

17
0

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.

Neil H. Wills, Box 529, Carlsbad, New Mexico
Company or Operator Address
State "A" Well No. 4-A in S1/4 of Sec. 17, T. 20 S
Lease R. 30 E N. M. P.M. Barber Field, Eddy County.
Well is 1650 feet south of the North line and 2310 feet west of the East line of Sec. 17
If State land the oil and gas lease is No. B-2386 Assignment No. 2
If patented land the owner is Address
If Government land the permittee is Address
The Lessee is Neil H. Wills Address Box 529, Carlsbad
Drilling commenced June 14 1942 Drilling was completed July 12 1942
Name of drilling contractor Company tools Address
Elevation above sea level at top of casing 3827 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 1484 to 1493 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 58 to 70 feet. Rose to 40'
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	
8-5/8"	28	8	Nat'l	433'3"	Beth				Top salt
7	22	8 rd	J&L	1472'5"	"				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"	8	438	50	Halliburton		
8	7	1478	50	Dump		

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

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 feet to feet, and from feet to feet
Cable tools were used from 0 feet to 1539 feet, and from feet to feet

PRODUCTION

Put to producing July 13 1942
The production of the first 24 hours was 340* barrels of fluid of which 99 % 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.

* used on 2-hr. pump test
EMPLOYEES

H. A. Wilson Driller O. Wilson Driller
W. B. Wilson 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 13th day of July 1942
Notary Public
Carlsbad, New Mexico 7-15-42
Name Neil H. Wills
Position
Representing

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	4	4	Cellar
4	7	3	Gypsum
7	10	3	Gravel
10	58	48	Red Shale
58	70	12	Water sand
70	104	34	Gypsum
104	125	21	Red shale and gypsum
125	142	17	Gypsum
142	177	35	Brown lime
177	238	61	Gypsum and anhydrite
238	245	7	Blue shale
245	285	40	Lime
285	288	3	Red shale
288	295	7	Lime
295	302	7	Red shale
302	305	3	Lime
305	330	25	Red shale and lime shells
330	355	25	Blue shale and lime shells
355	370	15	Red shale
370	401	31	Gypsum
401	408	7	Red shale
408	412	4	Gypsum
412	430	18	Red shale
430	477	47	Salt
477	488	11	Polyhalite and red shale
488	980	492	Salt
980	1020	40	Anhydrite
1020	1100	80	Salt
1100	1103	3	Sale and shale breaks
1105	1115	10	Salt
1115	1160	45	Anhydrite
1160	1270	110	Lime, VSS 1180-85
1270	1290	20	Sandy lime
1290	1308	18	Sandy shale
1308	1311	3	Lime
1311	1322	11	Sandy shale
1322	1355	33	Lime
1355	1372	17	Sand VSS oil 1355-64
1372	1403	31	Lime
1403	1420	17	Sand VSS oil 1403-11
1420	1425	5	Lime
1425	1431	6	Sand - VSS oil 1425-31
1431	1475	44	Lime
1475	1479	4	Sand - VSS oil 1475-78
1479	1485	6	Lime
1485	1493	8	Porous lime - Oil
1493	1505	14	Sand and lime
1505	1510	5	Lime
1510	1517	7	Sandy lime
1517	1530	13	Sand and shale
1530	1539	9	Lime - Total Depth