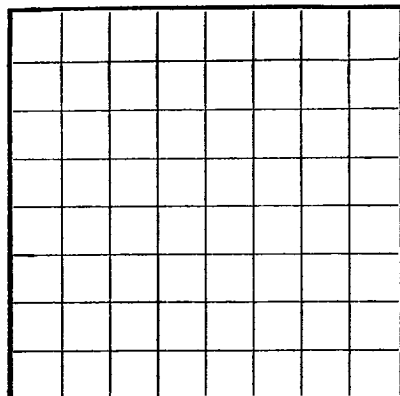


Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028793-4
LEASE OR PERMIT TO PROSPECT Burch



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-04200

LOG OF OIL OR GAS WELL

Company Grayburg Oil Co. Of New Mex. Address Artesia, New Mexico
Lessor or Tract Burch A Field Grayburg State New Mexico
Well No. 8 Sec. 19 T. 17 R. 30 Meridian NMPM County Eddy
Location 990 ft. S. of N. Line and 2310 ft. E. of N. Line of Sec. 19 Elevation _____
(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 November 8, 1937 Title Secretary

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

Commenced drilling Aug. 20, 1937 Finished drilling October 30, 1937

OIL OR GAS SANDS OR ZONES

No. 1, from 1440 to 1505 O.S. No. 4, from 2815 to 2825 O. S.
No. 2, from 2440 to 2445 O.S. No. 5, from 2965 to 2970 O. S.
No. 3, from 2763 to 2767 O.S. No. 6, from 3130 to 3135 O.S. & G.S.

IMPORTANT WATER SANDS

No. 1, from 315 to 320 No. 2, from _____ to _____
No. 3, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of pipe	Out and pulled from	Perforated		Purpose
							From—	To—	
8 1/4"	32 1/2	8	Halliburton	445	Regular				
7 1/2"	28 1/2	8	Halliburton	2825	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Amount of mud used
8 1/4"	445	50	Halliburton	Heavy Top to Bottom
7 1/2"	2825	100	Halliburton	Heavy Top to Bottom

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
		Acid	2,000	11/2	3130-3225	3225

TOOLS USED

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

DATES

Put to producing Nov. 4, 1937

The production for the first 24 hours was 20 barrels of fluid, of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment.

If gas well, cu. ft. per 24 hours _____ Gravity, °Bé. _____

Rock pressure, lbs. per sq. in. _____ Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

H. G. Ridgway, Driller
Oscar Burch, Driller
S. W. McNeal, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	15	15	Sand
15	85	70	Sand and Red Bed
85	110	25	Red Rock
110	135	25	Red Bed
135	205	80	Red Bed and Sand
205	265	100	Sand, Red Rock, & Gyp
265	315	10	Gyp
315	320	5	Sand & Gravel - Water
320	330	10	Red Bed
330	390	60	Red Rock & Gyp
390	440	50	Red Rock
440	445	5	Red Bed
445	900	455	Salt Sat. 8 1/4" Casing 445 feet
900	940	40	Anhydrite & Red Rock
940	945	5	Red Rock
945	965	20	Anhydrite & Brown shale
965	970	5	Salt
970	1000	110	Anhydrite
1000	1040	10	Anhydrite & Brown shale
1040	1140	10	Anhydrite, Red Rock & Gyp
1140	1150	10	Red Rock & Anhydrite
1150	1160	10	Red Rock
1160	1170	10	Anhydrite
1170	1180	10	Anhydrite & Red Rock
1180	1210	30	Anhydrite
1210	1255	45	Anhydrite, Gyp & Red Rock

(OVER)

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

00540-210-02

NEW 242 80 110 70 201

LOCATE WITH COBBLE. 2

[illegible]

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.

Location: 11 1/2 miles S. of the town of ...
Well No. ...
Owner or Lessee: ...
Company: ...

distances shift

100-443886-1000

SENDS NO LONGER TO THE

13. 06. 2019

[illegible]

ALL SHOW 2965-2970, 3070, 3130-3135
HOTEL LINE
CITY LINE
NIGHTLINE T.D.

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 "sidetracked," or left in the well, give its 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

U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET
1375	1379	4
1379	1385	6
1385	1390	5
1390	1395	5
1395	1400	5
1400	1405	5
1405	1410	5
1410	1415	5
1415	1420	5
1420	1425	5
1425	1430	5
1430	1435	5
1435	1440	5
1440	1445	5
1445	1450	5
1450	1455	5
1455	1460	5
1460	1465	5
1465	1470	5
1470	1475	5
1475	1480	5
1480	1485	5
1485	1490	5
1490	1495	5
1495	1500	5
1500	1505	5
1505	1510	5
1510	1515	5
1515	1520	5
1520	1525	5
1525	1530	5
1530	1535	5
1535	1540	5
1540	1545	5
1545	1550	5
1550	1555	5
1555	1560	5
1560	1565	5
1565	1570	5
1570	1575	5
1575	1580	5
1580	1585	5
1585	1590	5
1590	1595	5
1595	1600	5
1600	1605	5
1605	1610	5
1610	1615	5
1615	1620	5
1620	1625	5
1625	1630	5
1630	1635	5
1635	1640	5
1640	1645	5
1645	1650	5
1650	1655	5
1655	1660	5
1660	1665	5
1665	1670	5
1670	1675	5
1675	1680	5
1680	1685	5
1685	1690	5
1690	1695	5
1695	1700	5
1700	1705	5
1705	1710	5
1710	1715	5
1715	1720	5
1720	1725	5
1725	1730	5
1730	1735	5
1735	1740	5
1740	1745	5
1745	1750	5
1750	1755	5
1755	1760	5
1760	1765	5
1765	1770	5
1770	1775	5
1775	1780	5
1780	1785	5
1785	1790	5
1790	1795	5
1795	1800	5
1800	1805	5
1805	1810	5
1810	1815	5
1815	1820	5
1820	1825	5
1825	1830	5
1830	1835	5
1835	1840	5
1840	1845	5
1845	1850	5
1850	1855	5
1855	1860	5
1860	1865	5
1865	1870	5
1870	1875	5
1875	1880	5
1880	1885	5
1885	1890	5
1890	1895	5
1895	1900	5
1900	1905	5
1905	1910	5
1910	1915	5
1915	1920	5
1920	1925	5
1925	1930	5
1930	1935	5
1935	1940	5
1940	1945	5
1945	1950	5
1950	1955	5
1955	1960	5
1960	1965	5
1965	1970	5
1970	1975	5
1975	1980	5
1980	1985	5
1985	1990	5
1990	1995	5
1995	2000	5