

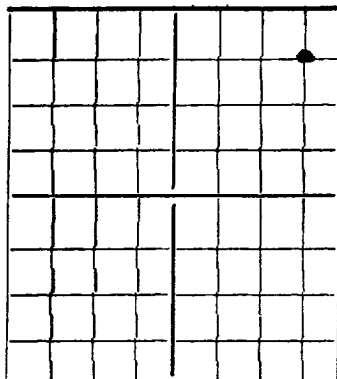
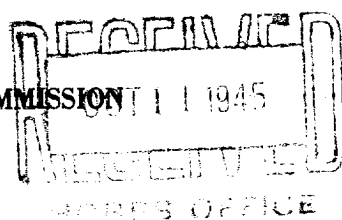
N.

DUPLICATE

NEW

MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Repollo Oil Company Hobbs, N. Mex.
Company or Operator Address
Alexander Rodgers Well No. **2** in **NENE** of Sec. **12**, T. **22S**
Lease
R. **37 E**, N. M. P. M., **Paddock** Field, **Lea** County.
Well is **660** feet south of the North line and **660** feet west of the East line of **NENE**
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **Alexander Rodgers**, Address **Hobbs, N. Mex.**
If Government land the permittee is, Address
The Lessee is, Address
Drilling commenced **July 13** 19 **45**, Drilling was completed **Aug. 18**, 19 **45**.
Name of drilling contractor **McVay & Stafford Drig. Co.**, Address **Tulsa, Okla.**
Elevation above sea level at top of casing **3345** feet.
The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from **5149** to **5289** 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	8RT	H40SS	272	none			
9 5/8"	40	8RT	J55SS	2887	Float			
7"OD	23	8RT	J55SS	5290	Float			
2"UE	4.7	8RT	J55	5180				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
16"	13 3/8	273	300	Halliburton		
12 1/2	9 5/8	2888	1000	do		
8 7/8	7"OD	5289	300	do		

PLUGS AND ADAPTERS

Heaving plug—Material **none** 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
acid		2000 Gal.		8/28/45	5119-5159	
do		1000 "		9/9/45	5234-5249	
do		2000 "		9/22/45	5179-5199	
do		2000 "		10/1/45	5168-5189	

Results of shooting or chemical treatment **Swab & Flowed 192 Bbl. oil 24 Hrs.**

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 **5289** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **Oct. 1**, 19 **45**.
The production of the first 24 hours was **192** 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

H. D. Higgins, Driller **L. L. Livey**, Driller
E. A. Hailes, 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. Oct. 10, 1945
Place Date

Subscribed and sworn to before me this **10th**

Name **W. B. P. King**

Position **Dist. Supt.**

Representing **Repollo Oil Company**
Company or Operator

Address **Hobbs, N. M.**

My Commission expires **2-4-46**

Notary Public.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Caliche
40	110	70	Sand & Gravel
110	380	270	Red bed
380	1065	685	Red bed & shells
1065	1236	171	Red rock & sand
1236	1387	151	Anhydrite
1387	2452	1065	Anhydrite & salt
2452	2909	457	Anhydrite
2909	3418	509	Anhydrite & shale
3418	3500	82	Anhydrite & lime
3500	3525	25	Anhydrite & brown shale
3525	3550	25	Anhydrite & green shale
3550	3735	185	Anhydrite & lime
3735	4333	598	Lime
4333	4342	9	Lime, brown & gray & blue shale-odor oil 4333
4342	4397	55	Lime, broken, brown & gray
4397	4865	468	Lime
4865	4880	15	Lime, brown & gray - oil stain 4865
4880	5014	134	Lime
5014	5024	10	Lime, sandy
5024	5138	114	Lime
5138	5162	24	Lime, broken, gray & dolomite
5162	5195	33	Lime, brown, sandy- oil stain 5162
5195	5246	51	Lime
5246	5270	24	Lime, broken
5270	5278	8	Lime, Med. hard
5278	5289	11	Lime.

DEVIATION SURVEY

280 Ft. no degrees from vertical

1106 "	1/2 "	" "
1250 "	0 "	" "
1500 "	0 "	" "
1750 "	1/4 "	" "
2200 "	1 1/4 "	" "
2425 "	1 "	" "
2730 "	1 "	" "
2850 "	3/4 "	" "
3150 "	1 3/4 "	" "
3250 "	1 1/4 "	" "
3500 "	3/4 "	" "
3750 "	1 3/4 "	" "
3780 "	1 3/4 "	" "
3900 "	1 "	" "
4100 "	1 1/4 "	" "
4550 "	1 "	" "
4650 "	1 1/2 "	" "
4750 "	1 "	" "
5050 "	3/4 "	" "

DRILL STEM TEST

8/18/45- Set packer @ 5229 Ft., tool open
2 hours, recovered 180 Ft. drilling
mud and 90 Ft. Salt water- No oil or
Gas.