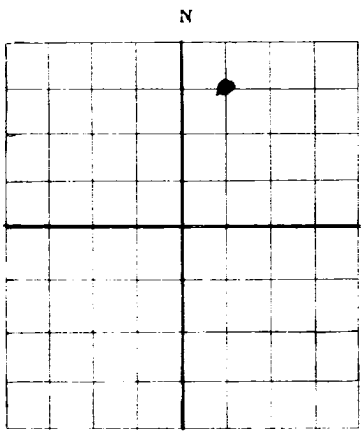
FORM C-105

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Francis C. Wilson (Company or Operator) — Santa Fe, New Mexico (Address)

State No. B-1439 (Lease) Well No. 2 in NW¼ of Sec. 7, T. 21 R. 35, N. M. P. M., Empire Field, Lea County.

Well is 660 feet south of the North line and 1980 feet west of the East line of Sec. 7.

If State land the oil and gas lease is No. B-1439 Assignment No. _____.

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is Francis C. Wilson, Address Santa Fe, N. M.

Drilling commenced November 3, 1938 Drilling was completed December 3, 1938

Name of drilling contractor Oil Well Drilling Co., Address Hobbs, New Mexico

Elevation above sea level at top of casing 3693 feet.

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

OIL SANDS OR ZONES

No. 1, from 3786 to 3792 No. 4, from _____ to _____

No. 2, from 3900 to 3904 No. 5, from _____ to _____

No. 3, from 3853 to 3858 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 None 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
9-5/8	36	8	Young-	130	Halli-				Shutoff
5-1/2	17lbs.	10	stown	3620	burton				"
2-1/2				3658			3648	3652	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12"	9-5/8	130	75	Halliburton	10-1/2	10 tons
9"	5-1/2	3620	125	"	10	

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
		Acid	500 gals.	Dec. 1	3776 to	
		"	2000 "	Dec. 2	3853	to bottom

Results of shooting or chemical treatment Increase from 30 natural to 100 bbls. est.

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 3635 feet, and from _____ feet to _____ feet

Cable tools were used from 3635 feet to 3858 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Dec. 14-16 1938

The production of the first 24 hours was 105 barrels of fluid of which 100 % was oil; none % emulsion; none % water; and none % sediment. Gravity, Be 34.8

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

Rock pressure, lbs. per sq. in. 1200 lbs. est.

EMPLOYEES

Oil Well Drilling Co., 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 19

Place Date

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	160	160	Surface fill and gravel
160	348	188	Red beds
348	717	369	Red Rock and shale
717	1060	343	Red bed and shells
1060	1232	172	Red rock and shale and shells
1232	1416	184	Red rock and shells
1416	1428	12	Red rock and shale
1428	1735	307	Red rock, shells and some shale
1735	1750	15	Red rock streaked with anhydrite
1750	1764	14	Anhydrite
1764	1805	41	Red rock and shells
1805	1852	47	Anhydrite and shells
1852	1927	75	Anhydrite and salt
1927	2093	166	Salt and anhydrite - some Gyp.
2093	2428	335	Salt and anhydrite
2428	2485	57	Salt, Potash, Anhydrite
2485	2650	165	Salt and Anhydrite
2650	2692	42	Anhydrite and salt
2692	2897	205	Salt, Potash and Anhyrdrite
2897	2987	110	Anhydrite
2987	3092	105	Salt, Potash and Anhydrite
3092	3217	125	Anhydrite - some Gyp.
3217	3331	114	Anhydrite- some Gyp (change in drilling time at about 3285')
3331	3468	137	Anhydrite, Lime, some Gyp.
3468	3485	17	Lime
3485	3635	150	Lime, scattered Gyp. (bottom of rotary hole - 5-1/2" casing, set 3620' - 125 sacks cement)
3635	3690	55	Lime(showing of gas - 3680') Grey
3690	3734	44	Grey Lime
3734	3751	17	Lime - broken
3751	3790	39	Grey lime - 3785' to 3790' soft - show of oil 3785'- crystalline lime
3790	3800	10	Grey lime - increase in oil
3800	3842	42	Grey lime - sandy
3842	3853	11	Grey lime-increase in oil 3842' - 3853' 800' oil in hole.
3853	3858	5	Increase in oil, rose in casing to 1500' from 800' in about three hours.
3858	3860	2	Sandy lime-plugged back two feet with lead wool- total depth 3858 at end of operation.