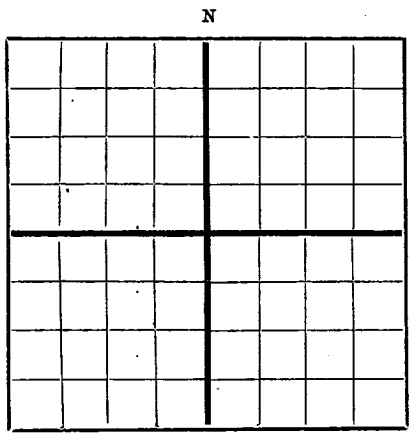
FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	
0	1.2	1.2	From top of rotary drive bushing to derrick floor.	
1.2	13.6	12.4	From derrick floor to top of 9-5/8" OD casing.	
13.6	34	20.6	Caliche	Losing returns 33' to 34'.
34	44	10	Lime	Reamed from 9-5/8" to 12½" hole.
44	72	28	Lime boulders	Straight @ 60°.
72	90	18	Lime	Reamed to 17½" hole to 90', lost circ. @ 90'.
90	135	45	Lime and rock	St. @ 90, 120.
135	182	47	Lime	St. @ 162, 192.
182	210	28	Rock and lime	St. @ 223.
210	429	219	Lime	Cavity 354 to 355, reamed to 20". conductor 11' below cellar w/55 sax cement and 9 sax calcel. ¾° @ 240, 280, 311, 341, ½° @ 375, St. @ 420.
429	459	30	Lime rock	
459	482	23	Lime	
482	500	18	Hard lime	½° @ 490.
500	527	27	Rock and lime	¾° @ 520.
527	562	35	Lime	¾° @ 556.
562	614	52	Hard lime	½° @ 585, 610.
614	715	101	Lime	½° @ 640, ¾° @ 670, 1° @ 700, Cavity 641-643, Lost circ. @ 655, 660, & 693.
715	775	60	Lime rock	¾° @ 730, ¾° @ 745, ¾° @ 775, Lost 6" mud @ 718.
775	1686	911	Lime	¾° @ 790, ¾° @ 830, ¾° @ 890, ¾° @ 985, ¾° @ 1015; ¾° @ 1045, 1075, 1130, 1165, 1207, 1230, ¾° @ 1260, ¾° @ 1290; ¾° @ 1320; ¾° @ 1360; ¾° @ 1374; ¾° @ 1422; ¾° @ 1452, 1546, 1° @ 1577, 1600; 1-1/8° @ 1630. Lost returns @ 841, and @ 1135.
1686	1773	87	Lime and gyp	1° @ 1700, 1731; ¾° @ @ 1730, 1760.
1773	1826	53	Lime	1° @ 1826.
36	1825	1789	Ran Schlumberger	
1826	1855	27	Lime and gyp	
1855	1875	20	Lime	1° @ 1870.
			Set 9-5/8" OD csng. @ 1875 w/650 sax.	
	1870		Halliburton run Temp. Surv. Top cement @ 570.	
	600		Lane Wells perf. 9-5/8" OD	w/2 shots, ½" hole.
	600		400 sax cement thru perf.	Circulated out 20 sax.
1845	1875	30	D/O cement, float & guideshoe	
1875	2052	177	Lime	¾° @ 1905, 1967.
			SLC 1976 to 1978.	
2052	2062	10	Cored	Rec. 9' 10", Top 2'6" oil stained lime, bottom 7'4" dolomite, top stained section - 2057'.
2037	2062	25	Drill Stem Test	Tool open 1 hr. 5/8" top and bottom choke, blew air 12 min. died, Rec. 5' drlg.mud, no oil or gas shows.
2062	2077	15	Lime (Drilled)	
2077	2087	10	Cored	Rec. 10' bleeding core, 3' dolomite, oil & water, 4' dense dolomite, slightoil odor, 3' bleeding water.
2037	2087	50	Drill Stem Test	Tool open 1 hr. 5/8" bottom and top choke, blew air for 10 min. Rec. 10' drlg. mud, no show oil or gas.
2087	2228	141	Lime (Drilled)	1° @ 2120, 2214.
2228	2233	5	Sand and lime	
2233	2268	35	Lime	
2268	2279	11	Cored	Rec. 11' dolomite w/few specks anhy., gas bubble in middle of core.
2279	2325	46	Lime	1° @ 2300.
2325	2340	15	Cored	Rec. 15' dolomite, porosity, showing oil and gas 2332-2334 & 2337-2340.
2340	2345	5	Cored	Rec. 5' dolomite, no show oil or gas.
2345	2386	41	Lime(Drilled)	
2386	2396	10	Cored	Rec. 10' hard sandy dolomite, no oil or gas show.
2396	2405	9	Lime (Drilled)	
2405	2415	10	Cored	Rec. 9'6" dolomite w/slight sulphur odor, no oil or gas shows.
2415	2620	5	Lime (Drilling)	¾° @ 2430; ¾° @ 2526.
2620	2630	10	Cored	Rec. 9'10", 1st 2' gray & tan dolomite w/anhydrite imbedded, slightly porosity and little sulphur water, next 3' sandy gray dolomite, last 4'10" gray hard sand no oil or gas shows.
2630	3187	557	Lime(Drilling)	¾° @ 2825, 2757, ¾° @ 2835, ¾° @ 2882, ¾° @ 2990, 3035, 3155.
3187	3197	10	Cored	Rec. 8'6" tan dolomite w/anhydrite imbedded, no show of oil, sulphur odor thru-out, 50% porosity, sulphur resides in pores.
2995	3197	202	Attempted Drill Stem Test.	Tool open 2 hrs., no test; too failed to open.

FORM C-105



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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

.....
Company or Operator — Address

.....Well No.....in.....of Sec....., T.....
Lease

R....., N. M. P. M.,.....Field, ...County.

Well is.....feet south of the North line and.....feet west of the East line of.....

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....., Address.....

Drilling commenced.....19..... Drilling was completed.....19.....

Name of drilling contractor....., Address.....

Elevation above sea level at top of casing.....feet.

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

OIL SANDS OR ZONES

No. 1, from.....to..... No. 4, from.....to.....

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... 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	PERFORATED TO	PURPOSE

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED

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.....

.....

.....

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.....feet to.....feet, and from.....feet to.....feet

PRODUCTION

Put to producing....., 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

....., Driller ....., Driller

....., 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..... .....
Place — Date

day of....., 19..... Name.....

Position.....

..... Representing.....
Notary Public — Company or Operator

My Commission expires..... Address.....