



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED

WELL RECORD DEC 23 1960

O. C. F.
ARTESIA

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

Castle and Wignell

Welch-State

(Company or Operator)

(Lease)

Well No. **1** in **NW** 1/4 of **NW** 1/4, of Sec. **35**, T. **17N**, R. **20E**, NMPM.

Artesia

Pool, **Eddy**

County.

Well is **360'** feet from **West** line and **260** feet from **North** line

of Section **35** If State Land the Oil and Gas Lease No. is **B-11593**

Drilling Commenced **11-10-60**, 19..... Drilling was Completed **12-16-60**, 19.....

Name of Drilling Contractor **W. C. Welch**

Address **Artesia, New Mexico**

Elevation above sea level at Top of Tubing Head **3677** The information given is to be kept confidential until

....., 19.....

OIL SANDS OR ZONES

No. 1, from **2130** to **2140** 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 **270** to **280** feet.

No. 2, from **430** to **437** 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	28.7	used	460		460		Surface
4-1/2	9.52	used	2166	Float		2130 - 40	Production

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	460		Set		
8"	4-1/2	2166	430	Pump		

RECORD OF PRODUCTION AND STIMULATION

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

A/100 gals., F/20000 gals. & 30000 lbs., parts. 2130 - 40

Result of Production Stimulation **Flow lead oil at average rate of 2.5 BOPH. Flow raw oil at approx.**

2.5 BOPH

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 2166 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing 12-20-60, 19____

OIL WELL: The production during the first 24 hours was 96 barrels of liquid of which 100 % was oil; 0 % was emulsion; 0 % water; and 0 % 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..... 425	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..... 895	T. McKee.....	T. Menefee.....	
T. Queen..... 1401	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg..... 1832	T. Gr. Wash.....	T. Mancos.....	
T. San Andres..... 2165	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	40	40	Galiche				
40	425	385	Red Beds				
425	895	470	Anhydrite				
895	1401	506	Dolomite and anhydrite				
1401	1832	431	Red SS, anhy.				
1832	2122	290	Dolomite				
2122	2165	43	Sand				
2165	2166	1	Dolomite				

OIL CONSERVATION COMMISSION	
ARTESIA DISTRICT OFFICE	
No. Copies Received	7
DISCUSSION	
INDEXED	
OPERATOR	/
SANTA FE	/
EXPLORATION DEPT.	
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.

12-20-60 (Date)

Company or Operator Castle and Wignell Address Box 868, Midland, Texas

Name J. B. Castle Position Title Partner