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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico
1947

MONITOR

Deepened from 2551' to 4196'
WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLYLeonard Oil Company
Company or OperatorState B-1266
Lease

Well No. 8 in SW 1/4 of Sec. 21, T. 17 North

R. 29 East, N. M. P. M. Grayburg-Jackson Field, Day County.

Well is 4103 feet south of the North line and 1230 feet west of the East line of Sec. 21

If State land the oil and gas lease is No. B-1266 Assignment No. —

If patented land the owner is — Address —

If Government land the permittee is — Address —

The Lessee is Leonard Oil Company Address Roswell, New Mexico

Drilling commenced August 1, 1947 Drilling was completed November 7, 1947

Name of drilling contractor Roach & Shepard Address Artesia, New Mexico

Elevation above sea level at top of casing 3566 feet.

The information given is to be kept confidential until — 19 —

OIL SANDS OR ZONES

No. 1, from 2372 to 2382 No. 4, from 2746 to 2750

No. 2, from 2602 to 2612 No. 5, from 3621 to 3639

No. 3, from 2639 to 2644 No. 6, from — to —

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from — to — feet.

No. 2, from — to — feet.

No. 2, from — to — feet.

No. 4, from — to — feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
8"				2551'				
7"	264			2381'				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
Cemented hole in 7" casing 62' from surface with 65 sacks Trinity Cement between 7" and 8" pipe - Work done by Halliburton						

PLUGS AND ADAPTERS

Heaving plug—Material — Length — Depth Set —

Adapters—Material — Size —

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Acid	1000 gal.	10/16-47	2680' to 2715'	
		"	2500 "	10/25-47	2685' to 2725'	
		"	5000 "	10/21-47	2680' to 2735'	

Results of shooting or chemical treatment —

Increases from 4 Bbls. to 41 Bbls. oil per day

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from — feet to — feet, and from — feet to — feet

Cable tools were used from 2221' feet to 4196' feet, and from — feet to — feet

Plugged back from 4196' to 3328' PRODUCTION

Put to producing November 10, 1947

The production of the first 24 hours was 41 barrels of fluid of which 100 % was oil; — % emulsion; — % water; and — % sediment. Gravity, Be 37

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

Rock pressure, lbs. per sq. in. —

EMPLOYEES

Clarence Roach	Driller	Pyatt	Driller
E. J. Shepard	Driller	Hill	Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 13th

day of November, 1947

Edna Mae Rear

Roswell, New Mexico, Nov. 13, 1947

Name Emmet J. White

Position Secretary-Treasurer

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
2281	2305	24	Gray Lime
2305	2327	22	Gray Lime
2327	2337	10	Gray Lime
2337	2349	12	Gray Lime
2349	2361	12	Lime - White
2361	2372	11	Lime
2372	2382	10	Gray Lime - Gas-Oil show
2382	2401	19	Pink Lime
2401	2412	11	Lime
2412	2432	20	Gray Lime
2432	2454	22	Lime
2454	2466	12	White Lime
2466	2480	14	Lime
2480	2498	18	Gray Lime
2498	2508	10	Sandy Lime
2508	2528	20	Gray Lime
2528	2533	5	Lime
2533	2563	30	Gray Lime
2563	2572	9	Lime
2572	2590	18	Gray Lime
2590	2599	9	Lime
2599	2602	3	Gray Lime - Gas increase
2602	2612	10	Gray Lime - Oil Show
2612	2622	10	Gray Lime
2622	2635	13	Lime
2635	2639	4	Gray Lime
2639	2644	5	Gray Lime - Oil Show
2644	2656	12	Gray Lime
2656	2667	11	Lime
2667	2695	18	Gray Lime
2695	2714	19	Lime
2714	2727	13	Gray Lime
2727	2746	19	Lime
2746	2750	4	Gray Lime - Tested well 2 hrs. made 6 gal oil per hr.
2750	2758	8	Lime
2758	2840	82	Lime
2840	2879	39	Lime
2879	2893	14	Lime - Small show of oil
2893	2985	92	Lime
2985	3044	59	Lime
3044	3102	58	Lime
3102	3155	53	Lime
3155	3225	70	Lime
3225	3235	10	Lime - Tested well 2 hrs. made 8 gal. oil per hr.
3235	3294	59	Lime
3294	3301	7	Brown Lime
3301	3305	4	Lime
3305	3310	5	Sand
3310	3313	3	Lime - Testing well shows small amount water - 1 Gal. hr.
3313	3318	5	Sand
3318	3328	10	Sandy Lime
3328	3335	7	Lime - Testing made 7 1/2
3335	3342	7	Lime - Tested well 2 hrs. 8 gal. oil & 4 gal. water hr.
3342	3355	13	Gray Lime
3355	3445	90	Lime
3445	3455	10	Sandy Lime - Tested well 1 hr. same amount fluid as previous tests
3455	3518	63	Lime
3518	3527	9	Black Lime
3527	3544	17	Gray Lime
3544	3572	28	Lime
3572	3590	18	Lime - tested hole 1 hr. no change in fluid
3590	3604	14	Gray Lime
3604	3621	17	Lime
3621	3639	18	Lime - 3 gal. increase oil hr. 3621-3630 - 13 gal. fluid in 1 hr. test
3639	3650	11	Dark Lime
3650	3665	15	Lime - Tested 1 hr. made 13 gal. fluid
3665	3726	61	Lime
3726	3734	8	Lime - tested fluid 1 hr.
3734	3754	20	Lime
3754	3770	16	Lime - Tested well 1 hr. made 10 3/8 gal. fluid
3770	3802	32	Lime
3802	3813	11	Lime - tested well 1 1/3 hr. made 20 gal. fluid
3813	3837	24	Lime
3837	3844	7	Sandy Lime - G/O mettle
3844	3859	15	Sandy Lime - Tested well 3 1/2 hrs. made 25 gal oil & 35 gal. water
3859	3869	10	Lime
3869	3898	29	Sandy Lime
3898	3907	9	Lime
3907	3919	12	White Lime
3919	3930	11	Lime - Tested well 2 hrs. made 16 1/2 gal. fluid per hr.
3930	3943	13	Lime - Tested well 1 hr. made 14 gal fluid - tested at 3934
3943	3948	5	Tested 2 one hr. tests - first 12" in bbl. 2nd - 11 inches
3948	3956	8	Lime - Tested 1 hr. 11 gal hr.
3956	3962	6	Lime
3962	4007	45	Lime
4007	4014	7	Lime - tested well 1 hr. made 15 3/4 gal fluid
4014	4155	141	Lime
4155	4159	4	Lime - Tested well 2 1/2 hrs. increase 14 gal. water hr from 4146 to 4155
4159	4177	18	Lime
4177	4192	15	Lime - Tested hole making 35 1/2 gal. per hr.
4192	4196	4	Corrected measurement