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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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.**

Neil H. Wills Box 529, Carlsbad, New Mexico  
Company or Operator Address  
Wills Well No. 21 in N 1/4 of Sec. 13, T. 20  
Lease  
R. 28, N. M. P. M., Russell Field, Eddy County.  
Well is 1656 feet south of the North line and 1665 feet west of the East line of Sec. 13  
If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
If Government land the permittee is Neil H. Wills, Address Box 529, Carlsbad, N. M.  
The Lessee is Neil H. Wills, Address Box 529, Carlsbad, N. M.  
Drilling commenced July 21 13 1947 Drilling was completed July 20 1947  
Name of drilling contractor W-W Drilling Co., Address Box 529, Carlsbad, N. M.  
Elevation above sea level at top of casing \_\_\_\_\_ feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_

OIL SANDS OR ZONES

No. 1, from 832 to 848 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 \_\_\_\_\_ 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		PURPOSE
							FROM	TO	
7"	20#	8	Natl	729	Box Pat				Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
8 3/4"	7"	732	150	Halliburton		Calculated

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
3 1/2"		Solidified <del>Substrate</del>	40 qts.	7-21	854-834	854

Results of shooting or chemical treatment Slight Increase

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 826 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 826 feet to 854 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**PRODUCTION**  
Put to producing July 25 1947  
The production of the first 24 hours was 40\* 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. \_\_\_\_\_  
**\* Estimated, no tubing available for pump test**

**EMPLOYEES**  
D. O. Wilson, Driller J. B. Collins, Driller  
W. B. Wilson, Driller Coleman Petete, 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 25th  
day of July, 1947  
R. L. Bruner  
Notary Public  
My Commission expires 8-21-47

Carlsbad, New Mexico, July 25, 1947  
Place Date  
Name Neil H. Wills  
Position Partner  
Representing Neil H. Wills et al  
Company or Operator  
Address Box 529, Carlsbad, N. M.

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	220	220	Sand and gravel
220	270	250	Gypsum and red shale
470	640	170	Salt and red shale
640	680	40	Anhydrite
680	685	5	Red shale
685	695	10	Gray lime
695	698	3	Lime and anhydrite
698	707	9	Red shale
707	745	38	Anhydrite
745	772	28	Anhydrite and gray lime
773	780	7	Brown Lime
780	806	26	Anhydrite and lime
806	809	3	White lime
809	825	16	Gray sandy shale
825	827	2	White Lime
827	832	5	Gray sandy shale
832	848	16	Oil sand
848	854	6	Gray sand.
			Total depth 854'

02R10 153653

PROP 18882

POOL 52820