FORM C-105

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MAY 12 1937

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

N.

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.

Neil Wills et al (Company or Operator) Box 529, Carlsbad, New Mexico (Address)

Stovall & Wood (Lease) Well No. 1 in NE¼NW¼ of Sec. 20, T. 20 S

R. 30 E, N. M. P. M., Barber Field, Eddy County.

Well is 660 feet from the North line and 1980 feet from West line of Sec 20.

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

If patented land the owner is Roy Stovall & Tom Wood, Address Carlsbad, New Mexico

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

The Lessee is Neil H. Wills, Address Box 529 Carlsbad, N. M.

Drilling commenced April 10, 1937 19. Drilling was completed May 8, 1937 19.

Name of drilling contractor Company, Address .....

Elevation above sea level at top of casing 3205 feet.

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

OIL SANDS OR ZONES

No. 1, from 1420 to 1435 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 47' to 50' feet. rose 20'

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
~~12½~~	~~50#~~		Natl	66'2"					~~50~~ Water
~~8¼~~	~~32#~~		"	394'					Protect sal
7"	17# seamless			1404'4"					Oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
~~10"~~	~~8¼~~	~~396'~~	~~50~~	Halliburton		
~~8"~~	~~7"~~	~~1406~~	~~50~~	"		

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
		Acid	1000 gal	5/9/37	1425	1425

Results of shooting or chemical treatment Before treating about 7 bbl/day. Treated and then deepened 10' and estimated 120 bbl/day

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 1435 feet, and from ..... feet to ..... feet

PRODUCTION

Put to producing ....., 19

The production of the first ~~24~~ 12 hours was 103 barrels of fluid of which 100 % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, Be 20

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

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

EMPLOYEES

M. A. Wilson, W. B. Wilson, Driller Joe Ausley, Breckenridge, Driller

C. R. Sprung, R. T. Hollis, 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 10th day of May, 1937

Carlsbad, N. M. (Place) May 10, 1937 (Date)

Name Neil H Wills

From Samples

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	25	25	Gravel
25	37	12	Red sand
37	47	10	Gyp sum
47	50	3	Red sand -Water
50	70	20	Gypsum
70	80	10	Red shale
80	120	40	Gypsum
120	151	31	Lime
151	227	76	Gypsum
227	253	26	Rustler lime
253	260	7	Red beds
260	275	15	Gypsum
275	295	20	Red beds
295	320	25	Gray shale
320	330	10	Red beds
330	345	15	Gypsum
345	350	5	Red bed
350	415	65	Gypsum
415	420	5	Potash
420	615	195	Salt, very little potash
615	620	5	Anhydrite
620	825	205	Salt, very little polyhalite
825	923	98	Salt with some anhydrite
923	935	12	Anhydrite
935	1047	112	Salt
1047	1088	41	Anhydrite
1088	1219	131	Lime little anhydrite
1219	1300	81	Lime and limy sandstone; Very small show Gas 1264'
1300	1420	120	White lime and brown sands
1420	1435	15	White lime-Oil1420-1422 and 1430-33? T.D. 1435