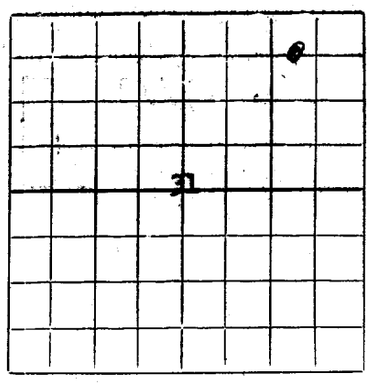

AREA 640 ACRES
LOCATE WELL CORRECTLY

(Revised 7/1/52)
(Form C-105)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RO-705

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

R. Olsen (Company or Operator) Dyer (Lease)

Well No. 2, in W/2 NE ¼ of NE ¼, of Sec. 31, T. 25S, R. 37E, NMPM.

Cooper-Jal Pool, Lea County.

Well is ~~990~~ 733 feet from ~~South~~ North line and ~~660~~ 710 feet from East line of Section 31. If State Land the Oil and Gas Lease No. is .....

Drilling Commenced December 13, 19 52 Drilling was Completed January 3, 19 53

Name of Drilling Contractor R. Olsen

Address Drawer 'Z' Jal, New Mexico

Elevation above sea level at Top of Tubing Head 2993' The information given is to be kept confidential until ....., 19.....

OIL SANDS OR ZONES

No. 1, from 3113 to 3171 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
~~9-5/8"~~	~~32#~~	New	283	HOWCO		None	Surface Casing
7"	20#	New	3099	HOWCO		None	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
~~13-3/4~~	~~9-5/8~~	~~297'~~	~~250~~	HOWCO		
~~8-1/2~~	7	~~450x~~ 3110	450	HOWCO	200 at shoe, 250 thru 2-stage tool	

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Hydrafrac with 1500 gals. from 3113' to 3171'

Result of Production Stimulation 72 BOPD on 17/64" choke

Depth Cleaned Out 3171'

RECORD OF DRILL-STEM AND SPECIAL TE

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 3171' feet, and from ..... feet to ..... feet.

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

PRODUCTION

Put to Producing January 3, 19 53

OIL WELL: The production during the first 24 hours was 72 barrels of liquid of which 100 % was was oil; ..... % was emulsion; ..... % water; and ..... % was sediment. A.P.I. Gravity 29°

GAS WELL: The production during the first 24 hours was ..... M.C.F. plus ..... barrels of liquid Hydrocarbon. Shut in Pressure ..... lbs.

Length of Time Shut in .....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico			
T. Anhy 950	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates 2810	T. Simpson	T. Pictured Cliffs
T. 7 Rivers 2984	T. McKee	T. Menefee
T. Queen 3098	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs	T.	T.
T. Abo	T.	T.
T. Penn	T.	T.
T. Miss	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
2700	2810	110	Brown lime				
2810	2850	40	Sand				
2850	2860	10	Dolomite				
2860	2890	30	Sand				
2890	2900	10	Dolomite				
2900	2925	25	Sand				
2925	2935	10	Dolomite				
2935	2960	25	Sand				
2960	2984	24	Sand, dolomite				
2984	3030	46	Dolomite, sand				
3030	3065	35	Sand				
3065	3098	33	Dolomite				
3098	3171	73	Sand-dolomite stringers				
			TD - 3171				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

January 20, 1953
(Date)

Company or Operator R. Olsen Address Drawer 'L'

Name D. Quincy Watson Position or Title Geological engineer

NM-705

DRILL STEM TEST REPORT

LEASE Unger WELL NO. 2 TEST NO. 2

FIELD Cooper-Jal COUNTY [illegible] STATE New Mexico

DATE AND TIME OF TEST December 26, 1952

NAME OF SECTION TESTED open caverns TESTED FROM 3080' TO 3113'

REASON FOR TEST

COMPANY MAKING TEST Johnston TYPE PACKER open hole SET FROM 3021' TO 3113'

TOP OF SAND OR PAY 3021 BASE OF SAND OR PAY TOTAL DEPTH 3113

WATER CUSHION None FEET. TIME, TOOL OPEN: 2 HRS. 15 MIN. TIME SHUT IN: HRS. 15 MIN.

SIZE TUBING OR DRILL PIPE: 3½" CHOKE SIZE, BOTTOM 5/8" TOP 1"

RESULTS: OIL, FLOWING RATE OR HEIGHT RECOVERED

WATER, FLOWING RATE OR HEIGHT RECOVERED 120' sulfur water

MUD, FLOWING RATE OR HEIGHT RECOVERED 30' drilling mud

GAS, FLOWING RATE OR HEIGHT RECOVERED

TIME ELAPSED TO REACH SURFACE: MUD MIN. GAS 45 MIN. OIL MIN. WATER MIN.

SURFACE PRESSURES [illegible]. GAS OIL RATIO

BOTTOM HOLE PRESSURES: BEGINNING OF TEST, TOOL OPEN [illegible] PSI. END OF TEST, TOOL OPEN PSI.

SHUT IN FORMATION PRESSURE PSI. MUD COLUMN PRESSURE, BOMB READING: PSI.

CALCULATED MUD COLUMN PRESSURE PSI. MUD WEIGHT 10.3 LBS. PER GALLON.

NUMBER OF TIMES TOOL OPENED 1. DID PACKER HOLD? Yes. DID BOTTOM CHOKE PLUG? No

DID FLUID DROP IN ANNULUS? . IS TEST CONCLUSIVE?

REMARKS Gas to surface in 45 minutes - Air flow. 120' of sulfur, 30' drilling mud

PREPARED BY: B. Gilbreath

TRACE CHART BELOW. SHOW PRESSURE SCALE, INCREASING VERTICALLY. SHOW TIME HORIZONTALLY. DEFINE OPENING AND CLOSING OF TOOL, BUILDUP FORMATION PRESSURE.

cc: Mr. Olsen
Mr. Randolph
Mr. Carl Olsen
Miss Lenegar

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