FORM C-105

DUPLICATE

N.

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Tide Water Oil Company — State D (Lease)
Company or Operator

Well No. 12 in SE¼ of Sec. 16, T. 21 R. 36, N. M. P. M., Eunice Field, Lea County.

Well is 660 feet south of the North line and 1980 feet west of the East line of

If State land the oil and gas lease is No. B-1889, Assignment No.

If patented land the owner is , Address

If Government land the permittee is , Address

The Lessee is Tide Water Oil Company, Address Box 731 Tulsa, Okla

Drilling commenced 2/1/36, 19 , Drilling was completed 3/28/36, 19

Name of drilling contractor Manderville & Thompson, Address Chickasha, Okla

Elevation above sea level at top of casing 3614 feet.

The information given is to be kept confidential until , 19

OIL SANDS OR ZONES

No. 1, from 3825' to 3834' No. 4, from 3895' to 3900'

No. 2, from 3844' to 3849' No. 5, from to

No. 3, from 3857' to 3864' 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 254' to 265' 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	PERFORATED TO	PURPOSE
10-3/4"	40	8	LTB	274					Surface
7-5/8"OD	26.40	10	SS	1538	Larkin				Top Salt
5½"OD	17	10	SS	3809					Oil String
2-3/8"	4.7	10	SS	3899	61 of bottom joint perf w/slots				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15	10-3/4	288	150	Halliburton	11#	Hole Full
9-7/8	7-5/8	1549	400			
6-3/4	5½"OD	3809	325			

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

Results of shooting or chemical treatment Well would not flow natural, with outside gas turned in tubing well made 126-bbls oil in 12-hours. Was treated W/2000-gallon Dowell X acid, after treatment well made 216-bbls per hour.

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.

Drill stem test from 3750' to 3805', open 15-minutes, showed 120' drg mud

TOOLS USED

Rotary tools were used from 0 feet to 3900' feet, and from feet to feet

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

PRODUCTION

Put to producing March 28, 1936, 19

The production of the first 24 hours was 5184 barrels of fluid of which 99.3 % was oil; 4/10 % emulsion; 3/10 % water; and % sediment. Gravity, Be 35.6 after treating W/2000-gals. Dowell acid

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

John Martin, Driller Carl Higgins, Driller

Harry Woodard, 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 1 day of April, 1936

Patricia Mahoney

3/31/36 Hobbs, New Mexico
Place, Date

Name J. Schmidle

Position Prod. Sup't

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Caliche
20	254	234	Sand & Shells
254	270	16	Sand & Red Rock
270	295	25	Shale & Shells
295	306	11	Red Rock & Red Bed
306	350	44	Red Bed
350	440	90	Shale & Shells
440	480	40	Sand
480	995	515	Shale & Shells
995	1070	75	Hard Lime & Streaks of Shale
1070	1137	67	Sand & Shale
1137	1180	43	Shale & Shells
1180	1185	5	Red Rock
1185	1190	5	Sand & Shale
1190	1210	20	Hard Sand
1210	1240	30	Sand & Shale
1240	1250	10	Hard Sand
1250	1293	43	Shale & Shells
1293	1330	37	Red Rock
13390	1370	40	Shale & Shells
1370	1405	35	Shale & Sand
1405	1560	155	Anhydrite
1560	1600	40	Anhydrite & Shale
1600	1655	55	Salt & Shale
1655	1730	75	Salt & Anhydrite
1730	1780	50	Salt & Shale
1780	1810	30	Sandy Shale
1810	1930	120	Salt & Shale
1930	2050	120	Salt
2050	2233	204	Salt & Anhydrite
2233	2412	179	Salt
2412	2631	219	Salt & Anhydrite
2631	2695	64	Salt
2695	2768	27	Salt & Anhydrite
2768	2780	12	Salt & Potash
2780	2786	6	Anhydrite
2786	2792	6	Anhydrite & Potash
2792	2817	25	Anhydrite & Gyp
2817	2859	42	Anhydrite
2859	2918	59	Anhydrite & Gyp
2918	2934	16	Anhydrite
2934	2937	3	Gyp
2937	2942	5	Anhydrite
2942	2955	13	Anhydrite & Gyp
2955	2978	23	Anhydrite
2978	2997	19	Anhydrite & Gyp
2997	3015	18	Lime
3015	3040	25	Brown Lime & Anhydrite
3040	3075	35	Brown Lime
3075	3108	33	Brown Lime (Gas)
3108	3168	60	Brown Lime & Sand (Gas)
3168	3178	10	Shale & Gyp
3178	3182	4	Brown Lime (Gas)
3182	3221	39	Brown Lime & Shale
3221	3243	22	Brown Lime
3243	3278	35	Lime & Anhydrite
3278	3294	16	Brown Lime
3294	3306	12	Lime & Shale
3306	3315	9	Brown Lime
3315	3332	17	Brown Lime
3332	3368	36	Lime & Sand
3368	3375	17	Brown Lime
3375	3393	18	Lime & Sand
3393	3413	20	Brown Lime & Anhydrite
3413	3485	72	Brown Lime & Shale
3485	3546	61	Lime & Anhydrite
3546	3570	24	Lime & Shale (Gas)
3570	3586	16	Lime
3586	3609	23	Brown Lime & Sand
3609	3634	25	Sand & Shale
3634	3662	28	Lime & Shale
3662	3723	62	Lime & Sand
3723	3750	27	Lime Sand & Shale
3750	3803	53	Lime
3803	3825	22	Lime & Sand
3825	3834	9	Lime (Shelline)
3834	3844	10	Grey Lime
3844	3849	5	Brown & Grey Lime (Oil)
3849	3857	8	Hard Grey Lime
3857	3864	7	Brown & Grey Lime (Oil)
3864	3870	6	Hard Lime
3870	3895	25	Grey & Brown Lime (Oil)
3895	3900	5	Brown Lime (Oil Best Pay) TD