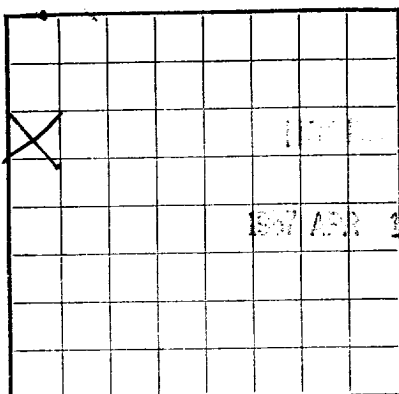


COPY TO

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

Form 9-330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM-0889
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Ralph Lowe Address Box 832, Midland, Texas
Lessor or Tract M. D. Self Field Undesignated State New Mexico
Well No. 4 Sec. 6 T. 26 R. 38 Meridian NMP County Lea
Location 1651.98 ^{NX} of N Line and 329 ^{Ex} _W of W Line of Sec. 6-26-38E Elevation 3030
(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

W. D. TaylorDate April 8, 1957Title Agent

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

Commenced drilling March 17, 1957 Finished drilling March 29, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3231 to 3330 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>32</u>	<u>8</u>	<u>J-55</u>	<u>435</u>	<u>Reg</u>	<u>0</u>			<u>Surface</u>
<u>5 1/2</u>	<u>14</u>	<u>8</u>	<u>J-55</u>	<u>330</u>	<u>Reg</u>	<u>0</u>			<u>Oil</u>
Perforated from <u>3231-16</u> , <u>3249-69</u> , <u>3274-99</u> , <u>3303-13</u> and <u>3316-20</u> with <u>ream</u> <u>and</u> <u>6</u> <u>holes</u> <u>per</u> <u>ft.</u>									
HISTORY OF OIL OR GAS WELL									

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>435</u>	<u>300</u>	<u>Pump</u>		
<u>5 1/2</u>	<u>3330</u>	<u>650</u>	<u>Pump</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 0 feet to 3330 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing April 7, 1957

The production for the first 24 hours was 230 barrels of fluid of which 99.8% was oil; _____% emulsion; _____% water; and .2% sediment. Gravity, °Bé. 40.6

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
<u>0</u>	<u>700</u>	<u>700</u>	<u>Sand & Shale</u>
<u>700</u>	<u>900</u>	<u>200</u>	<u>Sand, Shale & Salt</u>
<u>900</u>	<u>2250</u>	<u>1350</u>	<u>Salt, sand & anhy. Base of salt 2250</u>
<u>2250</u>	<u>2420</u>	<u>170</u>	<u>Anhy. & Dolo. Top of Yates 2420</u>
<u>2420</u>	<u>2690</u>	<u>270</u>	<u>Sand, anhy & dolo. Top 7 Rivers 2690</u>
<u>2690</u>	<u>3133</u>	<u>443</u>	<u>Sand, anhy, shale & Dolo. Top Queen 3133</u>
<u>3133</u>	<u>3231</u>	<u>98</u>	<u>Sand, anhy & Dolo. Top Penrose 3231</u>
<u>3231</u>	<u>3330</u>	<u>99</u>	<u>Sand & Dolo. T.D.</u>

E.L.

FROM

TO

TOTAL FEET

FORMATION

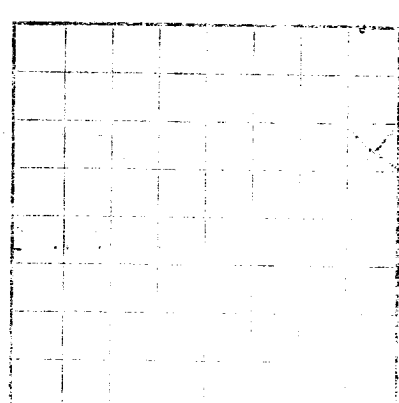
16-48094-3

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

U. S. LAND OFFICE
SERIAL NUMBER
PERMIT TO PROSPECT



Location of well, Township, Range, Section, and County.
Name of well.
Date of completion.
Name of operator.
Name of driller.
Name of engineer.

