

NUMBER OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER			
OIL			
GAS			
PRODUCTION OFFICE			
OPERATOR			

Checked (Form C-100)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

MAR 17 1961

O. C. C. ARTESIA, OFFICE

AREA 640 ACRES LOCATE WELL CORRECTLY

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

Castle and Wignell

N. G. Phillips-State

(Company or Operator)

(Lease)

Well No. 5, in NW 1/4 of SE 1/4, of Sec. 27, T. 17S, R. 28E, NMPM.

Artesia

Pool,

Eddy

County.

Well is 1650 feet from East line and 1650 feet from South line

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

Drilling Commenced 1-12-61, 19. Drilling was Completed 3-6-61, 19.

Name of Drilling Contractor Hammond Drilling Company

Artesia, New Mexico

Address

Elevation above sea level at Top of Tubing Head 3655. The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 826 to 838 No. 4, from to

No. 2, from 1530 to 1543 No. 5, from to

No. 3, from 2024 to 2034 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	32	Used	560		560		Surface
5-1/2	15.5	Used	2057	Float		2024-34	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8-5/8	560		Set		
8"	5-1/2	2057	381	Malliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Perf. 2024 - 34 with 4 jet shots per foot, A/100 gals., frac 20,000 gals. lease crude and 40,000 lbs. sand.

Result of Production Stimulation Flow 49 BOPD

Depth Cleaned Out

E. 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.....feet to.....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.....	400		T. Devonian.....		T. Ojo Alamo.....
T. Salt.....			T. Silurian.....		T. Kirtland-Fruitland.....
B. Salt.....			T. Montoya.....		T. Farmington.....
T. Yates.....			T. Simpson.....		T. Pictured Cliffs.....
T. 7 Rivers.....	826		T. McKee.....		T. Menefee.....
T. Queen.....			T. Ellenburger.....		T. Point Lookout.....
T. Grayburg.....	1730		T. Gr. Wash.....		T. Mancos.....
T. San Andres.....	2046		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	25	25	Caliche				
25	400	375	Red Beds				
400	1730	1330	Anhy. some red ss. and dolomite				
1730	2015	285	Dolomite				
2015	2046	31	Sand				
2046	T.D.		Dolomite				

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**.....(Date).....**3-15-61**
Name.....**J. B. Castle**.....Position or Title.....**Partner**.....