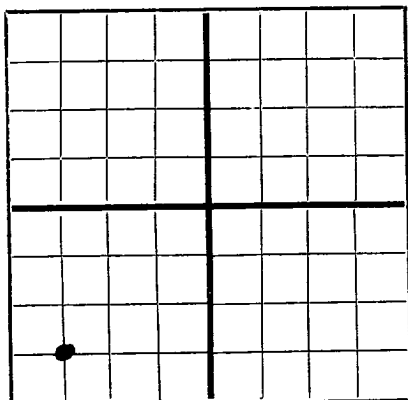


DUPLICATE

RECEIVED
MAY 28 1948
HOBBS OFFICE

FORM C-105

N



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

REPOLLO OIL COMPANY Box 1427 Hobbs, N.M. Box 521 Tulsa, Okla.
Company or Operator Address
J. R. PHILLIPS "A" Well No. 5 in SW SW of Sec. 31, T. 19S
Lease
R. 37 E, N. M. P. M., Clear Fork Field, Lea County.
Well is 4620 feet south of the North line and 4620 feet west of the East line of Sec. 31
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is J. R. PHILLIPS Address ?
If Government land the permittee is Address
The Lessee is Address
Drilling commenced March 29 1948 Drilling was completed May 21 1948
Name of drilling contractor Clay & Gaskle Address Hobbs, N.M.
Elevation above sea level at top of casing 3571 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 5689 to 5709 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	
10 3/4	40	8V		250	None				
7 5/8	26.4	8R		2852	Float				
5 1/2	17	8R		5708	"		5684	5704	produce oil
2" UE	4.7	8R & 10V		5705					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
	10 3/4	254	300			
	7 5/8	2852	1000			
	5 1/2	5708	325			

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 5709 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing June 1 1948
The production of the first 24 hours was 936 barrels of fluid of which 93% was oil; %
emulsion Fresh 7% water; and % sediment. Gravity, Be. 40.8
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Jack Piner Driller R. E. Whitley Driller
B. A. 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.

Subscribed and sworn to before me this 25th

day of May 1948

Notary Public

My Commission expires 2-4-50

Hobbs, N.M. May 25 1948

Name W. B. Rhoads

Position Dist. Supt.

Representing Repollo Oil Co.
Company or Operator

Address Box 1427 Hobbs, N.M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	29	29	Caliche
29	259	230	Caliche & Red bed
259	999	769	Red Bed
999	1089	99 1089 x	Anhydrite
1089	1369	280	Salt
1369	2301	932	Salt & Anhydrite
2301	2363	62	Anhydrite & Pyrites
2363	2380	17	Anhydrite
2380	2569	189	Anhydrite & Gyp
2569	2591	22	Lime
2591	2728	137	Lime & Anhydrite
2728	2827	99	Anhydrite & sandy Lime
2827	2854	27	Anhydrite & Lime
2854	2894	40	Lime
2894	2957	63	Anhydrite & Lime (sandy)
2957	3017	60	Anhydrite & lime
3017	3080	63	Lime
3080	3109	29	Lime (sandy)
3109 Sand	3119	10	Sand (Oder of gas)
Anhydrite & Lime			
3119	3163	44	Anhydrite & lime
3163	3170	7	Sand (Oil)
3170	3319	149	Lime (sandy)
3319	3534	215	Anhydrite & Lime
3534	3706	172	215 Lime
3706	3877	171	Lime (sandy)
3877	3894	17	Lime
3894	3949	55	Lime (sandy)
3949	3969	20	Lime
3969	4006	37	Lime (sandy)
4006	4010	4	Lime
4010	4189	179	Lime (sandy)
4189	4271	82	Lime & Anhydrite
4271	4374	103	Lime
4374	4543	169	Lime (sandy)
4543	4584	41	Lime
4584	4617	33	Lime & Gyp
4617	4659	42	Lime (Brown sandy)
4659	4770	111	Lime
4770	4884	114	Lime (sandy)
4884	4914	30	Lime
4914	5014	100	Lime (sandy)
5014	5035	21	Lime
5035	5080	45	Lime & Gyp
5080	5112	32	Lime
5112	5294	182	Lime (sandy)
5294	5322	28	Lime (Brown sandy)
5322	5504	182	Lime
5504	5529	25	Lime (sandy) (oder of oil)
5529	5549	20	Lime (hard)
5549	5559	10	Lime
5559	5580	21	Lime (sandy) (oil stain)
5580	5679	99	Lime (sandy)
5679	5689	10	Lime
5689	5709	20	Lime (Pay section)

DST - 5204' to 5240' - Open 1 Hr. 20 Min. - No gas to surface - slight blow throughout test - Recovered 110' of fluid - slight show of oil & gas cut mud.

DST - 5518' to 5559' - Open 3 Hrs. - recovered 40' of drilling mud - slight blow throughout test - Slight show of oil & gas - No water - 20 Min BUP 150# Hydrastatic pressure 2650#.

DST - 5559' to 5594' - Open 3 Hrs. - slight blow throughout test - show of gas - No oil - recovered 93' of fluid - small amount of Sulphur water

DST - 5662' to 5703' - Open 1 Hr. 30 Min. - Gas to surface in 3 Min. - Mud in 7 Min. - Oil to surface in 10 Min. - Flowed in tank for 1 hour - 63 Barrels of oil - GOR 803.

DEVIATION TESTS

DEPTH	DEGREES OFF	DEPTH	DEGREES OFF
1000	1/2	3715	1 1/4
1200	1/4	3748	1 1/4
1500	0	3845	1 1/2
1750	0	4010	1 3/4
2000	0	4230	2
2250	1/4	4325	2
2450 2400	1	4510	2 1/2
2550	1 1/2	4570	2 1/2
2650	1 1/2	4665	2 3/4
2710	3/4	5080	2 1/4
2800	3/4	5525	2 1/4
3075	3/4		
3410	1/2		
3550	1		

Swabbed well 3 Hours - Flowed 936 barrels of oil cut 7% first 24 hours.

Handwritten signature/initials