

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 **WINK, TEXAS**
B.W. ARNOLD Well No. **L** in **NW/4** of **11** Sec. **20s**, T. **38-E**, N. M. P. M., **Nadine** Oil Field **Lea** County.
 If State land the oil and gas lease is No. _____ Assignment No. _____
 If patented land the owner is **B.W. Arnold** Address **?**
 The lessee is **Repollo Oil Company** Address **Wink, Texas Box 32**
 If not state or patented land, give status _____
 Drilling commenced **March 3,** 19**35** Drilling was completed _____ 19_____
 Name of drilling contractor **Loffland Bros.** Address **Tulsa, Okla. Exch. Bld.**
 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 _____ to _____ 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	
15 1/2	70#	8	?	306	None				
10	45#	8	?	2900	Comb. Float				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15 1/2	306	300 sacks	Hayibur-va	11#	?
10	2900	250 sacks	do	11#	?

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 **4757** feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **Dry hole**, 19____.
 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. _____

EMPLOYES

C.E. Rulen, Driller **Jack Loffland Jr.**, Driller
H.M. Taylor, 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 **25th** Name **L. Surret**
 day of **May**, 19 **35** Position **Dist. Superintendent**
W.D. Lison Representing **Repollo Oil Company**
 Notary Public. Company or Operator.

My commission expires **6-1-35**

DUPLICATE

60
80
226
489
787
1176

80
206
489
787
1176
1264

80
226
489
419
86

Call he and shells
red bed, red rock shells
red rock and red
red rock, shale, shells
red bed, rock and shells
red rock, red rock

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
1264	1279	15	Red Rock and shells
1279	1290	11	Red bed and shells
1290	1300	10	and shell
1300	1400	100	Red Rock and shells
1400	1470	70	Red Rock
1470	1505	35	Broken gap and shells
1505	1523	18	Red Rock and hard gap shells
1523	1542	19	Red Rock, gap & anhydrite shells
1542	1560	18	Lime & anhydrite
1560	1579	19	Anhydrite
1579	1591	12	Broken shells
1591	1598	7	Anhydrite
1598	1624	26	Red Rock and anhydrite shells
1624	1640	16	Broken anhydrite
1640	1700	60	Salt & anhydrite shells
1700	1833	133	Broken salt
1833	1895	62	Salt, anhydrite and shells
1895	1915	20	Anhydrite
1915	1936	21	Broken salt
1936	1996	60	Broken salt and shells
1996	1999	3	Anhydrite
1999	2008	9	Broken salt
2008	2008	0	Anhydrite
2008	2043	35	Anhydrite, potash, salt
2043	2175	132	Salt and shells
2175	2177	2	Salt
2177	2201	24	Potash, salt and shells
2201	2236	35	Salt
2236	2332	96	Broken salt and shells
2332	2330	2	Salt
2330	2350	20	Anhydrite
2350	2420	70	Salt and shells
2420	2428	8	Anhydrite
2428	2439	11	Salt and shells
2439	2479	40	Anhydrite & potash
2479	2572	93	Salt and shells
2572	2658	86	Salt
2658	2745	87	Anhydrite
2745	2779	34	Anhydrite and shells
2779	2775	4	Anhydrite
2775	2779	4	Broken anhydrite
2779	2800	21	Anhydrite
2800	2801	1	Lime
2801	2851	50	Anhydrite
2851	2880	29	Anhydrite and shells
2880	2949	69	Anhydrite and lime
2949	3070	121	Broken lime
3070	3165	95	Gray lime
3165	3183	18	Brown lime
3183	3214	31	Brown and hard lime, shells
3214	3268	54	Broken anhydrite
3268	3328	60	Lime and anhydrite
3328	3373	45	Anhydrite
3373	3408	35	Anhydrite, lime and shells
3408	3423	15	Lime and anhydrite
3423	3423	0	Broken anhydrite
3423	3444	21	Anhydrite and lime
3444	3476	32	Anhydrite (showing gas @ 3480')
3476	3495	19	Anhydrite and lime
3495	3495	0	Broken anhydrite
3495	3501	6	Anhydrite and lime broken
3501	3511	10	Anhydrite
3511	3579	68	Broken anhydrite and shale
3579	3595	16	Anhydrite and lime (showing gas @ 3585)
3595	3600	5	Anhydrite
3600	3600	0	Broken anhydrite
3600	3648	48	Broken lime, anhydrite
3648	3695	47	Broken anhydrite and lime
3695	3770	75	Lime, anhydrite
3770	3804	34	Anhydrite
3804	4040	236	Anhydrite, lime
4040	4048	8	Lime
4048	4071	23	Lime and anhydrite
4071	4085	14	Lime, anhydrite, shells
4085	4094	9	Lime, Anhydrite
4094	4100	6	Gray lime and anhydrite
4100	4105	5	Show of brown lime
4105	4114	9	Brown and gray lime, Anhydrite
4114	4128	14	Anhydrite, Broken lime
4128	4135	7	Anhydrite, Hard lime
4135	4152	17	Broken lime, anhydrite
4152	4157	5	Anhydrite
4157	4165	8	Lime
4165	4165	0	Lime and anhydrite
4165	4188	23	Lime, anhydrite, shells
4188	4201	13	Lime, anhydrite
4201	4214	13	Lime, broken anhydrite
4214	4225	11	Lime with anhydrite, shells
4225	4231	6	Brown lime
4231	4240	9	Broken brown and gray lime
4240	4290	50	Gray lime and shells
4290	4294	4	Gray and white lime, shale
4294	4300	6	Gray lime, shale
4300	4308	8	Soft gray lime
4308	4341	33	Gray and brown lime
4341	4378	37	Gray lime
4378	4405	27	Sandy gray lime
4405	4415	10	Gray and brown lime
4415	4420	5	Gray lime
4420	4443	23	Broken brown lime
4443	4448	5	Lime
4448	4488	40	Gray sandy lime
4488	4496	8	Broken brown lime
4496	4506	10	Lime
4506	4511	5	Lime (steel line correction)
4511	4535	24	Gray sandy lime
4535	4569	34	Broken brown and gray sandy lime
4569	4580	11	Brown lime
4580	4595	15	Brown and gray lime (little gas & oil show)
4595	4641	46	Brown and gray lime, potash
4641	4675	34	Brown and gray lime
4675	4704	29	Gray lime and chert
4704	4722	18	Gray and brown lime, chert shells
4722	4738	16	Gray and brown lime, hard chert
4738	4787	49	Gray and brown lime (300' sulphur water)