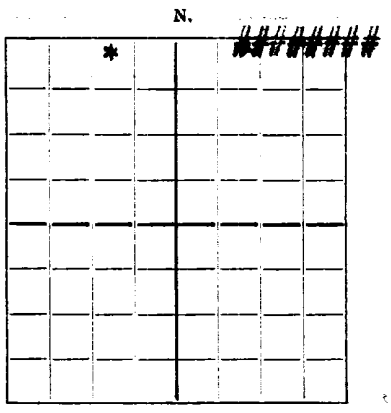
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

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.

REPOLLO OIL COMPANY — Company or Operator — WILLIAM C. ROACH — Lease

Well No. 2 in NWNENW of Sec. 21, T. 20S R. 37E, N. M. P. M., Monument Field, Lea County.

Well is 330 feet south of the North line and 1650 feet ~~west~~ East of the ~~East~~ West line of Sec. 21-20S-37E

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

If patented land the owner is William C. Roach, Address ?

If Government land the permittee is _____, Address _____

The Lessee is _____, Address _____

Drilling commenced Nov. 7th 19 36. Drilling was completed Dec. 12 19 36

Name of drilling contractor M. J. Delaney, Inc., Address Dallas, Texas

Elevation above sea level at top of casing 3521 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

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	PERFORATED TO	PURPOSE
12½	50#	8	?	217	none				
9 5/8" OD	40#	8	?	1390	Comb. Float				
7" OD	24#	10	?	3709	Comb. Float				
Tbg. 2½" UE	6.5#	10	?	3824 at 3832'					

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"	12½"	234	300	Halliburton	?	?
11½"	9-5/8"	1408	500	"	?	?
8-3/4"	7" OD	3723	400	"	?	?

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
		NONE				

Results of shooting or chemical treatment None

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 3845 feet, and from _____ feet to _____ feet

Cable toops were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing December 12, 1936

The production of the first 15 hours was 835 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

D.E. Spoonts, Driller — O. A. Bourg, Driller

G. L. Rushing, 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 28 day of Dec., 1936

Notary Public

My Commission expires 12-3-38

Hobbs, New Mexico. Dec. 26, 1936
Place Date

Name _____

Position Dist. Supt.

Representing Repollo Oil Company
Company or Operator.

Address Hobbs, N. M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	225	225	Sand
225	578	353	Red Rock
578	847	269	Red Rock & Gravel
847	1055	208	Red Rock
1055	1065	10	Red Rock & Shale
1065	1075	10	Anhydrite & Shale
1075	1098	23	Anhydrite
1098	1130	32	Anhydrite & Red Rock
1130	1235	105	Anhydrite
1235	1260	25	Red Rock, [redacted] Shale, Potash & Salt
1260	1425	160	Anhydrite, Salt & Red Rock
1425	1430	5	Salt
1430	1445	15	Anhydrite
1445	1500	55	Anhydrite, Salt & Red Rock
1500	1760	260	Anhydrite & Salt
1760	1915	155	Anhydrite, Salt & Potash
1915	2081	166	Anhydrite & Salt
2081	2380	299	Salt & Potash
2380	2383	3	Anhydrite
2383	2438	55	Anhydrite & Lime
2438	2533	95	Anhydrite
2533	2580	47	Anhydrite & Lime
2580	2608	28	Anhydrite & Gypsum
2608	2665	57	Anhydrite, Gypsum & Potash
2665	2738	73	Anhydrite
2738	2790	52	Anhydrite & Lime
2790	3385	595	Lime Small show gas 3240-48
3385	3430	45	Brown Lime-Little gas 3385 to 3405
3430	3845	415	Lime

RECORD OF DRILL-STEM AND SPECIAL TESTS- W. C. ROACH # 2

D R I L L - S T E M T E S T S

N O N E

D E V I A T I O N S U R V E Y S

1000	Feet	3/4	Degree	from	vertical
1500	"	1-1/2	"	"	"
2000	"	2	"	"	"
2500	"	1	"	"	"
3005	"	1/2	"	"	"
3522	"	1	"	"	"

[illegible]