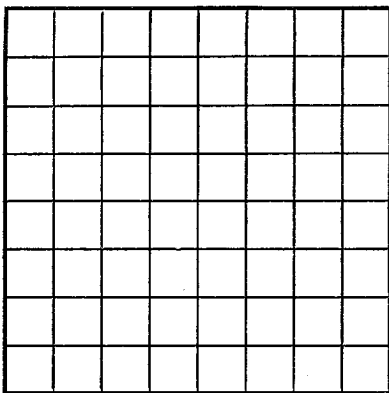


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 054988 A
LEASE OR PERMIT TO PROSPECT Berry

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Flint Production Company, Inc. Address Artesia, New Mexico
Lessor or Tract Berry Field Grayburg State New Mexico
Well No. 1-A Sec. 21 T. 17S R. 30E Meridian NMPM County ddy
Location 330 ft. [S.] of N Line and 1650 ft. [E.] of W Line of Section 21 Elevation 3663
(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 June 15, 1936

Title _____

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

Commenced drilling March 12, 1936 Finished drilling June 6, 1936

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1610 to 1615 G. S.
No. 2, from 1695 to 1700 G.
No. 3, from 2530 to 2535 G.
No. 4, from _____ to _____
No. 5, from 2877 to 2880 G. S.
No. 6, from 3165 to 3170 Oil

IMPORTANT WATER SANDS

No. 1, from 320 to 330
No. 2, from 405 to 415
No. 3, 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 1/2"</u>	<u>32 1/2"</u>	<u>8"</u>	<u>Chester</u>	<u>515'</u>	<u>Regular</u>				
<u>7"</u>	<u>24 1/2"</u>	<u>8"</u>	<u>Chester</u>	<u>2620'</u>	<u>Regular</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 1/2"</u>	<u>515'</u>	<u>50</u>	<u>Halliburton</u>	<u>Heavy Mud</u>	<u>Top to Bottom</u>
<u>7"</u>	<u>2620'</u>	<u>100</u>	<u>Halliburton</u>	<u>Heavy Mud</u>	<u>Top to Bottom</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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Top feet to 3070 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing June 9, 1936The production for the first 24 hours was 565 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 38.8

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
Tom James _____, Driller W. H. Berry _____, Driller
_____, Driller _____, Driller
J. R. Everts _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Gyp
25	100	75	Red Mud and Sandy Clay
100	170	70	Red Bed
170	225	55	Sandy Red Bed
225	250	25	Red Bed
250	295	45	Gyp
295	310	15	Red Bed
310	325	15	Gyp
325	330	5	Brown Shale
330	425	95	Gyp - Water at 370 and 415
425	475	50	Red Bed
475	515	40	Red Bed and Gyp
515	531	16	Red Clay
531	538	7	Gyp
538	995	457	Salt
995	1005	10	Gyp
1005	1020	15	Anhydrite
1020	1045	25	Anhydrite, Blue and Red Shale
1045	1090	45	Anhydrite
1090	1115	25	Anhydrite and Lime
1115	1195	80	Anhydrite
1195	1210	15	Brown Shale
1210	1215	5	Anhydrite
1215	1240	25	Anhydrite
1240	1265	25	Gyp and Pink Shale
1265	1290	25	Anhydrite, Gyp and Red Bed
1290	1315	25	Anhydrite and Brown Shale

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1315	1335	20	Anhydrite and gyp
1335	1390	55	Anhydrite
1390	1393	3	Red shale
1393	1407	14	Anhydrite
1407	1412	5	Brown shale
1412	1445	33	Anhydrite
1445	1470	25	Anhydrite and gyp
1470	1490	20	Lime
1490	1530	40	Anhydrite
1530	1570	40	Anhydrite and Gray Lime
1570	1650	80	Anhydrite—Gas Show at 1615
1650	1690	40	Anhydrite and Lime
1690	1695	5	Anhydrite
1695	1700	5	Lime—Approx. 2,000,000 cu. ft. Gas
1700	1705	5	Anhydrite
1705	1710	5	Broken Lime
1710	1745	35	Anhydrite and Lime
1745	1802	57	Anhydrite
1802	1805	3	Pink Shale
1805	1825	20	Anhydrite and Lime
1825	1920	95	Anhydrite and Broken Shale
1920	1970	50	Anhydrite
1970	1990	20	Anhydrite and Brown Shale
1990	2095	105	Anhydrite
2095	2100	5	Red Sand
2100	2223	123	Anhydrite
2223	2240	17	Gray Lime
2240	2245	5	Anhydrite
2245	2265	20	Anhydrite and Brown Shale
2265	2280	15	Anhydrite and Lime
2280	2305	25	Anhydrite and Brown Shale
2305	2325	20	Anhydrite
2325	2345	20	Red Sand and Brown Shale
2345	2395	40	Anhydrite and Brown Shale
2395	2408	13	Gray Lime
2408	2420	12	Brown Shale
2420	2427	7	Brown Lime
2427	2435	8	Anhydrite
2435	2445	10	Anhydrite and Brown Shale
2445	2450	5	Gray Lime
2450	2455	5	Anhydrite
2455	2560	105	Gray Lime—Gas Show at 2535
2560	2583	23	White Lime
2583	2646	63	Gray Lime—Oil and Gas Show at 2626
2646	2666	20	White Lime
2666	2676	10	Brown Lime
2676	2689	13	Brown and Gray Lime
2689	2695	6	White Lime
2695	2700	5	Gray Lime
2700	2705	5	White Lime
2705	2715	10	Brown Lime
2715	2720	5	White Lime
2720	2732	12	Gray Lime
2732	2748	16	White Lime
2748	2759	11	Gray Lime
2759	2767	8	Gray and Pink Lime
2767	2769	2	White Lime
2769	2775	6	Gray Lime
2775	2803	18	White Lime
2803	2836	3	Gray Lime
2836	2861	46	White Lime
2861	2867	5	White and Gray Lime

HISTORY OF OIL OR GAS WELL

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.

2857	2861	4	White Lime
2861	2867	6	Gray Lime
2867	2895	28	Gray Sandy Lime—Oil Show 2877 to 2880
2895	2942	47	Gray Lime
2942	2955	13	White Lime
2955	2997	42	Gray and White Lime
2997	3024	27	Gray Lime
3024	3039	15	White Lime
3039	3056	17	Gray Lime
3056	3061	5	Dark Gray Lime
3061	3170	109	Gray Lime TD Oil 3165 to 3170

Side well came in on June 6, 1936, and while coming out with tools, the Franklin drilling engine back-fired and caught the well on fire, during the fire, drilling line parted and the drilling tools fell to bottom. It is our plan to place new drilling equipment over this well to fish out tools and drill well approximately 50 feet deeper. When this well is up we will file proper notice, giving our plans to deepen this well.