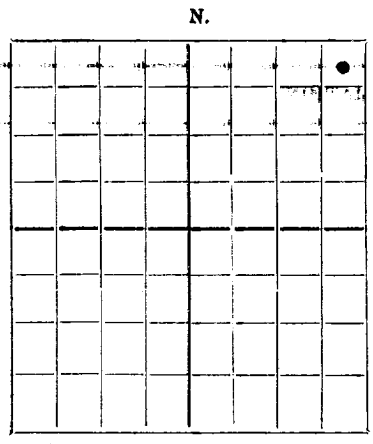
FORM C-105

DUPLICATE



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) JAMES H. WILLIAMS (Lease)

Well No. 1 in NE/4 of Sec. 33, T. 19-S R. 37-E, N. M. P. M., Monument Field, Lea County.

Well is 330 feet south of the North line and 330 feet west of the East line of Sect. 33-19-S R-37-E

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

If patented land the owner is James H. Williams, Address ?

If Government land the permittee is _____, Address _____

The Lessee is _____, Address _____

Drilling commenced December 14 19 35. Drilling was completed March 27 19 36

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

Elevation above sea level at top of casing 3587 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. 2, 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
15½"	70#	8	?	263'.	None				
9-5/8"	40#	8	?	2595'	Comb.	Float			
7 "	24#	10	?	3743'.	Comb.	Float			
2½"	6.5#	10	?	3931'					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
19-5/8	15½	281 .	250	Halliburton	?	?
11½	9-5/8	2613	200	"	?	?
8¾	7	3762 .	65	"	?	?

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
		Dowell DX	2000	3-7-36	3916 - 20	
		Dowell DX	2000	3-9-36	4134 - 53	

Results of shooting or chemical treatment First treatment; After acid flowed between 150-200 bbls. fluid. After second treatment; swabbed once every hour from bottom of ~~casing, and swabbed 125 bbls. water and 20 bbls. oil in 13 hours.~~

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 3800 feet, and from _____ feet to _____ feet

Cable tools were used from 3800 feet to 4153 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing March 25, 19 36

The production of the first 24 hours was Pumped 15 bbls. oil and 167 bbls. water in 24 hours. 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

Cecil Watson S.H.Fountain, Driller W. E. Sample, Driller

GL. Rushing, Driller Fred Winger, 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 6 day of April 1936

Notary Public.

My Commission expires 12-3-38

~~Hobbs, New Mexico~~ (Place) _____ (Date)

Name _____

Position Dist. Superintendent

Representing REPOLLO OIL COMPANY (Company or Operator)

