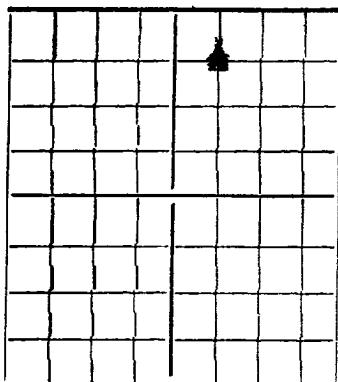


N.

## NEW MEXICO OIL CONSERVATION COMMISSION



AREA 640 ACRES  
LOCATE WELL CORRECTLY

DUPLICATE

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILED OUT.

Repollo Oil Co.

Box 1427, Hobbs, N.M.

Company or Operator

Address

Alexander Rodgers Well No. 1 in N/4NE/4 of Sec. 12, T. 22S

Lease

R. 37E, N. M. P. M., Paddock Field, Lea County.

Well is 660 feet south of the North line and 660 feet from West line of NW/4NE/4 Sec. 12-22S-37E

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

If patented land the owner is Alexander Rodgers, Address Eunice, N. M.

If Government land the permittee is, Address

The Lessee is, Address

Drilling commenced May 10 19 45 Drilling was completed June 24 19 45

Name of drilling contractor MeVey &amp; Stafford, Address Tulsa, Okla.

Elevation above sea level at top of casing 3355 feet.

The information given is to be kept confidential until 19.

## OIL SANDS OR ZONES

No. 1, from 5109 to 5282 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
13 3/8"	48	8RTR3	F#	278				
9 5/8"	36	8RTR3	J55	2884				
7"OD	23	8RTR2	J55	5282				
2"UE	4.7	8RTR1	J55	5205				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/4	13 3/8	280	300	Halliburton		
12 1/2	9 5/8	2885'	1000	do		
8 3/4	7"	5282'	300	do		

## PLUGS AND ADAPTERS

Heaving plug—Material none Length Depth Set

Adapters—Material none Size

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		15% XF acid	1500gals.	7-2-45	5189-5224	
		15% XX "	4000 "	7-4-45	5189-5224	

Results of shooting or chemical treatment Flowed 12 1/2 bbls. per hr. after 1st treatment, flowed 202 1/2 bbls. oil in 6 hrs. after second treatment

## 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 5293 feet, and from feet to feet

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

## PRODUCTION

Put to producing July 16, 19 45.

The production of the first 6 hours was 252 1/2 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

L.L. Livey, Driller E.N. Hoase, Driller

E.R. Hailer, 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.

Hobbs, N.M. July 10, 1945

Place

Date

Subscribed and sworn to before me this 10th

day of July, 1945

Name L.L. Livey

Position Driller

Representing Repollo

Company or Operator

My Commission expires 2-4-46

Address 207 1427 / Hobbs

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Sand & Caliche
40	80	40	Sand & gravel
80	600	520	Red bed
600	1135	535	Red bed & red rock
1135	1195	60	Anhy. & gyp
1195	1222	27	Anhy. & salt
1222	1287	65	Anhy. & red rock
1287	1368	81	Redbed & green shale
1368	2480	1112	Anhy. & salt
2480	2680	200	Anhy.
2680	2692	12	Anhy, Potash & sand
2692	2934	242	Anhy.
2934	2975	41	Anhy., Sand & blue shale
2975	3439	464	Anhy. & shale
3439	3632	193	Anhy. & lime
3632	3704	72	Lime
3704	3731	27	Brown & gray lime
3731	3834	103	Lime
3834	3852	18	Lime, gray
3852	3864	12	Lime, brown & gray, broken
3864	3975	111	Lime
3975	4188	213	Lime & blue shale
4188	4194	6	Lime, brown & gray
4194	4280	86	Lime, gray
4280	4296	16	Lime, brown & black shale
4296	4300	4	Lime, brown & gray
4300	4372	72	Lime & sulphur
4372	4547	175	Lime
4547	4586	39	Lime, brown
4586	4657	71	Lime
4657	4676	19	Lime, brown
4676	4790	114	Lime
4790	4837	47	Lime, brown sandy
4837	4935	98	Lime
4935	4947	12	Lime, anhy. & gyp
4947	5115	168	Lime
5115	5147	32	Lime, broken & porous
5147	5182	35	Lime, soft
5182	5194	12	Lime, broken
5194	5201	7	Lime, gray
5201	5222	21	Lime, broken
5222	5293	71	Lime

Following notations on drilling report:  
 Light odor oil f/4107 to 4194; oil show in  
 samples & on pits from 4280 to 4296 & oil stain  
 from 4296 to 4300. Odor oil & gas from 4300-  
 4372, show oil 4657-4664. Gas & oil show  
 5121-5147, odor oil & gas 5147-5190.  
 Show oil 5201-5222, strong show.

Deviation Test: straight @

## VERTICAL DEVIATION SURVEYS

290' hole off 0 degrees  
 500' " 1/2 "  
 750' " 1 "  
 836' " 1/2 "  
 1000' " 1/2 "  
 1250' " 1/2 "  
 1550' " 1/2 "  
 2000' " 1 1/4 "  
 2200' " 1 3/4 "  
 2300' " 2 "  
 2320' " 1 1/4 "  
 2330' " 2 "  
 2420' " 1 3/4 "  
 2500' " 3/4 "  
 2761' " 1 1/2 "  
 3150' " 1/2 "  
 3400' " 3/4 "  
 3630' " 1 1/4 "  
 3900' " 0 "  
 4150' " 1/2 "  
 4550' " 3/4 "  
 4950' " 1 1/4 "  
 5070' " 3/4 "