

Santa Fe, New Mexico

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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. If State Land submit 6 Copies

Castle and Wignell

N. G. Phillips-State

(Company or Operator) (Lease)
 Well No. **4**, in **NE** $\frac{1}{4}$ of **SE** $\frac{1}{4}$, of Sec. **27**, T. **17S**, R. **28E**, NMPM.
Add Lake Pool, **Eddy** County.
 Well is **1650** 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 **11-11-60**, 19..... Drilling was Completed **12-30-60**, 19.....
 Name of Drilling Contractor **Hammond Drilling Company**
 Address **Artesia, New Mexico**
 Elevation above sea level at Top of Tubing Head **3664** The information given is to be kept confidential until
 19.....

No. 1, from 854 to 868 No. 4, from _____ to _____
No. 2, from 2056 to 2064 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **210** to **215** feet. _____
 No. 2, from **525** to **530** feet. _____
 No. 3, from _____ to _____ feet. _____
 No. 4, from _____ to _____ feet. _____

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8	24	Used	509		Top Jt.		Surface
5-1/2	14	Used	2080	Float		2056-64	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"	309	Set			
8"	5-1/2"	2080	365	Halliburton		

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

A/100 gals., F/22,000 Gals. and 40,000\$, Paris 2056-64'

Result of Production Stimulation..... **Flow 53 BOPD**

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 2083 feet, and from 2083 feet to 2083 feet.
Cable tools were used from 0 feet to 2083 feet, and from 2083 feet to 2083 feet.

PRODUCTION

Put to Producing 1-4-61, 1961

OIL WELL: The production during the first 24 hours was 53 barrels of liquid of which 100% was oil; 0% was emulsion; 0% water; and 0% was sediment. A.P.I. Gravity 35

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

T. Anhy 400 (Driller)
T. Salt
B. Salt
T. Yates
T. 7 Rivers 854 (E. Log)
T. Queen 1360 (Samples)
T. Grayburg 1778 (E. Log)
T. San Andres 2080 (Samples)
T. Glorieta
T. Drinkard
T. Tubbs
T. Abo
T. Penn
T. Miss

T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Granite
T.
T.
T.
T.
T.
T.

Northwestern New Mexico

T. Ojo Alamo
T. Kirtland-Fruitland
T. Farmington
T. Pictured Cliffs
T. Menefee
T. Point Lookout
T. Mancos
T. Dakota
T. Morrison
T. Penn
T.
T.
T.
T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	40	40	Caliche				
40	440	400	Red Beds				
400	850	450	Anhydrite				
450	1360	910	Anhydrite and dolomite				
1360	1778	418	Sand and anhydrite				
1778	2049	271	Dolomite				
2049	2080	31	Sand				
2080	2083	3	Dolomite				

OIL CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE
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EXPLORATION OFFICE
STATE LAND OFFICE
U. S. G. S.
TRANSPORTER
FILE
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
Name J. B. Castle

January 4, 1961 (Date)
Address Box 868, Midland, Texas
Position or Title Partner