FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

N.

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Locke-Taylor Drilling Co. (Company or Operator) Santa Fe Pacific Railroad (Lease)

Well No. 1 in ______ of Sec. 9, T. 18 N.,

R. 10 W, N. M. P. M. Seven Lakes Field, McKinley County.

Well is 990 feet south of the North line and 2310 feet west of the East line of Sec. 9

If State land the oil and gas lease is No. 0 Assignement No. 0.

If patented land the owner is Santa Fe Pacific Railroad Co., Address Albuquerque, N. M.

If Government land the permittee is 0, Address 0

The Lessee is 0, Address 0

Drilling commenced Mar. 16, 1951 Drilling was completed May 12 1952

Name of drilling contractor Self, Address 801 Second Ave., Durango, Colo

Elevation above sea level at top of casing ______ feet.

The information given is to be kept confidential until 0 19____.

OIL SANDS OR ZONES

No. 1, from 270 to 282 No. 4, from ______ to ______

No. 2, from 435 to 450 - water below oil. No. 5, from ______ to ______

No. 3 from 560 to 562 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 365 to 375 feet. Raised 125 ft. over night.

No. 2 from 415 to 435; 562 to 568; 715 to 725; 763 to 885 (sulphur); 915 to 1008;

No. 3, from 1040 to 1145; 1315 to 1395; 1417 to 1420; 1490 to 1520; 1565 to 1780; (salty). (Artesian)

No. 4 from 1950 to 1960; 1963 to 1999; 2003 to 2155; 2850 to 2855; (sulphur); 2925 to 2930; 2945 to 2965; 2965 to 3047; (150 ft. from top). 3052 to 3117.

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	45	8 rd.	0	572'10"	Plain				Shut-off
8 5/8	32	10	0	1001'2"	Plain				Shut-off
7"	20	8 rd.	0	2157'7"	Plain				Shut-off
5½"	14	8 rd.	0	3048'10"	Plain				Shut-off

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
No casing cemented. Plugging record at bottom of formation record, on other side.						

PLUGS AND ADAPTERS

Heaving plug—Material NONE. 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
		NONE.				

Results of shooting or chemical treatment ______

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 ______ feet, and from ______ feet to ______ feet.

Top to bottom.

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

PRODUCTION

Put to producing 0, 19____

The production of the first 24 hours was ______ barrels of fluid of which ______% 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

W. T. Wells, Driller Harry Woods, Driller

Frank Woods, Driller Lloyd B. Taylor, Pusher, ~~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.

Durango Colo. (Place) ______ (Date)

Name Lloyd R. Locke

Position Partner

Representing Locke Taylor Drilling Co. (Company or Operator.)

Address Durango Colo -

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
1	2	1	Gray Soil
2	7	2	Yellow Sand Stone
7	25	18	Blue shale
25	40	15	Gray Sand
40	65	25	Blue Shale
65	85	20	Sandy Shale
85	90	5	Blue Shale
90	110	20	Gray Sandy Shale
110	125	15	Blue Shale
125	165	40	Gray Sandy Shale
165	175	10	Brown shale
175	185	10	Gray Shale
185	195	10	Brown Shale
195	245	50	Gray Sandy Shale
245	250	5	Gray Shale
250	270	20	Gray Sand
270	282	12	Gray Sand (Oil - 12 ft. oil sand - first oil show 270 ft.)
282	365	83	Gray Sand
365	375	10	Water Sand (125 ft. water in hole)
375	415	40	Gray Shale
415	435	20	Water Sand
435	450	15	Gray Sandy Shale (Good oil show with water)
450	465	15	Brown Shale
465	550	85	Gray Shale Dark
550	560	10	Gray Shale (Good Oil show - 150 ft. water)
560 (water)	568	8	Dark Gray Hard sand
568	600	32	Gray Shale
600	635	35	Brown Shale
635	650	15	Water Sand
650	660	10	Gray Sandy Shale
660	665	5	Brown Shale
665	715	50	Gray Sandy Shale
715	725	10	Hard Gray Sand (Water 150 ft. over night)
725	750	25	Gray Shale
750	755	5	Gray Sandy Shale
755	763	8	Coal
763	885	122	Water Sand - Sulphur water (Water came 430 ft. from top of hole)
885	905	20	Shale
905	915	10	Gray Shale
915	1001	86	Water Sand (Came 310 from Top of hole)
1001	1025	24	Brown shale
1025	1140	115	Gray Sandy Shale
1140	1145	5	Soft Sand (2 Bailers water over night)
1145	1315	170	Gray Shale (Hard sand 1390)
1315	1395	80	Gray Water sand (Water came to 150 top of Hole)
1395	1417	22	Gray Shale
1417	1420	3	White Water Sand (300 ft. Water in Hole)
1420	1460	40	Gray Shale
1460	1490	30	Gray Sandy Shale
1490	1520	30	White Water sand (800 ft. Water in Hole)
1520	1565	45	Gray Shale & sandy shale
1565	1780	115	Gray Sandy Shale (150 ft. salt water - this salt water came in this sandy shale.
1780	1810	30	Dark Blue Shale
1810	1903	93	Sandy Shale
1903	1910	7	Blue Shale
1910	1920	10	Hard Sand
1920	1950	30	Gray Sandy Shale
1950	1960	10	Dark Sand Water
1960	1963	3	Blue Shale
1963	1999	36	Water Sand (Set pipe - water shut-off - 3 ft. coal on top of Water Sand)
1999	2003	4	Blue Shale
2003	2155	152	White Water Sand (Set pipe shut-off water. Water came over top when run tools in hole.)
2155	2850	695	Blue Shale
2 850	2855	5	Hard sulphur Water (2000 ft. water in hole)
2855	2925	70	Blue Sandy Shale
2925	2930	5	White Water Sand (Water raised 200 ft. over night)
2 930	2945	15	Blue Shale
2945	2965	20	Water Sand
2 965	2985	20	Blue Sandy Shale
2985	3047	62	Water Sand (Water 150 ft. fromtop hole)
3047	3052	5	Blue Shale
3052	3117	65	Water Sand (hard streaks)
3117	3145	28	Red & Green Shale
3145	3150	5	Sand (Top of Morrison)

10" pipe set at 381. Running 10" pipe at 381 to shut off water. Underreaming 10" pipe from 381 to 452. Pipe underreamed from 452 ft. 11 in. to 528. Reamed to 572 ft. 10 in.
Set 8 in. pipe at 911 ft. 8" pipe underreamed from 885 to 1001-2.
Set 7 in. at 1400. 7 in. underreamed to 1422.
Underreamed from 1422 ft. 5" to 1522.
7" underreamed from 1522-5 to 1903-4.
7" underreamed from 1903-4 to 1963.
7" underreamed from 1963-4 to 2001.
7" underreamed from 2101 to 2157-6.
5½" pipe set at 2510. Underreamed to 2829-5.
5½" pipe underreamed from 2829-3 to 2878-9.
5½" pipe underreamed from 2829-3 to 2944-8.
5½" pipe underreamed from 2944-8 to 3048-10.

Cement plugs with dump bailers 3140 to 3145; 2870 to 2875; 2850 to 2860; 2150 to 2160; 2000 to 2010; 1960 to 1970; 1945 to 1950; 1780 to 1785; 1560 to 1565; 1485 to 1490; 885 to 890; 745 to 750; 710 to 715; 550 to 560; 435 to 450; 385 to 390; 350 to 375; 290 to 295.
Filled with pit mud between plugs.