



NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company REPOLLO OIL COMPANY Address WINK, TEXAS.
Send correspondence to L. SURRETT Address same
W. F. HANAGAN Well No. 2 in N/2 SW/4 of Sec. 12, T. 25-S, R. 36-E, N. M. P. M., Jal Oil Field Lea County.
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is Mrs. E.C. Stephens Address Jal, N.M.
The lessee is REPOLLO OIL COMPANY Address Wink, Texas.
If not state or patented land, give status _____
Drilling commenced Dec. 7th 1934 Drilling was completed January 9th 1935
Name of drilling contractor Loffland Bros. Address Tulsa, Okla.
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 3325 to 3347 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>15 1/2</u>	<u>70#</u>	<u>8th</u>	<u>?</u>	<u>52'</u>		<u>None</u>			
<u>10</u>	<u>45#</u>	<u>8 th</u>	<u>?</u>	<u>1450'</u>	<u>Float</u>	<u>none</u>			
<u>7"OD</u>	<u>26#</u>	<u>10th</u>	<u>Nat'l</u>	<u>3323'</u>	<u>Float</u>	<u>None</u>			
<u>2 1/2"</u>	<u>6.50#</u>	<u>10th</u>	<u>"</u>	<u>3338'</u>	<u>Tubing</u>	<u>No tubing catcher used</u>			

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>15 1/2</u>	<u>52'</u>	<u>100</u>	<u>Halliburton</u>	<u>11 1/2</u>	<u>25 ton</u>
<u>10</u>	<u>1450'</u>	<u>600</u>	<u>do</u>	<u>11 1/2</u>	<u>25 ton</u>
<u>7"OD</u>	<u>3323'</u>	<u>375</u>	<u>do</u>	<u>11 1/2</u>	<u>100 Ton</u>

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT

TOOLS USED

Rotary tools were used from 0 feet to 3347 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Jan. 9th 35 10 bbls. first 12 hrs. 100
The production of the first 24 hours was _____ barrels of fluid of which _____ % 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. _____

Well acidized on Jan. 11th w/2000 gal. acid; tested 190 bbls. in 12 hrs flowing wide open thru 2 1/2" tubing

EMPLOYEES

R. B. Wooster _____, Driller Fred Kaskie _____, Driller
Gilbert Ingham _____, 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 19th Name L. S. Surratt
day of January, 1935 Position Dist. Supt.
J. L. Surratt Representing Repollo Oil Company
Notary Public. Company or Operator.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	100	100	Surface clay & sand
100	764	664	Shale & shells
764	818	54	Red sticky shale & shells
818	900	82	Shale & sand
900	994	94	Shale & shells
994	1074	80	Red shale & shells
1074	1095	21	Shale
1095	1135	40	Hard sand
1135	1188	53	Sand lime (Struck air pocket 1188-1200')
1188	1428	240	Sandy shale
1428	1455	25	Anhydrite
1455	1591	138	Salt
1591	1695	104	Salt & anhydrite
1695	1720	25	Lime & anhydrite
1720	1890	170	Salt & anhydrite
1890	2034	144	Salt & anhydrite shells
2034	2040	6	Anhydrite
2040	2065	25	Salt
2065	2082	17	Anhydrite
2082	2110	28	Broken anhydrite
2110	2310	200	Sandy shale
2310	2432	122	Salt
2432	2441	9	Anhydrite
2441	2451	10	Salt
2451	2560	109	Sandy shale & shells
2560	2579	19	Anhydrite
2579	2628	49	Salt
2628	2705	77	Sandy shale & salt
2705	2738	33	Salt & anhydrite
2738	2741	3	Salt
2741	2760	19	Lime- Tope brown lime 2741
2760	2802	42	Anhydrite
2802	2824	22	Anhydrite & lime
2824	2851	27	Brown lime
2851	2877	26	Lime & anhydrite
2877	2898	21	Lime
2898	2921	23	Brown lime
2921	2943	22	Lime & anhydrite, hard
2943	3187	244	Lime
3187	3209	22	Gray lime & anhydrite
3209	3225	16	Lime
3225	3232	7	Soft lime
3232	3347	115	Lime (Cored from 3258-3347) Small showing oil @ 3268'

10" Casing tested by pump pressure of 800#
 7" OD Casing " " " " 1200#