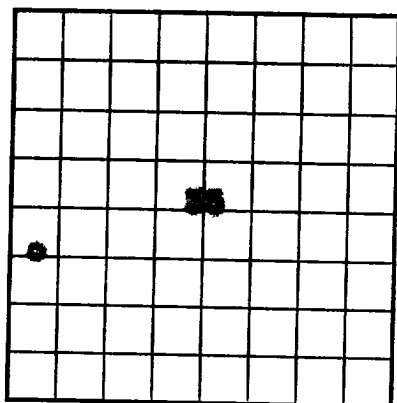




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 382974
LEASE OR PERMIT TO PROSPECT
Geo. L. Erwin (a) lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Parker Drilling Company Address 308 National Bank of Tulsa Bldg., Tulsa, Oklahoma
Lessor or Tract Geo. L. Erwin (a) Field Mattix State New Mexico
Well No. 2 Sec. 25 T24N R. 27E Meridian N.M.P.M. County Lea
Location 1996 ft. [N.] of 2 Line and 350 ft. [E.] of 1 Line of Section 25 Elevation 3191 (143)

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.

Drilled by () Signed [Signature] Title Drilling Superintendent
Date August 4, 1938

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

Commenced drilling May 6, 1938 Finished drilling July 27, 1938

OIL OR GAS SANDS OR ZONES

1996 ft. to 2000 ft. ... (Denote gas by G)
No. 1 from 2000 ft. to 2005 ft.
No. 2 from 2005 ft. to 2010 ft.
No. 3 from 2010 ft. to 2015 ft.
No. 4 from 2015 ft. to 2020 ft.
No. 5 from 2020 ft. to 2025 ft.
No. 6 from 2025 ft. to 2030 ft.

DUPLICATE

Table with 7 columns: Size casing, Weight per foot, Threads per inch, Make, Amount, Kind of shoe, Cut and pulled from. Includes data for 15-1/2 inch casing and 10-5/8 inch casing.

MUDDING AND CEMENTING RECORD

Table with 6 columns: Size casing, Where set, Number sacks of cement, Method used, Mud gravity, Amount of mud used. Includes data for 15 inch casing and 9 inch casing.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Table with 7 columns: Size, Shell used, Explosive used, Quantity, Date, Depth shot, Depth cleaned out. Includes data for 5 inch casing.

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

July 27, 1938 on test Put to producing
The production for the first 24 hours was barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, °Bé.

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

Rock pressure, lbs. per sq. in. Gas/oil ratio - 2500

EMPLOYEES

Tom Ryan, Driller S. W. Wilson, Driller
H. H. Pettigrew, Driller McPherson, Driller

FORMATION RECORD

Table with 4 columns: FROM, TO, TOTAL FEET, FORMATION. Includes data for 0 to 2400 feet depth, listing formations like Caliche, Sand and shells, Anhydrite, etc.

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

...and to send several ...

so far as can be determined from all available records.

