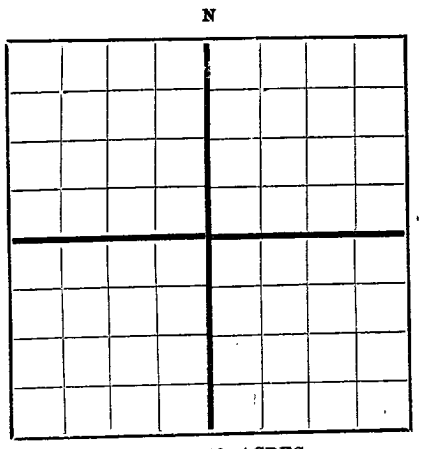
FORM C-105



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.....

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	
0	1.7	1.7	From top of rotary drive bushing to the derrick floor	
1.7	9.8	8.1	From top of the derrick floor to 13-3/8" OD casg.	
9.8	100	90.2	Gravel and red bed	
100	205	105	Gravel and boulders	
205	319	114	Red bed and shells	
319	325	6	Red bed	1/4° @ 297
			Set 13-3/8" OD casg. at 325' with 300 sax cement circ. out 30 sax	
325	600	275	Blue shale, red bed and shells	1/2° @ 600
600	730	130	Shells and red bed	
730	970	240	Sand and shells	
970	1006	36	Red bed and anhydrite	1/4° @ 900
1006	1094	88	Red bed and gyp shells	
1094	1158	64	Red bed	
1158	1188	30	Anhydrite	Top Anhydrite 1158
			Set 9-5/8" OD casg. at 1188 400 sax 6% gel 100 sax neat circ. out 40 sax	
1188	1435	247	Anhydrite and gypson	1/8° @ 1430
1435	2169	734	Anhydrite and salt	1/4° @ 1675
2169	2654	485	Anhydrite and streaks of salt	1/4° @ 1925, 1/2° @ 2190 1/2° @ 2440, 7/8° @ 2590, 1-3/4° @ 2750
2654	2786	132	Anhydrite and salt	
2786	2867	81	Anhydrite and gyp	
2867	2914	47	Anhydrite, lime and gyp streaks	1-3/4° @ 2840
2914	2948	34	Anhydrite and lime	
2948	2975	27	Yates sand	
2975	3015	40	Sand	
3015	3017	2	Lime	
2940	3017	77	Drill Stem Test	(Yates) 2 packers No WC 1 hr. 5/8" BHC and 1" SC blow was constant throughout test, (Est. 236 MCF 24 hrs.) Gas 3 min SFP 0-100#, BHFP 500#-450#, 15 min S-I BHP 1250#, Hy Hd 5000#.
3017	3046	29	Sand and lime	3021-3046 show good stain oil, odor gas
3016	3046	30	Drill Stem Test	(Yates) 2 packers No WC 2 hrs. 5/8" BHC and 1" SC , tool opened with a good blow which was constant throughout test, no gas to surface, 2780' gas filled drill pipe, 90' heavily gas cut, slight oil cut drlg. mud, BHFP 70# SFP 0#, 15 min S-I BHP 110#, Hy Hd 1830#-1880
3046	3087	41	Dolomite and gyp	
3087	3138	51	Dolomite	
3138	3190	52	Sand and dolomite	fair stain and odor 3138-3189
3070	3190	120	Drill Stem Test	(Yates) 2 packers No WC 1-1/4 hrs. 5/8" BHC and 1" SC gas 3 min at rate Est. 4528 MCF 24 hrs. mud 8 min continuted to flow spray of mud remainder test, no oil, rec. 90' heavily gas cut mud, no oil or water, SFP 0#, -225#, BHFP 600#-600#, 15 min S-I BHP 1100# Hy Hd 1900#-1800#.
3190	3193	3	Sand	1° @ 3160
3193	3223	30	Dolomite	
3223	3366	143	Lime	no porosity or stain
3298	3366	68	Drill Stem Test	(Seven Rivers) 1-1/4 hrs. 5/8" BHC and 1" SC No WC no gas or fluid to surface, rec. 30' heavily gas cut, slightly oil cut mud, BHFP 125#-175#, 15 min S-I BHP 175#, Hy Hd 2025#, 2075#.
3366	3409	43	Lime and sand	
3409	3418	9	Lime	
3418	3454	36	Lime and sand	1/4° @ 3430
			Set 7" OD casg. at 3454' With 400 sax 6% gel 100 sax neat. no cement circ. WOC 10 hrs. Centralizers at 3184.11, 3150.78, 3118.81, 3056.56, 3024.66, 2992.24, 2959.82, 1159.88,	
50	3400	3350	Halliburton ran temp. survey Approx. top of cement 1308	
1298			Lane Wells perf. 7" OD casg. 2 - 1/2" holes	Cemented 250 sax 6% gel thru perf. at 1298 circ. 160 sax
1285	1298	13	Drilled out cement	tested perf. 1298 with 1000# 800# took fluid immediately
1258			Set Halliburton Magnesium	retainer
1298			Squeezed perf. w/50 sax	47-1/2 sax thru retainer 2500#, WO 2-1/2 sax
3454			Drilled out	tested w/1100# 30 min no brea
3454	3458	4	Cored	Rec. 4' finely crystalline tan dolomite, 10% pin point and small inter-crystalline porosity scattered small vuggs, trace fracturing , yellow fluorescence, bleeding oil and gas from fractures an vuggs
3458	3503	45	Cored Rec. 45'	10' finely crystalline to very finely crystalline tan dolomite, 2' of which showed 10% pin point porosity and trace of fracturing, bleeding oil from pin points and fractures. 2' finely crystalline gray silty dolomite, 1' fine grained gray