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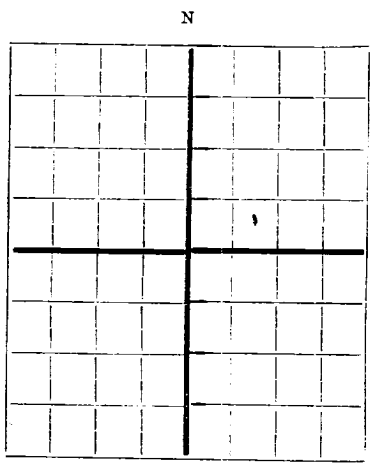
HOBBS OFFICE

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.

WILSON OIL COMPANY (Company or Operator) Box 627 Santa Fe, New Mexico (Address)

State B-11610 (Lease) Well No. 19 in SW¼NE¼ of Sec. 23, T. 21

R. 34, N. M. P. M., West Eunice Field, Lea County.

Well is 2310 feet south of the North line and 1650 feet west of the East line of Sec. 23-21-34

If State land the oil and gas lease is No. B-11610 Assignment No. None

If patented land the owner is ....., Address .....

If Government land the permittee is ....., Address .....

The Lessee is ....., Address .....

Drilling commenced Aug. 15 1946. Drilling was completed October 20 1946

Name of drilling contractor Our own tools, Address .....

Elevation above sea level at top of casing 3661 ' feet.

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

OIL SANDS OR ZONES

No. 1, from 3705 to 3715 No. 4, from 3758 to 3774

No. 2, from 3728 to 3735 No. 5, from ..... to .....

No. 3, from 3740 to 3750 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 149' to 160' feet. 20 bbl per hour

No. 2, from 820 ' to 860' feet. R.P.M.

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
16"	65	10	Beth	174	Plain				Shut off
13"	40	10	Youngs	740	"				" "
10"	32	10	"	1240	"				" "
7"	20	8 rd.thread	Nat.	3600	Float				" "

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
22"	16"	174	200	Halliburton		None
15"	13"	740	Aquagel	"	Pulled-recovered	
12"	10"	1240	"	"	" "	
9"	7"	3600	350	"		None

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
None						

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 None feet to ..... feet, and from ..... feet to ..... feet

Cable tools were used from 0 feet to 3775 feet, and from ..... feet to ..... feet

PRODUCTION

Put to producing October 20, 19 46

The production of the first 24 hours was 600 barrels of fluid of which 100 % was oil; None % emulsion; None % water; and None % sediment. Gravity, Be. 29.5

If gas well, cu. ft. per 24 hours No Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. about 1100 lbs. sq. inch

EMPLOYEES

Chas. Quinn, Driller Thos. Reynolds, Driller

Cyrus McCormick Chesney, Driller Joe B. Allen, Field Supt., 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 23 day of October, 19 46

Santa Fe, New Mexico Oct. 23, 1946 (Date)

Name .....

Position President and Genl. Mgr.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	30	30	Caliche
30	140	110	Sand and shale
140	154	14	Water sand
154	820	666	Caving shales- red rock
820	860	40	Water sand S.F.W.
860	1170	310	Red rock- some sand and shale
1170	1585	415	Red beds- no caving after 1240
1585	1740	155	Anhydrite
1740	1810	70	Salt
1810	1850	40	Red rock and anhydrite
1850	1875	25	Anhydrite
1875	1910	35	Salt
1910	1920	10	Anhydrite
1920	2150	230	Salt- some red shale
2150	2160	10	Anhydrite
2160	2255	95	Salt
2255	2270	15	Anhydrite
2270	2490	220	Salt
2490	2633	143	Salt streaked with potash
2633	2640	7	Blue mud with air blowout
2640	2650	10	Potash
2650	2843	193	Salt and potash
2843	2858	15	Anhydrite
2858	2884	26	Salt
2884	2905	21	Anhydrite
2905	3075	170	Salt
3075	3096	21	Anhydrite (Hard)
3096	3260	164	Salt
3260	3405	145	Anhydrite
3405	3450	45	Lime (Hard) Loaded hole with water
3450	3465	15	Red sand- First gas at 3453'
3465	3470	5	Sandy lime- more gas
3470	3490	20	Hard grey lime
3490	3500	10	Red sand- more gas
3500	3520	20	Hard lime
3520	3530	10	Red sand- more gas
3530	3565	35	Hard lime
3565	3575	10	Red sand- more gas about 5 feet of lime
3575	3580	5	Red sand
3580	3600	20	Hard lime
3600	3660	60	Hard lime, some sandy
3660	3675	15	Sand- Show of oil
3675	3715	40	Lime- sandy- show of oil at 3705 to 3715
3715	3728	13	Sandy lime with last 5 ft. very hard lime
3728	3755	27	Sandy lime- increase at 3728, 3735 and 500 feet of oil in hole at 3755
3755	3775	20	Lime- soft- Flowing by heads thru casing about 600 bbls F.O.D.

B.L.M.