Anhydrite and salt
3027	3060	3060	Anhydrite
3060	3065	3065	White lime
3065	3100	3100	Lime
3100	3162	3162	Brown lime
3162	3510	3510	Lime
3510	3538	3538	Sandy lime - Pay from 3526 to 3538

FROM	TO	TOTAL FEET	FORMATION
0	26	26	Caliche
26	224	575	Sand
224	575	575	Redbed
575	1190	1265	Sand and redbed
1190	1265	1265	Lime
1265	1330	1330	Sand and redrock
1330	1351	1351	Anhydrite
1351	1360	1360	Salt
1360	1468	1468	Anhydrite
1468	1790	1790	Salt and anhydrite
1790	1801	1801	Anhydrite
1801	3027	3027	Anhydrite and salt
3027	3060	3060	Anhydrite
3060	3065	3065	White lime
3065	3100	3100	Lime
3100	3162	3162	Brown lime
3162	3510	3510	Lime
3510	3538	3538	Sandy lime - Pay from 3526 to 3538

FROM	TO	TOTAL FEET	FORMATION
0	26	26	Caliche
26	224	575	Sand
224	575	575	Redbed
575	1190	1265	Sand and redbed
1190	1265	1265	Lime
1265	1330	1330	Sand and redrock
1330	1351	1351	Anhydrite
1351	1360	1360	Salt
1360	1468	1468	Anhydrite
1468	1790	1790	Salt and anhydrite
1790	1801	1801	Anhydrite
1801	3027	3027	Anhydrite and salt
3027	3060	3060	Anhydrite
3060	3065	3065	White lime
3065	3100	3100	Lime
3100	3162	3162	Brown lime
3162	3510	3510	Lime
3510	3538	3538	Sandy lime - Pay from 3526 to 3538