

330° FEL & 330° FSL

Revised 7/1/60
(Form C-100)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED

OCT 13 1960

WELL RECORD

O. C. C.
ARTESIAN WELLS

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. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

John B. Castle and H. Brace Wignell

N. G. Phillips - State

(Company or Operator)

(Lease)

Well No. 3, in SE 1/4 of SE 1/4, of Sec. 27, T. 17S, R. 28E, NMPM.

Red Lake

Eddy

Pool,

County.

Well is 330 feet from South line and 330 feet from East line

of Section 27. If State Land the Oil and Gas Lease No. is B-2071

Drilling Commenced 8-24-60, 19... Drilling was Completed 10-3-60, 19...

Name of Drilling Contractor Hoover Drilling Company

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3667

The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 860 to 870 No. 4, from to

No. 2, from 1620 to 1630 No. 5, from to

No. 3, from 2080 to 2090 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
8--5/8"	24	New	501	Float			Surface
5-1/2"	14	Used	2122	Float			Prod.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8-5/8"	501	50	Pump		
8"	5-1/2"	2122	135	Pump		

RECORD OF PRODUCTION AND STIMULATION

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

Frac perfs, 2082 - 92 with 15,000 gals. lease crude.

and 30,000 lbs. sand.

Result of Production Stimulation Flow 36 BOPD

How far from well

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 Surface feet to 2133 feet, and from feet to feet.
Cable tools were used from Surface feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 10-7-60, 19
OIL WELL: The production during the first 24 hours was 36 barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity 37
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. <u>450</u>	T. Devonian <u> </u>	T. Ojo Alamo <u> </u>	
T. Salt <u> </u>	T. Silurian <u> </u>	T. Kirtland-Fruitland <u> </u>	
B. Salt <u> </u>	T. Montoya <u> </u>	T. Farmington <u> </u>	
T. Yates <u>570</u>	T. Simpson <u> </u>	T. Pictured Cliffs <u> </u>	
T. 7 Rivers <u>850</u>	T. McKee <u> </u>	T. Menefee <u> </u>	
T. Queen <u>1300</u>	T. Ellenburger <u> </u>	T. Point Lookout <u> </u>	
T. Grayburg <u>1790</u>	T. Gr. Wash. <u> </u>	T. Mancos <u> </u>	
T. San Andres <u>2125</u>	T. Granite <u> </u>	T. Dakota <u> </u>	
T. Glorieta <u> </u>	T. <u> </u>	T. Morrison <u> </u>	
T. Drinkard <u> </u>	T. <u> </u>	T. Penn. <u> </u>	
T. Tubbs <u> </u>	T. <u> </u>	T. <u> </u>	
T. Abo <u> </u>	T. <u> </u>	T. <u> </u>	
T. Penn. <u> </u>	T. <u> </u>	T. <u> </u>	
T. Miss. <u> </u>	T. <u> </u>	T. <u> </u>	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	30	30	Caliche				
30	450	420	Red sh. and red ss.				
450	700	250	Anhy. and Red ss.				
700	1300	600	Anhy., Del.				
1350	1800	450	Anhy., Del., Red ss.				
1800	2133	333	Del. Gry. ss				

OIL CONSERVATION COMMISSION

ARTESIA DISTRICT OFFICE

No. Copies Received 6

DISTRIBUTION

NO.	FURNISHED
1	YES
2	YES
3	YES
4	YES
5	YES
6	YES

BUREAU OF MINES

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.

Company or Operator Castle and Wignell Address Box 868, Midland, Texas
Name J. B. Castle Position Title Partner