OIL OR GAS SANDS OR ZONES

Depth from surface to top of zone.
Depth from surface to bottom of zone.
Description of zone.

WATER RECORD

Depth from surface to top of water.
Depth from surface to bottom of water.
Description of water.

HISTORY OF OIL OR GAS WELL

DATE	DESCRIPTION	DEPTH	TEMPERATURE	PRESSURE	FLOW	REMARKS
1900	Drilling started	0				
1901	Drilling continued	100				
1902	Drilling continued	200				
1903	Drilling continued	300				
1904	Drilling continued	400				
1905	Drilling continued	500				
1906	Drilling continued	600				
1907	Drilling continued	700				
1908	Drilling continued	800				
1909	Drilling continued	900				
1910	Drilling continued	1000				
1911	Drilling continued	1100				
1912	Drilling continued	1200				
1913	Drilling continued	1300				
1914	Drilling continued	1400				
1915	Drilling continued	1500				
1916	Drilling continued	1600				
1917	Drilling continued	1700				
1918	Drilling continued	1800				
1919	Drilling continued	1900				
1920	Drilling continued	2000				
1921	Drilling continued	2100				
1922	Drilling continued	2200				
1923	Drilling continued	2300				
1924	Drilling continued	2400				
1925	Drilling continued	2500				
1926	Drilling continued	2600				
1927	Drilling continued	2700				
1928	Drilling continued	2800				
1929	Drilling continued	2900				
1930	Drilling continued	3000				
1931	Drilling continued	3100				
1932	Drilling continued	3200				
1933	Drilling continued	3300				
1934	Drilling continued	3400				
1935	Drilling continued	3500				
1936	Drilling continued	3600				
1937	Drilling continued	3700				
1938	Drilling continued	3800				
1939	Drilling continued	3900				
1940	Drilling continued	4000				
1941	Drilling continued	4100				
1942	Drilling continued	4200				
1943	Drilling continued	4300				
1944	Drilling continued	4400				
1945	Drilling continued	4500				
1946	Drilling continued	4600				
1947	Drilling continued	4700				
1948	Drilling continued	4800				
1949	Drilling continued	4900				
1950	Drilling continued	5000				
1951	Drilling continued	5100				
1952	Drilling continued	5200				
1953	Drilling continued	5300				
1954	Drilling continued	5400				
1955	Drilling continued	5500				
1956	Drilling continued	5600				
1957	Drilling continued	5700				
1958	Drilling continued	5800				
1959	Drilling continued	5900				
1960	Drilling continued	6000				
1961	Drilling continued	6100				
1962	Drilling continued	6200				
1963	Drilling continued	6300				
1964	Drilling continued	6400				
1965	Drilling continued	6500				
1966	Drilling continued	6600				
1967	Drilling continued	6700				
1968	Drilling continued	6800				
1969	Drilling continued	6900				
1970	Drilling continued	7000				
1971	Drilling continued	7100				
1972	Drilling continued	7200				
1973	Drilling continued	7300				
1974	Drilling continued	7400				
1975	Drilling continued	7500				
1976	Drilling continued	7600				
1977	Drilling continued	7700				
1978	Drilling continued	7800				
1979	Drilling continued	7900				
1980	Drilling continued	8000				
1981	Drilling continued	8100				
1982	Drilling continued	8200				
1983	Drilling continued	8300				
1984	Drilling continued	8400				
1985	Drilling continued	8500				
1986	Drilling continued	8600				
1987	Drilling continued	8700				
1988	Drilling continued	8800				
1989	Drilling continued	8900				
1990	Drilling continued	9000				
1991	Drilling continued	9100				
1992	Drilling continued	9200				
1993	Drilling continued	9300				
1994	Drilling continued	9400				
1995	Drilling continued	9500				
1996	Drilling continued	9600				
1997	Drilling continued	9700				
1998	Drilling continued	9800				
1999	Drilling continued	9900				
2000	Drilling continued	10000				