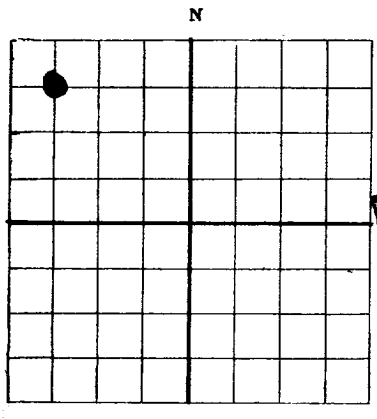
FORM C-105



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.

Wilson Oil Company (Company or Operator) Box 927 Santa Fe, New Mexico (Address)

Shell State No. B1400 (Lease) Well No. 5 in NW¼NW¼ of Sec. 18, T. 21S

R. 36E., N. M. P. M., West Eunice Field, Lea County.

Well is 660 feet south of the North line and 4620 feet west of the East line of Sec. 18.

If State land the oil and gas lease is No. B 1400 Assignment No. Farmout

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is Shell Oil Co. Inc., Address Midland, Texas

Drilling commenced April 22 19 40 Drilling was completed June 12, 19 40

Name of drilling contractor None, Address _____

Elevation above sea level at top of casing 3690 feet.

The information given is to be kept confidential until No 19____.

OIL SANDS OR ZONES

No. 1, from 3704 to 3722(Stain) No. 4, from 3820 to 3823 (Sat.)

No. 2, from 3767 to 3775(Sat.) No. 5, from 3823 to 3832 (Stain)

No. 3, from 3810 to 3815(Stain) 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 320 to 360 feet. 1 B.P.H.

No. 2, from 911 to 1050 feet. H.F.W.

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
15½	64	10		129	Usual				
12½	50	10		816	"				
10	45	10		1245	"				
8 5/8	32	10		2894	"				
7	20	8	Youngstown	3600	Plain				
2	4.70	8	"	3810	Tubing				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
18	15½	129	150	Halliburton		
8	7	3600	200	"		50 sacks

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth Set _____

Adapters—Material None Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
5½		Nitro	210 qts.	June 17	3760-3800	3832

Results of shooting or chemical treatment Well swabbed 200 bbls. natural-After shot swabbed 350 bbls. 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 None feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from X feet to X feet, and from X feet to X feet

PRODUCTION

Put to producing June 30, 19 40

The production of the first 24 hours was 168 barrels of fluid of which 100 % was oil; None % emulsion; None % water; and None % sediment. Gravity, Be 32°

If gas well, cu. ft. per 24 hours None Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. Not measured but estimated about 75 lbs.

EMPLOYEES

Wesley K. DuBoos-Field Supt., 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 1st day of July, 19 40

Anne K. Davis
Notary Public

My Commission expires July 29, 1942

Santa Fe, N.M. (Place) June 30, 1940 (Date)

Name Francis C. Wilson

Position President

Representing Wilson Oil Co. (Company or Operator)

Address 927 Santa Fe, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Caliche
20	129	109	Quicksand
129	310	181	Red shale
310	350	40	Water sand - 1 B per hour
350	965	615	Red rock-shale and some sand
965	1100	135	Sand and sandy shale H.F.W.
1100	1691	591	Red rock and shale
1691	1710	89	Anhydrite
1710	1750	40	" and shale breaks
1750	1820	70	"
1820	1875	55	Salt and anhydrite breaks
1875	1892	17	Salt
1892	1905	13	Anhydrite
1905	1920	15	Salt
1920	2115	195	Anhydrite
2115	2175	60	Salt
2175	2215	40	Redrock
2215	2240	25	Anhydrite
2240	2330	90	Salt
2330	2340	10	Anhydrite
2340	2880	540	Salt - some potash
2880	2890	10	Blue mud - air blow out-Tools blown 200 ft. up hole causing fishing job.
2890	3316	426	Salt & Potash
3316	3350	44	Anhydrite - some brown lime
3350	3360	10	Brown lime
3360	3415	55	Anhydrite with shale breaks
3415	3465	50	Brown lime
3465	3490	25	Grey lime - some sand
3490	3600	110	Sandy Lime (Top of Yates 3488)
3600	3659	59	Mostly red and grey sandstone-some anhydrite and scattered dolomite.
3659	3677	18	Anhydrite
3677	3704	27	Grey dolomite and grey sandstone
3704	3715	11	Grey sandstone-some saturation first show of oil-Too tight to produce
3715	3750	35	Grey sandstone with dolomite breaks with some semi-crystalline dolomite.
3750	3763	13	Crystalline dolomite and some sand
3763	3773	10	" " -oil standing 2000 ft. in hole.
3773	3820	47	White and buff crystalline and semi-crystalline dolomite - some increase in oil.
3820	3823	3	White crystalline dolomite-saturated and considerable increase in oil
3823	3832	9	75% grey sandstone and 25% crystalline dolomite. Bottom 3832 - S.L.M.