Address Box #156 Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Caliche
20	45	25	Caleche and White Sand
45	60	15	Sand
60	100	40	Red Rock and Red Bed
100	130	30	Sand and Red Rock
130	170	40	Sand and Caleche Shells
170	220	50	Red Rock and Sand
220	250	30	Red Rock
250	289	39	Red Rock and Red Bed
289	380	91	Red Rock and Shells
380	510	130	Red Bed and Red Rock
510	575	65	Red Rock and Shale
575	755	180	Red Bed and Red Rock
755	825	70	Red Rock and Shale
825	898	73	Red Bed and Red Rock
898	985	87	Red Rock and Streaks of Green Shale
985	1055	70	Red Rock and Shale
1055	1093	38	Red Rock and Red Bed
1093	1120	27	Red Rock, Red Bed, and White Lime Shells
1120	1207	87	Red Rock
1207	1260	53	Red Bed, Red Rock, and Blue Shale
1260	1292	32	Red Rock and Shells
1292	1305	13	Gypsum and Red Rock
1305	1311	6	Hard Red Rock
1311	1314	3	Broken Blue Shale
1314	1316	2	Gypsum and Red Rock
1316	1326	10	Gypsum
1326	1345	19	Red Rock and Red Bed
1345	1347	2	Red Shale
1347	1364	17	Anhydrite
1364	1372	8	Broken Anhydrite
1372	1424	52	Broken Anhydrite and Red Bed
1424	1505	81	Anhydrite and Broken Salt
1505	1548	43	Salt and Red Rock
1548	1595	47	Anhydrite, Red Bed, and a little Salt
1595	1695	100	Broken Anhydrite and Salt
1695	1725	30	Salt and Anhydrite
1725	1732	7	Broken Anhydrite and Salt
1732	1735	3	Hard Anhydrite
1735	1740	5	Red Bed
1740	1744	4	Broken Salt and Red Bed
1744	1767	23	Broken Anhydrite and Red Bed
1767	1830	63	Broken Anhydrite and Salt
1830	2008	178	Salt and Potash
2008	2010	2	Anhydrite
2010	2135	125	Broken Anhydrite and Potash
2135	2180	45	Salt
2180	2205	25	Potash and Blue Shale
2205	2210	5	Salt and Potash
2210	2215	5	Broken Anhydrite
2215	2225	10	Salt and Potash
2225	2232	7	Broken Anhydrite
2232	2291	59	Salt and Anhydrite
2291	2355	64	Broken Anhydrite, Salt, and Potash
2355	2365	10	Salt
2365	2385	20	Anhydrite and White Lime
2385	2450	65	Salt
2450	2520	80	Potash, Salt, and Hard Anhydrite Shells
2520	2547	17	Lime and Anhydrite
2547	2710	163	Anhydrite
2710	2745	35	Broken Anhydrite and Brown Sand
2745	2790	45	Anhydrite
2790	2850	60	Anhydrite and Sand
2850	2869	19	Brown Lime
2869	2894	25	Anhydrite and Brown Lime
2894	2925	31	Lime and Anhydrite
2925	2975	50	Brown Sand, Lime, and Anhydrite
2975	3000	25	Broken Anhydrite and Lime Shells
3000	3029	29	Anhydrite and Lime
3029	3185	146	Anhydrite
3185	3208	22	Sandy Lime
3208	3234	26	Anhydrite and a little Brown Lime
3234	3260	26	Anhydrite and Lime Shells
3260	3290	30	Anhydrite and Lime
3290	3322	32	Anhydrite and Sandy Lime Shells
3322	3340	18	Anhydrite
3340	3368	28	Lime and Anhydrite
3368	3400	32	Anhydrite and Broken Lime Shells
3400	3450	50	Anhydrite
3450	3520	70	Anhydrite and Lime Shells
3520	3557	37	Anhydrite and Lime
3557	3577	20	Brown Lime
3577	3590	13	Lime and Anhydrite
3590	3600	10	Brown Sandy Lime and Blue Shale
3900	3616	16	Anhydrite and Blue Shale
3616	3632	16	Anhydrite, Gray Lime and a little Blue Shale
3632	3665	33	Lime and Anhydrite. Show gas 3665
3665	3670	5	Soft Sandy Lime. Incr. gas 3665 to 3670
3670	3682	12	Lime
3682	3692	10	Lime and Anhydrite
3692	3713	21	Lime
3713	3722	9	Lime and Anhydrite
3722	3754	32	Lime
3754	3763	9	Lime and Anhydrite Streaks
3763	3773	10	Lime and Anhydrite
3773	3778	5	Lime
3778	3781	3	Lime and Anhydrite Shells
3781	3794	13	Lime and Sand
3794	3805	11	Lime
3805	3810	5	Blue Lime
3810	3812	2	Blue Shale
3812	3815	3	Gray Lime
3815	3820	5	Hard Gray Lime
3820	3897	77	Gray Lime Show oil 3860 to 3865
3897	3922	25	Lime Oil 3913 to 3916
3922	3933	11	Medium Hard Lime
3933	3943	10	Lime
3943	3950	7	Sandy Lime
3950	3956	6	Lime
3956	3962	6	Gray Lime
3962	3965	3	Brown Lime
3965	3970	5	Medium Lime
3970	3974	4	Hard Lime
3974	3985	11	Hard Gray Lime
3985	3995	10	Light Brown Lime
3995	4153	158	Lime