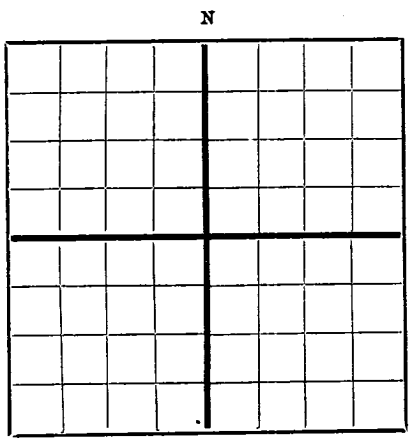
DUPLICATE

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

Company or Operator ..... Address .....

R. L. Brunson Lease Well No. 8 in NW/4 NW/4 of Sec. 3, T. 22S

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

Well is 3340 feet south of the North line and 4440 feet west of the East line of Sec. 3-22-37

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

If patented land the owner is R. L. Brunson, Address .....

If Government land the permittee is ....., Address .....

The Lessee is ....., Address .....

Drilling commenced August 4 19 48 Drilling was completed Sept. 24 19 48

Name of drilling contractor Clay & Conkle, Address .....

Elevation above sea level at top of casing 3425 feet.

The information given is to be kept confidential until ..... 19 .....

OIL SANDS OR ZONES

No. 1, from 7349 to 7419 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
10 3/4	40.5	8R	[illegible]	300					
7 5/8	26.4	8R	J55	2785					
5 1/2	17	8R	J55	7434	Larkin				
2 [illegible]	4.7	8R	J55	7433					

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	296	300	Halliburton		
	7 5/8	2785	1000	"		
	5 1/2	7434	600	"		

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 No chemical used

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 surface feet to 7434 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, 1948, 19 .....

The production of the first 24 hours was 24 Bbl. 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

[illegible] Box, Driller [illegible] Fenton, Driller

[illegible] Miller, 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 7th day of Oct. Hobbs, N.M. 1948
Place Date

day of October, 1948

[illegible] Notary Public

My Commission expires 2-1-50

Name [signature]

Position 1st. Supt.

Representing Cepollo Oil Co.
Company or Operator

Address Box 1427 Hobbs, N.M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	177	177	Surface & Caliche
177	304	127	Redbed
304	1094	790	" & Shell
1094	1103	9	Anhydrite
1103	1249	146	Sand- Anhydrite & shale
1249	2426	1177	Salt & Anhydrite
2426	2789	363	Anhydrite & Gyp
2789	3054	265	Anhydrite
3054	3165	111	Anhydrite-Lime & sand
3165	3365	200	Anhydrite & sand
3365	3464	99	Lime
3464	3549	85	Sandy Lime
3549	3564	15	Anhydrite & Lime
3564	3646	82	Lime
3646	3847	201	Sandy Lime (Broken)
3847	4089	242	Lime
4089	4212	123	Sandy Lime
4212	5514	1302	Lime
5514	5557	43	Lime (Brown sandy)
5557	6515	958	Lime
6515	6563	48	Lime (Broken)
6563	7396	833	Lime
7396	7425	29	Lime & sand
7425	Lime 7432	7	Lime
7432	7434	2	Granite

DEVIATION SURVEY

DEPTH	DEGREES OFF
300	0
700	1/4
1600	1/4
1375	0
1600	1/2
1850	3/4
2100	11/4
2300	11/2
2500	1
2730	3/4
2800	3/4
3150	3/4
3550	1/2
4190	1/2
4474	1/4
5175	1/4
5662	3/4
6000	2
6800	1 3/4
7000	3/4

ELECTRIC LOG Made 9-13-48 @ 7432 by Schlumberger

DST - 7189 to 7219 - Slight blow throughout test - No gas to surface - Small amount of gas in drill pipe - recovered 80 Ft. of drilling mud - No free oil or water Hydrostatic pressure 3430# - 15 Min. BHP 2200#

DST- 7289 to 7340 - Open 1 Hr. 5 Min. - Gas to surface in 2 Min. - Recovered 600 Ft. of heavily oil and gas cut mud - Estimated 50% oil - No water - Min. Flow Press. 105# - Max. Flow Press. 180# - 15 Min. BHP 1655#

DST - 7341 to 7379 - Open 1 Hr. 20 Min. - Gas to surface in 2 Min.- Mud to surface in 16 Min. - Oil to surface in 20 Min. - Flowed 21 Bbl. oil in 1 Hr. Gty. 41 - GOR 1776 - Est gas 896,000 Cu. Ft. per 24 Hrs. - 5/8" bottom hole and 1" top choke - Min. Flow pressure 640# - Max. flow press. 700# - 15 Min. BHP 2160#

DST - 7379 to 7425 - Open 45 Min. - Gas to surface in 3 Min. - Well did not flow until tool was closed for 15 Min. - Recovered 10 Bbl. of oil in tank & pits - 660 Ft. of oil in drill pipe - Gas gauged 303,000 Cu. Ft. - Gty. 39.6 - Min. Flow Press. 400# - Max. Flow press. 915# - 15 Min. BHP 2275#

Drilled cement to 7433 - Schellough gun perforated with 3/8" holes from 7349 to 7419 with 420 holes

Ran 7433' of 2" UE tubing - swabbed 30 Bbl. water and well started flowing - Flowed 109 Bbl. first 11 hours - Gas still flowing 15 Bbl. per hour.

On Production Oct. 1, 1948 at top allowable