

## NEW MEXICO OIL CONSERVATION COMMISSION


AREA 640 ACRES  
LOCATE WELL CORRECTLY

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.

Neil H. Wills et al

Company or Operator

Box 529, Carlsbad, New Mexico

Address

Wills

Well No. 23

in NE 1/4

of Sec. 13

T. 20 S.

Lease

R. 28 E.

N. M. P. M., Russell

Field, Eddy

County

Well is 330 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 8-3-1947 Drilling was completed 8-9-1947

Name of drilling contractor W-W Drilling Company Address Box 529, Carlsbad, New Mex.

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 860 to 875	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 FROM TO	PURPOSE
7"	20#		Natl	749	Tex Pat			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
8 3/4	7"	752	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	8-10-47	875-865	875

Results of shooting or chemical treatment Increased 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 835 feet, and from feet to feet  
Cable tools were used from 835 feet to 875 feet, and from feet to feet

## PRODUCTION

Put to producing August 19, 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. \* Based on 8 hr. pump test, 1 3/4 BOPH. Pumped 36.94 bbls. first 8 hrs.

## EMPLOYEES

D. O. Wilson, Driller W. B. Wilson, Driller  
J. B. Collins, 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 19 Carlsbad, New Mexico 8-19-47  
day of August, 1947 Name Partner  
Notary Public Representing Neil H. Wills et al  
My Commission expires 8-21-50 Address Box 529, Carlsbad, N. M.

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	56	56	Gypsum and sand
56	240	184	Red Shale
240	445	205	Gypsum and shale
445	455	10	Polehalate
455	525	70	Gypsum and anhydrite
525	612	87	Salt shale
612	626	14	Anhydrite
626	650	24	Red shale and gypsum
650	715	65	Anhydrite
715	784	69	Red shale
784	809	25	Anhydrite
809	819	10	Brown Lime
819	825	6	Anhydrite
825	829	4	Lime
829	835	6	Anhydrite
835	845	10	Sand
845	848	3	Lime
848	860	12	Sand
860	875	15	Oil Sand
			Total Depth 875'