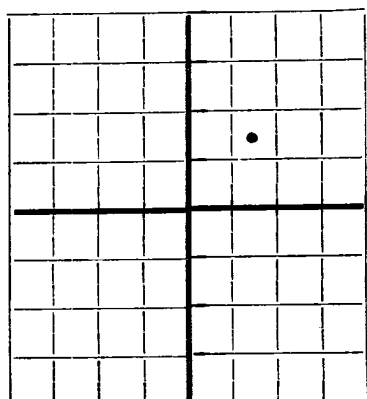


N



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.**

Neil H. Wills Box 529, Carlsbad, New Mexico
Company or Operator Address
Wills Well No. 21 in NE¹/₄ of Sec. 13, T. 20 S.
Lease
R. 28 E., 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 _____
Drilling commenced July 13, 19 47. Drilling was completed July 20, 19 47
Name of drilling contractor W-W Drilling Company, 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	Tex 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		Circulated

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	40 qts.	7-21	854-834	854

Results of shooting or chemical treatment Increase in production

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, 19 47.
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 _____ * Estimated, no tubing available for pump test
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. B. Wilson, Driller J. B. Collins, Driller
D. O. 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, 19 47

Notary Public
My Commission expires 8-21-50
Carlsbad, New Mexico, July 25, 1947
Name Neil H. Wills
Position Partner
Representing Neil H. Wills et al
Company or Operator
Address Box 529, Carlsbad, New Mex.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	220	220	Sand & gravel
220	470	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	696	1	Lime and anhydrite
698	707	9	Red shale
707	745	38	Anhydrite
745	773	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'

NEW MEXICO SCHOOL OF MINES
STATE BUREAU OF MINES AND MINERAL RESOURCES
SOCORRO, NEW MEXICO

WELL LOG DIVISION

COUNTY **Eddy**
FIELD **Russell**
COMPANY **Neil H. Wills**
LEASE **Wills** Well No. **21**
LOCATION (34) **NE/4**
SEC. **13** T. **20S** R. **28E**
1656 feet from **North** line and
1665 feet from **East** line of Section
COMMENCED **7-13-47**
COMPLETED **7-20-47**
ABANDONED

CASING RECORD		ELEVATION	FEET
Diam., in	Bottom		
7"	729		

INITIAL DAILY PRODUCTION:

Open	40*	bbls. Oil
Open		cu. ft. Gas
Tbg.		bbls. Oil
Tbg.		cu. ft. Gas

* Estimated, no tubing available for pump test

REMARKS:

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Sand and gravel	220		
Gypsum and red shale	470		
Salt and red shale	640		
Anhydrite	680		
Red shale	685		
Gray lime	695		
Lime and anhydrite	698		
Red shale	707		
Anhydrite	745		
Anhydrite & gray lime	773		
Brown lime	780		
Anhydrite and lime	806		
White lime	809		
Gray sandy shale	825		
White lime	827		
Gray sandy shale	832		
Oil sand	848		
Gray sand	854	T.D.	

SHOT RECORD

40 Qts. 7-21-47 854-834

