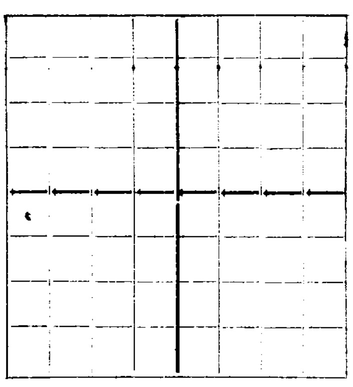
FORM C-105

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
JUN 13 1938
HOBBS OFFICE

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.

DUPLICATE

Repollo Oil Company (Company or Operator) Hobbs, New Mexico (Address)

W. C. Roach (Lease) Well No. 4 in NWSW of Sec. 21, T. 20S

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

Well is 330' F/ West and 2310 F/ South Lines of W/2 Sec. 21 feet south of the North line and feet west of the East line of

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

If patented land the owner is , Address

If Government land the permittee is , Address

The Lessee is , Address

Drilling commenced Sept. 4, 1937. Drilling was completed Oct. 9 1937

Name of drilling contractor Loffland Bros., Address Tulsa, Okla.

Elevation above sea level at top of casing 3517 feet.

The information given is to be kept confidential until 19 .

OIL SANDS OR ZONES

Very Small Show 3670-3850

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. 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		PURPOSE
							FROM	TO	
13" OD	40#	8		202	none				
9 5/8" OD	40#	8		1186	Float				
7" OD	24#	10		3626	Float				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15½	13" OD	220	300	Halliburton		
11¼	9 5/8"	1205	400	do		
9"	7" OD	3636	300	do		

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
		Nitroglycerin	285 qts.	11/12/37	3700-3855	bottom
	Acid	Dowell "XX"	5000 qts.	11/22/37	3645-3872	

Results of shooting or chemical treatment Very small show oil and lot of water

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 3875 feet, and from feet to feet

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

PRODUCTION

Put to producing no 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.

EMPLOYEES

Fred H. Gray, Driller Joe Christesson, Driller

C. H. Fielden, 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 6th day of June, 1938

Gothard
Notary Public

My Commission expires 2/4/42

Hobbs, New Mexico (Place) June 6, 1938 (Date)

Name Floyd Brett

Position Production Foreman

Representing Repollo Oil Company (Company or Operator)

Address Hobbs, N.M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	60	60	Sand & Shells
60	224	174	Sand & Red Bed
224	1130	906	Red Bed
1130	1240	110	Anhydrite
1240	1651	411	Salt & Anhydrite
1651	1977	326	Salt
1977	2440	463	Salt & Anhydrite
2440	2498	58	Anhydrite
2498	2664	166	Anhydrite & Lime
2664	3850	986	Lime
3850	3860	10	Sandy Lime
3860	3875	15	Lime

Cemented back From 3875 to 3860 w/ 25 sacks cement

DRILL STEM AND SPECIAL TESTS- W. C. Roach Well # 4

DRILL STEM TEST

NONE

DEVIATION SURVEYS

1000	Feet	1/2	Degree	From	Vertical
1250	"	1	"	"	"
1500	"	1/2	"	"	"
1615	"	1/2	"	"	"
1750	"	1/2	"	"	"
1900	"	1	"	"	"
2050	"	2	"	"	"
2140	"	1	"	"	"
2250	"	1	"	"	"
2400	"	1	"	"	"
2530	"	1	"	"	"
2600	"	1	"	"	"
2750	"	1/2	"	"	"
3000	"	1/2	"	"	"
3250	"	1/2	"	"	"