DUPLICATE

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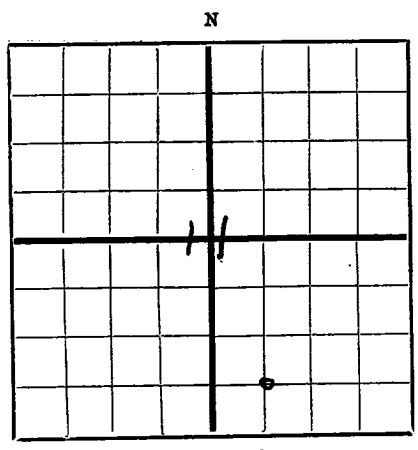
FORM C-105



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.

R. Olsen Oil Co. — 2811 Apco Tower, Oklahoma City, Okla.
Company or Operator — Address

Cooper Well No. 1 in C SW SE of Sec. 11, T. 24S
Lease

R. 36E, N. M. P. M., Cooper-Jal Field, Lea County.

Well is 1980 feet south of the North line and 1980 feet west of the East line of NE Cor. of SE ¼

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

If patented land the owner is Geo. E. Cooper, Address .....

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

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

Drilling commenced 1/22 19 48 Drilling was completed 3/30 19 48

Name of drilling contractor Beebe-Olsen Drlg. Co., Address Jal, New Mexico.

Elevation above sea level at top of casing ..... feet.

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

OIL SANDS OR ZONES

No. 1, from 2990 to 3075 (Very tight, not Commercial) No. 4, from ..... to .....

No. 2, from 3127 to 3215 (Gas) 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
9 5/8	40#	8		295	HOLC				Surface
7		8		3010	"				Oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT MUD USED
11	9 5/8	295	300	HOLC		
					11#	
8 3/4	7	3010	255	"		

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
	5½"	Nitro	390 qts.	3/3/48	3032-80	3080

Results of shooting or chemical treatment Results Negative No Help whatsoever

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 3233 T.D. feet, and from ..... feet to ..... feet

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

PRODUCTION

Put to producing ....., 19.....

The production of the first 24 hours was Complete 3/30/48 Still awaiting connection. barrels of fluid of which ..... % was oil; ..... %

emulsion; ..... % water; and ..... % sediment. Gravity, Be. .....

If gas well, cu. ft. per 24 hours 7,120,000 cu. ft. Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. 1300 #s

EMPLOYEES

..... Driller Luther Garner ....., Driller

J.C. Box ....., Driller ....., Driller
J.C. Evans

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 16 day of April, 1948

C Clyde Leavell
Notary Public

My Commission expires .....

4/16/48
Place Date

Name J P Waddell

Position Geologist

Representing R. Olsen Oil Co.

Address .....

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
1200	2000	800	Shale red and anhydrite
2000	2960	960	Salt with anhydrite stringers
2960	3075	115	Dolomite lgt tan dense anhydritic G.S.C.
3075	3127	52	Anhdrite white dense
3127	3215	88	Sand poorly sorted frosted qtz. (Top Yates 3127.
3215	3233T.D.	18	Anhydrite white dense. Total Depth.

CORING RECORD

Core #1. 3065-79 Recovered 14 ft. Dolomite tan anhydritic Very Good show oil and gas. Bleeding Core. Dolomite had some porosity but was very low on permeability.

Core #2. 3079-90½ Recovered 8 ft. Top four feet as above. Bottom four feet dense white to grey glassy anhydrite.

Solubulity Report by Western Acid Co. showed Core #1 to be 83% soluble with a reaction time of 45 minutes. Core #2 showed to be 45% soluble with a reaction time of 50% min.

On the strenght of the above cores it was decided to run pipe. 7 inch was run and cemented at 3010 ft. with 255 sacks of cement. Prior to running pipe a D.S.T. was taken with the Packer set at 3042 and bottomed at 3090. The tool was open 1½ Hrs. Recovered 120 ft. slightly oil cut drilling mud. Flow Press. 41 lbs. , Hydrostatic Press. 1608 lbs.

The plug was drilled and tubing run to bottom and the well was swabbed dry. A slight show of free oil was recovered.

The section 3032-30 was then shot with 300 qts. of Nitro. Sixty feet of Calseal was used to tamp the shot.. The well was then cleaned out to 30bottom. After considerable swabbing and washing we failed to materially help increase the oil. It was then decided to deepod the well .

The well was deepened to a Total Depth of 3233. The Top of the Yates was encountered at 3127. A D.S.T. was run with the Hook Wall Packer set at 3005 (Inside the casing) and bottomed at the total depth of 3233. Gas was recovered to the surface in 7 min. Flow Press. 1100#s., Hyd. Press. 1544 #s.

The well was then tubed and completed for 7,120,000 cu. ft. Build-up Pressure 1225 #s., and Drawdown Pressure stabilized at 625#s.

Respectfully yours,

J.F. Paddleford

J.F. Paddleford
Geologist