

Form 9-380

U. S. LAND OFFICE **Las Cruces**

SERIAL NUMBER **028793**

166666 OF PERMIT TO PROSPECT

Hugh Burch, Assignee.

COPY

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

30-015-04194

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Grayburg Oil Company of N. M.** Address **Artesia, New Mexico**

Lessor or Tract _____ Field _____ State **New Mexico**

Well No. **2** Sec. **19** T. **17** R. **30** Meridian **NMPM** County **Eddy**

Location **1980** ft. **{N.}** of **S** Line and **660** ft. **{E.}** of **W** Line of **Sec. 19** Elevation _____
(Derriek 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 **G. U. McCrary**

Date **July 2, 1929** Title **Local Representative**

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

Commenced drilling **April 11th**, 19**29** Finished drilling **June 27th**, 19**29**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2990** to **3004** Oil show No. 4, from **1770** to **1790** Gas

No. 2, from **3035** to **3045** Oil pay No. 5, from **2435** to **2445** "

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **305** to **310** 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—	
12 1/2	50	8thd	Natl	367' 11"	reg				
10	40	8thd	Natl	900'	reg				
6 5/8	24	10thd	Natl	2865	reg.				
The 6 5/8 pipe was set with a Long Hook Wall Packer 20 feet above shoe									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12 1/2	367' 11"	15 sacks	Dumped		
10"	900'	20 sacks	Dumped		

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 _____ feet, and from _____ feet to _____ feet

Cable tools were used from **top** feet to **3112** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **test June 24th**, 19**39**

The production for the first 24 hours was **approx. 50** barrels of fluid of which **100** % was oil; _____ %

emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours **Well making approx. 1,000,000 feet gas** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

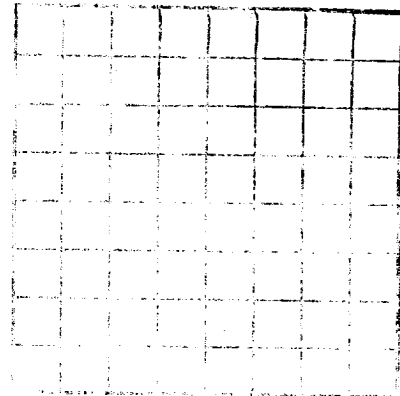
W. H. Berry, Driller **Walter Rush**, Driller

J. R. Evarts, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Gyp
10	150	140	Red Sand
150	305	155	Gyp
305	310	5	Water sand
310	360	50	Red Bed
360	430	70	Red Rock
430	435	5	Anhydrite
435	720	285	Salt
720	725	5	Anhydrite
725	890	165	Salt
890	900	10	Lime and Anhydrite
900	910	10	Lime
910	920	10	Red Rock
920	930	10	Anhydrite
930	950	20	Anhydrite and Red Rock
950	970	20	Anhydrite
970	1000	30	Lime and Anhydrite
1000	1025	25	Anhydrite
1025	1040	15	Lime - Hard
1040	1045	5	Anhydrite
1045	1070	25	Anhydrite and Lime
1070	1095	25	Red Rock
1095	1240	145	Red Rock and Anhydrite
1240	1330	90	Anhydrite
1330	1410	80	Anhydrite and Lime
1410	1460	50	Brown Lime

(over)



LOG OF OIL OR GAS WELL

30-012-0414

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

The information furnished in this report is a complete and correct record of the well and all work done thereon as far as can be determined from the available records.

Address: _____
County: _____
State: _____
Latitude: _____
Longitude: _____
Name of well: _____
Date of completion: _____
Name of operator: _____
Name of driller: _____
Name of recorder: _____

IMPORTANT WATER SAVING

Water saving is a very important factor in the production of oil and gas wells. It is the duty of the operator to take all possible steps to conserve water and to prevent its waste.

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WELL RECORD

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

FROM-	TO-	TOTAL FEET	FORMATION
1160	1190	30	Lime and gyp
1490	1510	20	Brown lime
1510	1525	15	Gray lime - Hard
1525	1545	20	Gyp and lime
1545	1570	25	Anhydrite and lime
1570	1600	30	Gray and brown lime
1600	1617	17	Lime and anhydrite
1617	1655	32	Lime
1655	1665	10	Anhydrite
1665	1725	60	Anhydrite and red rock
1725	1740	15	Red bed
1740	1760	20	Red shale - Sandy
1760	1790	30	Anhydrite and red shale
1790	1800	10	Brown lime
1800	1830	30	Lime and anhydrite
1830	1860	30	Anhydrite
1860	1890	30	Anhydrite and lime
1890	1910	20	Anhydrite
1910	1930	20	Gray lime
1930	1940	10	Anhydrite
1940	1945	5	Hard lime
1945	1950	5	Gray lime
1950	1970	20	Anhydrite
1970	2000	30	Red sand
2000	2120	120	Anhydrite
2120	2125	5	Lime Hard
2125	2150	25	Gray lime
2150	2205	55	Anhydrite and red shale
2205	2230	25	Anhydrite and lime shells
2230	2250	20	Anhydrite and red shale
2250	2260	10	Red sand
2260	2290	30	Anhydrite and red shale
2290	2320	30	Anhydrite and lime shells
2320	2330	10	Anhydrite and sandy red shale
2330	2345	15	Lime shells
2345	2375	30	Anhydrite and red shale
2375	2435	60	Gray lime
2435	2455	20	Sandy gray lime
2455	2495	40	Gray lime
2495	2515	20	Sandy gray lime
2515	2535	20	Gray lime
2535	2565	30	Sandy lime
2565	2580	15	Gray lime
2580	2600	20	Brown lime
2600	2625	25	Gray lime
2625	2640	15	White lime
2640	2650	10	Sandy lime
2650	2665	15	Gray lime
2665	2685	20	Brown lime
2685	2750	65	White lime
2750	2770	20	Gray lime
2770	2780	10	White lime
2780	2810	30	Blue shale and limestone
2810	2915	105	White lime
2915	3045	130	Gray lime
3045	3050	5	Brown lime
3050	3112	92	Gray lime