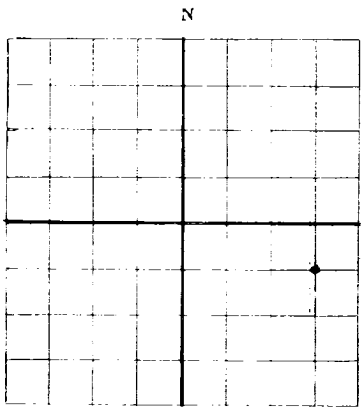
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

WELL RECORD

NEW MEXICO OIL CONSERVATION COMMISSION RECEIVED MAR 1 - 1941

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.

J. H. Elder (Company or Operator) Box 950, Midland, Texas (Address)

Louis J. Root (Lease) Well No. 1 in NE¼ SE¼ of Sec. 12, T. 17S

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

Well is 1980 feet ~~XXX~~ North South of the North line and 660 feet west of the East line of Section 12.

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

If patented land the owner is Louis J. Root, U.S. Land Office, Address _____

If Government land the permittee is Las Cruces Ex. # 028785, Address Tulsa, Oklahoma

The Lessee is J. H. Elder, Address Midland, Texas

Drilling commenced January 10 1941 Drilling was completed February 26 1941

Name of drilling contractor _____, Address _____

Elevation above sea level at top of casing 3658 feet.

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

OIL SANDS OR ZONES

No. 1, from 2608' to 2615' No. 4, from 2674' to 2685'

No. 2, from 2622' to 2627' No. 5, from 2700' to 2709'

No. 3, from 2662' to 2667' Gas 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 390' to 395' feet. Rose 150' in hole

No. 2, from 2040' to 2055' 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
10"	40#	10	Smls	553'	Tex Pat				Shut-off
7 OD	22#	8	Smls	2400'	" "				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
12½"	10"	553,	50	Pump & Plug		
8 "	7"	2400'	100	Pump & Plug	40#	100 Sacks

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
4"	Tin	Nitro-glycerin	140 qt.	2-20-41	2608-2700	2729'

Results of shooting or chemical treatment Increased output of well to 125 barrels in 24 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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 2729' feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Production held up pending pipeline connection 19____

The production of the first 24 hours was 125 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

Bill Barnes, Driller Bill Crow, Driller

John Whaley, Driller J. G. Matthews, Driller Supt.

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 27th day of February 19 41

Midland, Texas February 27, 1941

Name Leota Segars

Position Secretary

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	35	35	Caliche
35	270	235	Red Rock
270	390	120	Anhydrite
390	395	5	Sand
395	400	5	Anhydrite
400	415	15	Lime
415	445	30	Red Rock
445	490	45	Anhydrite
490	525	35	Red Rock
525	543	18	Red Rock and Anhydrite
543	605	62	Salt
605	710	105	Salt and Anhydrite
710	725	15	Anhydrite
725	775	50	Salt and Anhydrite
775	950	175	Salt and Potash
950	970	20	Anhydrite
970	1010	40	Lime and Anhydrite
1010	1030	20	Anhydrite and Red Rock
1030	1125	95	Anhydrite
1125	1420	295	Anhydrite and Red Rock Breaks
1420	1740	320	Lime and Anhydrite
1740	1750	10	Anhydrite, Lime and Red Rock
1750	1780	30	Lime and Anhydrite
1780	1785	5	Lime
1785	1800	15	Red Sand
1800	1820	20	Lime, Anhydrite and Red Rock
1820	1860	40	Anhydrite and Red Rock
1860	1925	65	Lime and Anhydrite
1925	1960	35	Lime, Anhydrite and Red Sand
1960	2040	80	Lime, Anhydrite
2040	2055	15	Red Sand
2055	2085	30	Lime and Anhydrite
2085	2095	10	Red Sand
2095	2105	10	Lime Breaks
2105	2140	35	Lime and Anhydrite
2140	2275	135	Lime
2275	2295	20	Lime and Anhydrite
2295	2320	25	Lime
2320	2345	25	Sandy Lime
2345	2355	10	Lime
2355	2370	15	Sandy Lime
2370	2394	24	Lime
2394	2444	50	Sand Lime
2444	2541	97	Lime
2541	2555	14	Gray Lime
2555	2569	14	Lime
2569	2581	12	Gray Lime
2581	2608	27	Lime
2608	2623	15	Sandy Lime
2623	2629	6	Lime and Anhydrite
2629	2636	7	Lime
2636	2648	12	Sandy Lime
2648	2674	26	Lime
2674	2679	5	Sandy Lime
2679	2685	6	Lime
2685	2694	9	Lime and Anhydrite
2694	2709	15	Lime
2709	2716	7	Lime and Anhydrite
2716	2729	13	Lime