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## 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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Neil H. Wills et al  
Company or Operator

Box 529, Carlsbad, New Mexico  
Address

Morris & Hoover Well No. 2 in SW $\frac{1}{4}$  of Sec. 20, T. 20 S  
Lease

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

Well is 2310 feet south of the North line and 990 feet west of the East line of Sec 20

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

If patented land the owner is W. P. Morris, Address Carlsbad, New Mexico

If Government land the permittee is, Address Box 529

The Lessee is Neil H. Wills, Address Carlsbad, New Mexico

Drilling commenced February 25 19 41. Drilling was completed March 26 19 41

Name of drilling contractor Company tools, Address Box 529, Carlsbad, New Mexico

Elevation above sea level at top of casing 3214 feet. LS

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 1442 to 1458 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 70 to 80 feet. Rose 40' from top hole  
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
12 $\frac{1}{2}$				91'3"				shut off gravel
8 5/8	28			404'1"	HP&S			top salt
6 5/8	20	8	Nat'l. 1394'	"				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 5/8	406'	50	Halliburton		50 sacks
8	6 5/8	1397	50	"		80 sacks

## 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 none

## 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 surface feet to 1507 feet, and from feet to feet

## PRODUCTION

Put to producing March 27 19 41  
The production of the first 24 hours was 72\* barrels of fluid of which 98.8 % was oil; %  
emulsion; 1.2 % 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. \* based on 184.15 bbls oil - 61 hrs. =  
3.02 BPH

## EMPLOYEES

M. A. Wilson, Driller W. B. Wilson, Driller  
D. O. Wilson, Driller L. D. Huddleston, 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 2nd Carlsbad, New Mexico April 1, 1941  
day of April, 19 41 Name Neil H. Wills

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	4	4	Cellar
4	30	26	Gypsum
30	63	33	Red Beds
63	87	24	Gravel - Water 70 - 80
87	115	28	Gypsum
115	147	32	Lime
147	222	75	Gypsum
222	223	1	Blue shale
223	230	7	Gypsum
230	233	3	blue shale
233	256	23	Gray lime
256	264	8	Blue shale & red beds
264	268	4	Gypsum
268	270	2	Lime
270	286	16	Red shale
286	310	24	Lime & gypsum
310	319	9	Gray shale
319	332	13	Lime & gypsum
332	345	13	Red shale
345	359	14	Anhydrite & gypsum
359	363	4	Red shale
363	370	3	Anhydrite & gypsum
370	396	26	Gypsum & red beds
396	406	10	Salt
406	587	181	Salt & Potash
587	625	38	Salt
625	626	1	Red mud
626	718	92	Salt & anhydrite
718	955	237	Salt
955	985	30	Anhydrite
985	1076	91	Salt
1076	1104	28	Anhydrite
1104	1149	45	Anhydrite & lime
1149	1259	110	Lime
1259	1268	9	Sandy shale
1268	1312	44	Lime
1312	1340	28	Sand
1340	1380	40	Lime
1380	1395	15	Sand-Small show oil 1380-91
1395	1408	13	Hard lime
1408	1437	29	Lime & soapstone
1437	1442	5	lime
1442	1458	14	soft lime - OIL PAY
1458	1471	13	Hard lime
	1507		Lime increase gas 1471-76

Total Depth 1507