19 70	19 71	19 72	19 73	19 74	19 75	19 76	19 77	19 78	19 79	19 80	19 81	19 82	19 83	19 84	19 85	19 86	19 87	19 88	19 89	19 90	19 91	19 92	19 93	19 94	19 95	19 96	19 97	19 98	19 99	20 00	20 01	20 02	20 03	20 04	20 05	20 06	20 07	20 08	20 09	20 10	20 11	20 12	20 13	20 14	20 15	20 16	20 17	20 18	20 19	20 20	20 21	20 22	20 23	20 24	20 25	20 26	20 27	20 28	20 29	20 30	20 31	20 32	20 33	20 34	20 35	20 36	20 37	20 38	20 39	20 40	20 41	20 42	20 43	20 44	20 45	20 46	20 47	20 48	20 49	20 50	20 51	20 52	20 53	20 54	20 55	20 56	20 57	20 58	20 59	20 60	20 61	20 62	20 63	20 64	20 65	20 66	20 67	20 68	20 69	20 70	20 71	20 72	20 73	20 74	20 75	20 76	20 77	20 78	20 79	20 80	20 81	20 82	20 83	20 84	20 85	20 86	20 87	20 88	20 89	20 90	20 91	20 92	20 93	20 94	20 95	20 96	20 97	20 98	20 99	20 00	20 01	20 02	20 03	20 04	20 05	20 06	20 07	20 08	20 09	20 10	20 11	20 12	20 13	20 14	20 15	20 16	20 17	20 18	20 19	20 20	20 21	20 22	20 23	20 24	20 25	20 26	20 27	20 28	20 29	20 30	20 31	20 32	20 33	20 34	20 35	20 36	20 37	20 38	20 39	20 40	20 41	20 42	20 43	20 44	20 45	20 46	20 47	20 48	20 49	20 50	20 51	20 52	20 53	20 54	20 55	20 56	20 57	20 58	20 59	20 60	20 61	20 62	20 63	20 64	20 65	20 66	20 67	20 68	20 69	20 70	20 71	20 72	20 73	20 74	20 75	20 76	20 77	20 78	20 79	20 80	20 81	20 82	20 83	20 84	20 85	20 86	20 87	20 88	20 89	20 90	20 91	20 92	20 93	20 94	20 95	20 96	20 97	20 98	20 99	20 00	20 01	20 02	20 03	20 04	20 05	20 06	20 07	20 08	20 09	20 10	20 11	20 12	20 13	20 14	20 15	20 16	20 17	20 18	20 19	20 20	20 21	20 22	20 23	20 24	20 25	20 26	20 27	20 28	20 29	20 30	20 31	20 32	20 33	20 34	20 35	20 36	20 37	20 38	20 39	20 40	20 41	20 42	20 43	20 44	20 45	20 46	20 47	20 48	20 49	20 50	20 51	20 52	20 53	20 54	20 55	20 56	20 57	20 58	20 59	20 60	20 61	20 62	20 63	20 64	20 65	20 66	20 67	20 68	20 69	20 70	20 71	20 72	20 73	20 74	20 75	20 76	20 77	20 78	20 79	20 80	20 81	20 82	20 83	20 84	20 85	20 86	20 87	20 88	20 89	20 90	20 91	20 92	20 93	20 94	20 95	20 96	20 97	20 98	20 99	20 00	20 01	20 02	20 03	20 04	20 05	20 06	20 07	20 08	20 09	20 10	20 11	20 12	20 13	20 14	20 15	20 16	20 17	20 18	20 19	20 20	20 21	20 22	20 23	20 24	20 25	20 26	20 27	20 28	20 29	20 30	20 31	20 32	20 33	20 34	20 35	20 36	20 37	20 38	20 39	20 40	2
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DUPPLICATE

Size inches	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Form	Notes
									It is of great importance to have a complete history of the well. The well is 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, gate fully, and if the casing was extracted or left in the well, give its size and location. If the well has been dynamited, give the size, position, and number of charges or pipes were put in to test for water, state kind of material used, position, and results of running or pulling.

MUDDING AND CEMENTING RECORD

Shale casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
18	101	30	101		
19	101	100	101		
20	101	100	101		

PLUGS AND ADAPTERS

Material—Adapters	Size	Length	Depth set
Heaving plug—Material			

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
3"	15	Solidified				
Microphotocopying 200 per 7-81-60 2400' - 2475'						
2481'						

TOOLS USED

toot	oot toot	toot and toot	oot toot	toot been used from
toot	oot toot	toot and from	oot toot	toot been used from

DATE

The production for the first 24 hours was 100 tons on test	Put to producing 10
barrels of fluid of which 10 was oil 10	10

17 gas well, cu. ft. per 24 hours	26 sediment
27 water; and	28 Gravity, °Bé.
Gallons gasoline per 1,000 cu. ft. of gas	

EMPLOYEES

Driller	11. A. A. [illegible]	Driller	11. A. A. [illegible]
Driller	11. A. A. [illegible]	Driller	11. A. A. [illegible]

