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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

Lease No. 11-00000 Company or Operator Union Address Union
Well No. 1 in 1 of Sec. 31, T. 20 - 21
R. 37 ast, N. M. P. M. Union Field, 100 County.
Well is 1900 feet south of the North line and 1000 feet west of the East line of Sec. 31
If State land the oil and gas lease is No. 37722 Assignment No. 1111
If patented land the owner is _____, Address _____
If Government land the permittee is _____, Address _____
The Lessee is Union, Address Union, Texas
Drilling commenced 1-15 1937. Drilling was completed 1-27 1937
Name of drilling contractor C. 10000, Address Union, Texas
Elevation above sea level at top of casing 1000 feet.
The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 17.5 to 18.5 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
<u>10-3/4</u>	<u>20.7</u>	<u>8</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>			
<u>7-5/8</u>	<u>20.7</u>	<u>8</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>			
<u>5-1/2</u>	<u>17.5</u>	<u>8</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>10-3/4</u>	<u>10-3/4</u>	<u>100</u>	<u>10</u>	<u>10</u>	<u>10</u>	<u>10</u>
<u>9-7/8</u>	<u>7-5/8</u>	<u>1100</u>	<u>10</u>	<u>10</u>	<u>10</u>	<u>10</u>
<u>8-5/8</u>	<u>5-1/2</u>	<u>375</u>	<u>10</u>	<u>10</u>	<u>10</u>	<u>10</u>

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
		<u>0.001</u>	<u>1.000</u>	<u>1-15-37</u>	<u>1000</u>	<u>1000</u>

Results of shooting or chemical treatment 1000 feet to 1000 feet.
1000 feet to 1000 feet.
1000 feet to 1000 feet.

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 1000 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 1-1-37, 19____
The production of the first 24 hours was 1000 barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. 1000
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

1000 1000, Driller 1000, Driller
1000 1000, 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 8th Midland, Texas February 8, 1937
Place 1000 Date 1000

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	cellar
18	40	22	shale
40	95	55	quartz
95	130	35	red beds
130	150	20	red beds and shell
150	160	10	red rock
160	170	10	red rocks and shell
170	180	10	red rock
180	190	10	anhydrite
190	200	10	salt and anhydrite shells
200	210	10	anhydrite
210	220	10	anhydrite and lime
220	230	10	anhydrite
230	240	10	anhydrite and lime
240	250	10	anhydrite
250	260	10	anhydrite and lime
260	270	10	lime
270	280	10	lime streaks sand showing gas
280	290	10	lime hard
290	300	10	and lime, gas show
300	310	10	lime
310	320	10	heavy lime showing gas
320	330	10	lime
330	340	10	
340	350	10	
350	360	10	
360	370	10	
370	380	10	
380	390	10	
390	400	10	
400	410	10	
410	420	10	
420	430	10	
430	440	10	
440	450	10	
450	460	10	
460	470	10	
470	480	10	
480	490	10	
490	500	10	
500	510	10	
510	520	10	
520	530	10	
530	540	10	
540	550	10	
550	560	10	
560	570	10	
570	580	10	
580	590	10	
590	600	10	
600	610	10	
610	620	10	
620	630	10	
630	640	10	
640	650	10	
650	660	10	
660	670	10	
670	680	10	
680	690	10	
690	700	10	
700	710	10	
710	720	10	
720	730	10	
730	740	10	
740	750	10	
750	760	10	
760	770	10	
770	780	10	
780	790	10	
790	800	10	
800	810	10	
810	820	10	
820	830	10	
830	840	10	
840	850	10	
850	860	10	
860	870	10	
870	880	10	
880	890	10	
890	900	10	
900	910	10	
910	920	10	
920	930	10	
930	940	10	
940	950	10	
950	960	10	
960	970	10	
970	980	10	
980	990	10	
990	1000	10	

HERRILL OIL & REFINING COMPANY'S

Herrill state Aggies # 9

**N 1/4 Section 31, T1P 20 South, Range
37-East, Lea County, New Mexico**

DEVIATION SURVEYS

Acid bottle test at 500' - deviation 1 degree
Acid bottle test at 700' - Hole straight
Acid bottle test at 950' - Hole straight
Acid bottle test at 1185' - Hole straight
Acid bottle test at 1500' - Hole straight
Syfo test at. . . . 2000' - deviation 1-1/2 degrees
Syfo test at. . . . 2200' - deviation 2-1/2 degrees
Syfo test at. . . . 2400' - deviation 3 degrees
Syfo test at. . . . 2600' - deviation 4 degrees
Acid bottle test at 3000' - deviation 3 degrees

DRILLING LOG

None.