

Santa Fe, New Mexico

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

John B. Castle and H. Bruce Wiggall (Castle & Wiggall)
(Company or Operator)

N. G. Phillips-State
(Lease)

Well No. 1, in SW ¼ of NE ¼, of Sec. 27, T. 17 S, R. 28 E, NMPM.
Red Lake Pool. Rddy County.

Well is 1650 feet from North line and 2310 feet from East line
of Section 27 If State Land the Oil and Gas Lease No. is 2071

Drilling Commenced.....**5-12-59**....., 19..... Drilling was Completed.....**6-12-59**....., 19.....

Name of Drilling Contractor..... **Hoover Drilling Co.**

Name of Dining Contractor.....**Artesia, New Mexico**
Address.....

Elevation above sea level at Top of Tubing Head.....3621..... The information given is to be kept confidential until
....., 19.....

No. 1, from 757 to 772	No. 4, from 1898 to 1904
No. 2, from 1485 to 1495	No. 5, from 1935 to 1940
No. 3, from 1535 to 1557	No. 6, from _____ to _____

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.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	24#	Used	483				Surface
5 1/2	13.5#	New	1961	5 1/2 float		1896-1904 1930-1942	Oil string

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8 5/8	483	50	Pump		
8"	5 1/2	1961	500	Pump		

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

Treated with 500 gal. acid, sand/oil frac intervals 1996-1994 and 1930-1942 with 25,000 gal. loose crumb sand and 45,000# sand.

Result of Production Stimulation

Flowed 38 barrels oil per day, no water, after recovery of free oil.

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.....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.....**July 5**....., 19**59**

OIL WELL: The production during the first 24 hours was.....**38**.....barrels of liquid of which.....**95.5**.....% was
was oil;% was emulsion;% water; and.....**.5**.....% was sediment. A.P.I.

Gravity.....**34**.....

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..... 300	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates..... 412	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers..... 212 755	T. McKee.....	T. Menefee.....
T. Queen..... 1260	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg..... 1635	T. Gr. Wash.....	T. Mancos.....
T. San Andres..... 1950	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	1535	1550	15	Oil sand
25	50	25	Sand and shale	1550	1630	80	Anhydrite
50	130	80	Red sand and shale	1630	1750	120	Belemite, sand & shale
130	141	11	Water sand	1750	1830	80	Belemite
141	160	19	Red shale and sand	1830	1835	5	Sand
160	412	252	Anhydrite	1835	1855	20	Belemite
412	422	10	Water sand	1855	1898	43	Broken sand, Anhydrite, Belemite
422	450	28	Belemite	1898	1904	6	Oil sand
450	740	290	Anhydrite	1904	1935	31	Belemite
740	790	50	Belemite and oil sand	1935	1940	5	Oil sand
790	930	140	Anhydrite	1940	1965	25	Belemite - Top San Andres
930	1000	70	Sandy and broken belemite	<div> <div>OIL CONSERVATION COMMISSION</div> <div>ARTESIA DISTRICT OFFICE</div> <div>No. Copies Received.....6</div> <div>DISTRIBUTION</div> <div>OPERATOR.....</div> <div>SAPITA PL.....</div> <div>PRODUCTION.....</div> <div>STATE LAND.....</div> <div>U.S. G. S.....</div> <div>TRANSPORTATION.....</div> <div>FILE.....</div> </div>			
1000	1030	30	Anhydrite				
1030	1055	25	Red sand				
1055	1260	205	Anhydrite				
1260	1290	30	Red sand				
1290	1365	75	Anhydrite				
1365	1380	15	Belemite				
1380	1400	20	Anhydrite				
1400	1420	20	Red sand				
1420	1430	10	Anhydrite (broken)				
1430	1485	55	Stagnant Anhydrite	<div> <div>ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED</div> </div>			
1485	1505	20	Stagnant Oil sand				
1505	1535	30	Red sand				

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.

July 27, 1959

Company or Operator.....**Castle and Wignall**.....

Address.....**P. O. Box 968, Midland, Texas**.....

Name.....**H. Bruce Kegzell**.....

Position or Title.....**Partner**.....