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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

REPOLLO OIL COMPANY

WILLIAM C. ROACH

Company or Operator

Lease

Well No. 1 in N/2 W/2 of Sec. 21, T. 20-SR. 37-E, N. M. P. M., Monument Field, Lea County.Well is 330 feet south of the North line and 4950 feet west of the East line of Sect. 21-20-37

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

If patented land the owner is William C. Roach, Address \_\_\_\_\_ ?

If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_

The Lessee is \_\_\_\_\_, Address \_\_\_\_\_

Drilling commenced April 2 19 36 Drilling was completed May 20 19 36Name of drilling contractor Noble Drilling Co., Address Tulsa, Oklahoma.Elevation above sea level at top of casing 3530 feet.

The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ 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. 2, 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>12 1/2"</u>	<u>50 #</u>	<u>8</u>	<u>?</u>	<u>235'</u>	<u>None</u>			
<u>9-5/8"</u>	<u>36 #</u>	<u>8</u>	<u>?</u>	<u>2467'</u>	<u>Comb. Flo-t</u>			
<u>7"</u>	<u>24 #</u>	<u>10</u>	<u>?</u>	<u>3701'</u>	<u>Comb. Flo-t</u>			
<u>Tbg. 2 1/2"</u>	<u>6.5 #</u>	<u>10</u>	<u>?</u>	<u>3786'</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>15 1/2"</u>	<u>12 1/2"</u>	<u>254'</u>	<u>250</u>	<u>Halliburton</u>	<u>?</u>	<u>?</u>
<u>11 1/2"</u>	<u>9-5/8"</u>	<u>2483'</u>	<u>400</u>	<u>"</u>	<u>?</u>	<u>?</u>
<u>8-3/4"</u>	<u>7"</u>	<u>3742'</u>	<u>250</u>	<u>"</u>	<u>?</u>	<u>?</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

Results of shooting or chemical treatment May 12, 1936: acidized with 2000 gals., set 4 hours,  
with 25 bbl. oil load, and swabbed and flowed 30 minutes into pits. May 23,  
1936: acidized with 3000 gals., with 70 bbl. oil load, set 8 hours, and  
flowed 429 bbls. oil in 5 hrs. 25 minutes thru 2 1/2" tubing with 1" choke.

## 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 3847 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing May 11 19 36The production of the first 24 hours was 50 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. \_\_\_\_\_

## EMPLOYEES

J.R. Miller, Driller B.A. Garrett, DrillerT.L. Kinney, Driller H. McWilliams, 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 27day of May, 19 36

George W. Rank  
Notary Public.

My Commission expires 12-3-38Hobbs, New Mexico. May 26, 1936.Name H. A. KinneyPosition ClerkRepresenting REPOLLO OIL COMPANY

Company or Operator

Address Box 156, Hobbs, New Mexico.

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	85	85	Sand and Red Rock
85	230	145	Sand, Gravel, and Shells
230	276	46	Red Rock and Shale
276	350	74	Shale and Sand
350	762	413	Red Rock
762	800	37	Sand
800	903	103	Sand and Red Rock
903	1092	189	Red Rock, Shale, and Streaks of Gypsum
1092	1147	55	Gypsum
1147	1209	62	Anhydrite
1209	1316	107	Anhydrite Streaks, Salt Streaks, and Red Rock
1316	1437	121	Salt, Anhydrite, and Shale
1437	1702	265	Anhydrite, Red Rock, and Salt Streaks
1702	1841	139	Anhydrite and Salt
1841	1862	21	Anhydrite
1862	1919	57	Anhydrite and Salt
1919	1968	49	Anhydrite Shells and Streaks of Salt
1968	2108	140	Salt, Shale, and Anhydrite Shells
2108	2392	284	Salt and Anhydrite
2392	2623	231	Anhydrite
2623	2656	33	White Lime---Show of gas 2635 - 2640
2656	2790	134	White Lime and Anhydrite Streaks
2790	2798	8	Brown Lime
2798	2830	32	White Lime
2830	2880	50	Brown Lime
2880	2890	10	White Lime
2890	2960	70	Brown Lime
2960	2978	18	Gray Lime
2978	3030	52	Brown Lime
3030	3060	30	Brown Lime and Anhydrite
3060	3090	30	Lime and Anhydrite
3090	3097	7	Anhydrite
3097	3161	64	Anhydrite and Brown Lime Shells
3161	3224	63	Anhydrite and Lime
3224	3259	35	Anhydrite and Lime Shells---Show gas 3250-3255
3259	3386	127	Anhydrite and Lime
3386	3444	58	Broken Lime and Anhydrite Shells
3444	3460	16	Anhydrite and Green Shale
3460	3482	22	Shale and Lime Streaks
3482	3514	31	Lime, Anhydrite, and Shale
3514	3519	5	Sandy Lime---Show of gas 3514 - 3519
3519	3527	8	Lime---Hard
3527	3546	19	Gray Lime
3546	3568	22	Gray Lime with Streaks of Green Shale
3568	3588	20	Green Shale and Lime Shells
3588	3621	33	Gray Lime
3621	3626	5	Brown Lime
3626	3630	4	Gray Lime
3630	3680	50	Gray and Brown Lime
3680	3847	167	Lime--- Show of gas at 3758 Pay from 3760 - 3775