

FORM C-105

N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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 CORRECTLY

Grayburg Oil Company of New Mexico

Loco Hills, New Mexico

Keely "B" Well No. 13 in NW SE NE of Sec. 26, T. 17S

R. 29E, N. M. P. M., Grayburg-Jackson Field, Eddy County.

Well is 1345 feet south of the North line and 1295 feet west of the East line of Sec. 26

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is, Address

If Government land the permittee is, Address

The Lessee is Grayburg Oil Co. of N. M., Address Loco Hills, N. M.

Drilling commenced Nov. 22, 1947 19 Drilling was completed Feb. 18, 1948 19

Name of drilling contractor Company, Address

Elevation above sea level at top of casing 3588 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 2835 to 2870 No. 4, from to

No. 2, from 2935 to 3050 No. 5, from to

No. 3, from 3435 to 3535 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. 3, 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
10-3/4	42#			914	Reg.			Salt String
7	20#	8 rd.		3420	Float			
7	20#	8 rd.		2820	None			Prod. String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/8	10-3/4	914	300	Halliburton		Cement to surface
9-7/8	7	3420	125	"	9.2# / gal.	To surface
Above string knocked off at 3050 and pulled back to 2820						
9-7/8	7	2820	210	Halliburton	9.2# / gal.	To surface

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
		20% HCL	1000	3-27-47	3450-3557	
		20% HCL	3000	3-29-47	3450-3557	
		20% HCL	1500	8-15-57	2829-3050	
		20% HCL	3500	8-16-47	2829-3050	

Results of shooting or chemical treatment

Results of treatments at 3450' - 3557' negligible

After treatments at 2829 - 3050 well flowed 762 bbls oil in 17 hours

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 0 feet to 5076 feet, and from feet to feet.

Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to producing August 18, 1947, 19

The production of the first 24 hours was 229 barrels of fluid of which 100 % was oil; %

emulsion; % water; and % sediment. Gravity, Be

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

S. Martin, Driller B. R. Vaughn, Driller

J. H. Looney, Driller, 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 28th Loco Hills, New Mexico Aug. 28, 1947

Place

Date

day of August, 19 47

Name R. J. Heard

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	170		Red bed
170	290		Red bed & gyp
290	446		red bed and Streak of gyp
446	544		red bed - salt - anhy
544	600		anhy & potash
600	710		salt & anhy
710	767		anhy, potash, salt
767	775		broken salt
775	802		anhy
802	853		anhy - streaks of red bed
853	865		anhy. salt streaks
865	950		anhy & lime
950	990		anhy
990	1027		broken red rock and anhy
1027	1047		anhy
1047	1075		anhy, broken gray lime
1075	1080		red rock - anhy
1080	1086		anhy
1086	1382		anhy & red rock
1382	1532		anhy
1532	1682		anhy & gyp
1682	2206		anhy & red rock
2206	2245		anhy & lime
2245	2278		anhy - brown lime - shale
2278	2290		red rock & anhy
2290	2524		lime
2524	2530		Break red rock & lime
2530	2695		lime
2695	2707		lime & sand
2707	2741		lime
2741	2753		lime & sand streaks
2753	2743		Pipe correction
2743	2750		lime
2750	2778		sandy lime
2778	2792		lime
2792	2794		sandy lime
2794	2798		lime
2798	2805		lime & sand
2805	2820		lime
2820	2824		sandy lime
2824	2832		lime
2832	2840		sandy lime
2840	2845		lime
2845	2850		lime and sand
2850	2852		lime
2852	2872		sandy lime
2872	2980		lime
2980	2997		sandy lime
2997	3022		lime
3022	3172		lime
3172	3185		lime & gyp
3185	3198		sandy lime - gas
3198	3379		lime
3379	3444		lime & gyp
3444	3497		sandy lime
3497	3511		lime
3511	3512		shell
3512	3563		lime
3563	3574		lime & hard sand
3574	3584		hard sand
3584	3600		hard sandy lime
3600	3671		lime
3671	3689		sandy lime
3689	3747		lime
3747	3752		sandy lime
3752	3758		hard sand
3758	4014		lime
4014	4020		hard sand
4020	4067		sandy lime
4067	4083		lime
4083	4095		lime & shells
4095	4390		lime
4390	5063		lime
5063	5076 SLM		Total Depth