FORMATION RECORD

FORMATION	TOTAL FEET	TO -	FROM -
Hard lime	10	8400	8400
Medium brown lime	10	8390	8390
Hard lime	70	8380	8380
Medium lime	5	8375	8375
Hard grey lime	302	8370	8370
Hard grey lime	18	8352	8352
Hard grey lime	302	8334	8334
Hard grey lime	18	8316	8316
Medium brown lime	10	8306	8306
Hard lime	70	8296	8296
Medium brown lime	10	8286	8286
Hard lime	150	8276	8276
Medium brown lime	10	8266	8266
Hard lime	70	8256	8256
Medium brown lime	10	8246	8246
Hard lime	70	8236	8236
Medium brown lime	10	8226	8226
Hard lime	70	8216	8216
Medium brown lime	10	8206	8206
Hard lime	70	8196	8196
Medium brown lime	10	8186	8186
Hard lime	70	8176	8176
Medium brown lime	10	8166	8166
Hard lime	70	8156	8156
Medium brown lime	10	8146	8146
Hard lime	70	8136	8136
Medium brown lime	10	8126	8126
Hard lime	70	8116	8116
Medium brown lime	10	8106	8106
Hard lime	70	8096	8096
Medium brown lime	10	8086	8086
Hard lime	70	8076	8076
Medium brown lime	10	8066	8066
Hard lime	70	8056	8056
Medium brown lime	10	8046	8046
Hard lime	70	8036	8036
Medium brown lime	10	8026	8026
Hard lime	70	8016	8016
Medium brown lime	10	8006	8006
Hard lime	70	7996	7996
Medium brown lime	10	7986	7986
Hard lime	70	7976	7976
Medium brown lime	10	7966	7966
Hard lime	70	7956	7956
Medium brown lime	10	7946	7946
Hard lime	70	7936	7936
Medium brown lime	10	7926	7926
Hard lime	70	7916	7916
Medium brown lime	10	7906	7906
Hard lime	70	7896	7896
Medium brown lime	10	7886	7886
Hard lime	70	7876	7876
Medium brown lime	10	7866	7866
Hard lime	70	7856	7856
Medium brown lime	10	7846	7846
Hard lime	70	7836	7836
Medium brown lime	10	7826	7826
Hard lime	70	7816	7816
Medium brown lime	10	7806	7806
Hard lime	70	7796	7796
Medium brown lime	10	7786	7786
Hard lime	70	7776	7776
Medium brown lime	10	7766	7766
Hard lime	70	7756	7756
Medium brown lime	10	7746	7746
Hard lime	70	7736	7736
Medium brown lime	10	7726	7726
Hard lime	70	7716	7716
Medium brown lime	10	7706	7706
Hard lime	70	7696	7696
Medium brown lime	10	7686	7686
Hard lime	70	7676	7676
Medium brown lime	10	7666	7666
Hard lime	70	7656	7656
Medium brown lime	10	7646	7646
Hard lime	70	7636	7636
Medium brown lime	10	7626	7626
Hard lime	70	7616	7616
Medium brown lime	10	7606	7606
Hard lime	70	7596	7596
Medium brown lime	10	7586	7586
Hard lime	70	7576	7576
Medium brown lime	10	7566	7566
Hard lime	70	7556	7556
Medium brown lime	10	7546	7546
Hard lime	70	7536	7536
Medium brown lime	10	7526	7526
Hard lime	70	7516	7516
Medium brown lime	10	7506	7506
Hard lime	70	7496	7496
Medium brown lime	10	7486	7486
Hard lime	70	7476	7476
Medium brown lime	10	7466	7466
Hard lime	70	7456	7456
Medium brown lime	10	7446	7446
Hard lime	70	7436	7436
Medium brown lime	10	7426	7426
Hard lime	70	7416	7416
Medium brown lime	10	7406	7406
Hard lime	70	7396	7396
Medium brown lime	10	7386	7386
Hard lime	70	7376	7376
Medium brown lime	10	7366	7366
Hard lime	70	7356	7356
Medium brown lime	10	7346	7346