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(Revised 7/1/52)  
(Form C-106)

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DEC 5 1952

## 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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Cardinal Oil Company

State 1-2

(Company or Operator)

(Lease)

Well No. 13, in NE 1/4 of NE 1/4, of Sec. 2, T. 22S, R. 37E, NMPM.  
Arroyo

Pool, 103 County.

Well is 990 feet from North line and 990 feet from East line

of Section 2. If State Land the Oil and Gas Lease No. is 15013

Drilling Commenced 2-8-52, 1952 Drilling was Completed 3-16, 1952

Name of Drilling Contractor Baker and Taylor Drilling Company

Address \_\_\_\_\_

Elevation above sea level at Top of Tubing Head 3550. The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from None 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. 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
<u>10 3/4</u>	<u>12.5</u>	<u>New</u>	<u>277.77</u>	<u>Guide</u>	<u>None</u>	<u>None</u>	
<u>5 1/2</u>	<u>37</u>	<u>New</u>	<u>2051.00</u>	<u>Guide with float collar</u>	<u>None</u>	<u>None</u>	

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>2 1/2</u>	<u>10 3/4</u>	<u>204'</u>	<u>250</u>	<u>Pump &amp; Plug</u>		
<u>6 3/4</u>	<u>5 1/2</u>	<u>2139'</u>	<u>1150</u>	<u>Pump &amp; Plug</u>		

## RECORD OF PRODUCTION AND STIMULATION

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

The following intervals were performed with 2 1/2 open hole jet charges per foot.

3360-3508, 3433-3497, 3476-3488, 3466-3472, 3453-3460, 3408-3444 and 3335-3396.

Dry hole.

Result of Production Stimulation \_\_\_\_\_

Depth Cleaned Out \_\_\_\_\_

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

PRODUCTION

Put to Producing, 19

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

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.	1340'	T. Devonian	T. Ojo Alamo
T. Salt	1365'	T. Silurian	T. Kirtland-Fruitland
B. Salt	1370'	T. Montoya	T. Farmington
T. Yates	1375'	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	1380'	T. McKee	T. Menefee
T. Queen	1385'	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
0	1320	1320	Red beds				
1340	1410	90	Anhydrite				
1410	2350	2350	Salt				
2350	2700	110	Anhydrite				
2700	3040	360	Anhydrite and Dolomite				
3040	3972	1592	Dolomite and sand and shale.				

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.

December 5, 1952

Company or Operator Continental Oil Company  
Name J. K. Chesters

Address Box 427, Hobbs, New Mexico  
Position or Title Asst. District Superintendent