

Las Cruces
U. S. LAND OFFICE
SERIAL NUMBER 032573 (b)
LEASE OR PERMIT TO PROSPECT Lease

COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Continental Oil Company Address Hobbs, New Mexico
Lessor or Tract E. M. Elliott B-15 Field Drinkard State New Mexico
Well No. 3 Sec. 15 T. 22S R. 17E Meridian N. M. P. M. County Lea
Location 1980 ft. N. of S Line and 660 ft. W. of E Line of Sec. 15-22S-37E Elevation 3370
(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 21, 1949 Title District Superintendent

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

Commenced drilling February 11, 1949 Finished drilling March 24, 1949

OIL OR GAS SANDS OR ZONES

No. 1, from 64.61 to 64.79 No. 4, from _____ to _____
No. 2, from 64.10 to 64.24 No. 5, from _____ to _____
No. 3, from 64.39 to 64.52 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-	
13-3/8	36	Armco Nat'l Slip	200'0"	T. P.					
9-5/8	40	Joint							
7	26	N-80	2721'0"	Guide					
7	23	N-80	507'0"	Guide					
7	23	N-80	4962'0"						
7	23	N-80	1113'4"						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	212'	250	HOWC Co.		
9-5/8	2684'	500	HOWC Co.		
7	6556'	1050	HOWC Co.		

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 6556 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 2, 1949 Put to producing April 2, 1949

The production for the first 24 hours was 600 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 41 degrees

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

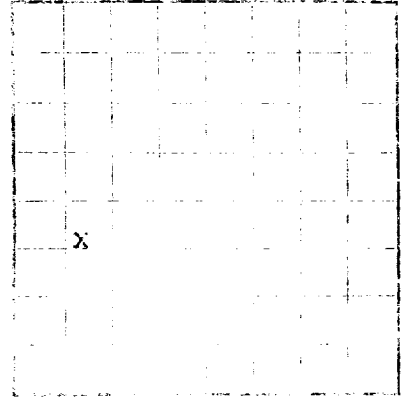
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. C. McNelly, Driller W. L. Proctor, Driller
L. D. Irwin, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	525	525	Redbed
2525	1082	557	Redbed and shells
1082	1162	80	Redbed and anhydrite
1162	2462	1300	Anhydrite and salt
2462	2623	161	Anhydrite
2623	2680	57	Anhydrite and lime
2680	6556	3876	Lime



DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company: Continental Standard of Texas - Midland, New Mexico
Operator: E. M. Mitchell Refining Co., Midland, New Mexico
District Foreman: H. M. Stanfield-Hobbs-7, District Foreman
Casing No.: 6718/27.5, 6718/27.5, 6718/27.5
Date: April 21, 1949

Well was drilled to total depth of 6550' in limestone.
Well was not shot.
Well was acidized with 500 gallons from 6461' to 6479'.
Casing was performed 6461-6479' with 54 shots, 6410-6424' with 87 shots and 6439-6452' with 78 shots.
Completed for initial potential of 600 barrels oil, no water, in 24 hours, based on 6-hour test of 150 barrels oil, not water, flowing through 2-3/4" tubing, with 683 MCF gas.
GOR 1138, tubing pressure 59#, casing pressure 400#.
Pay: Drinker from 6410' to 6479'.
Gravity of oil: 47 degrees.
Pipe line connection: Shell Pipe Line Company
Derrick floor: 40' above ground
Date total depth reached: 3-24-49
Date completion test: 4-2-49
The summary on this page is the result of the well as above data.

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 "struck off" 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 packers were put in to test for water, state kind of material used, position, and results of pumping or balling.

FROM-	TO-	TOTAL FEET	FORMATION
6550	6526	324	lime
6526	6580	554	shaly limestone
6580	6623	443	shaly limestone
6623	6702	79	shaly limestone
6702	6782	80	shaly limestone
6782	6825	43	shaly limestone
6825	6850	25	shaly limestone
6850	6880	30	shaly limestone
6880	6900	20	shaly limestone
6900	6950	50	shaly limestone
6950	7000	50	shaly limestone
7000	7050	50	shaly limestone
7050	7100	50	shaly limestone
7100	7150	50	shaly limestone
7150	7200	50	shaly limestone
7200	7250	50	shaly limestone
7250	7300	50	shaly limestone
7300	7350	50	shaly limestone
7350	7400	50	shaly limestone
7400	7450	50	shaly limestone
7450	7500	50	shaly limestone
7500	7550	50	shaly limestone
7550	7600	50	shaly limestone
7600	7650	50	shaly limestone
7650	7700	50	shaly limestone
7700	7750	50	shaly limestone
7750	7800	50	shaly limestone
7800	7850	50	shaly limestone
7850	7900	50	shaly limestone
7900	7950	50	shaly limestone
7950	8000	50	shaly limestone
8000	8050	50	shaly limestone
8050	8100	50	shaly limestone
8100	8150	50	shaly limestone
8150	8200	50	shaly limestone
8200	8250	50	shaly limestone
8250	8300	50	shaly limestone
8300	8350	50	shaly limestone
8350	8400	50	shaly limestone
8400	8450	50	shaly limestone
8450	8500	50	shaly limestone
8500	8550	50	shaly limestone
8550	8600	50	shaly limestone
8600	8650	50	shaly limestone
8650	8700	50	shaly limestone
8700	8750	50	shaly limestone
8750	8800	50	shaly limestone
8800	8850	50	shaly limestone
8850	8900	50	shaly limestone
8900	8950	50	shaly limestone
8950	9000	50	shaly limestone
9000	9050	50	shaly limestone
9050	9100	50	shaly limestone
9100	9150	50	shaly limestone
9150	9200	50	shaly limestone
9200	9250	50	shaly limestone
9250	9300	50	shaly limestone
9300	9350	50	shaly limestone
9350	9400	50	shaly limestone
9400	9450	50	shaly limestone
9450	9500	50	shaly limestone
9500	9550	50	shaly limestone
9550	9600	50	shaly limestone
9600	9650	50	shaly limestone
9650	9700	50	shaly limestone
9700	9750	50	shaly limestone
9750	9800	50	shaly limestone
9800	9850	50	shaly limestone
9850	9900	50	shaly limestone
9900	9950	50	shaly limestone
9950	10000	50	shaly limestone