



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

DUPLICATE

RECEIVED
OCT 9 1953
OIL CONSERVATION COMMISSION
HOBBES OFFICE

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Cities Service Oil Company
(Company or Operator)

Laughlin
(Lease)

Well No. 5, in SW 1/4 of SE 1/4, of Sec 5, T. 20S, R. 37E, NMPM.

Undesignated Pool, Lea County.

Well is 4950 feet from North line and 2310 feet from East line

of Section 5-20S-37E. If State Land the Oil and Gas Lease No. is -

Drilling Commenced 7-14, 19 53 Drilling was Completed 9-13, 19 53

Name of Drilling Contractor J. C. Crain Drilling Company

Address Eunice, New Mexico

Elevation above sea level at Top of Tubing Head 3566' DF ✓ The information given is to be kept confidential until - , 19 -

OIL SANDS OR ZONES

No. 1, from 5190' to 5215' (Paddock) No. 4, from - to -
No. 2, from 5675' to 5743' (Blinebry) 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 - 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
13 3/8"	48#	New	318.82'	Larkin	-	-	-
8 5/8"	24# & 28#	New & Used	2387.45'	Weatherford	-	-	Production
5 1/2"	15.5#	New & Used	5701.34'	Rector	-	5190'-5215'-w/4 3207'-3355'-w/2	jet shots per ft.-Oil jet shots per ft.-Gas 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
17 1/2"	13 3/8"	335'	330	Plug	-	-
11"	8 5/8"	2398'	925	Plug	-	-
7 7/8"	5 1/2"	5713'	1300	Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

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

See attached sheet for history of acidizing.

Result of Production Stimulation

Depth Cleaned Out

CORD 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 5743 feet, and from - feet to - feet.
 Cable tools were used from - feet to - feet, and from - feet to - feet.

PRODUCTION

Potential Test
 Put to ~~Production~~ Potential Test 10-8, 19 53.
OIL WELL: The production during the ~~last~~ Potential Test 24 hours was 56.3 barrels of liquid of which 98 % was oil; - % was emulsion; 2 % water; and - % was sediment. A.P.I. Gravity 34.9.
GAS WELL: The production during the ~~last~~ Potential 24 hours was 15,900 M.C.F. plus - barrels of liquid Hydrocarbon. Shut in Pressure 1050 lbs.
 Length of Time Shut in 24 hrs.

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	<u>1065' / 2501'</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....		T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....		T. Montoya.....	T. Farmington.....
T. Yates.....	<u>2420' / 1146'</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	<u>2602' / 964'</u>	T. McKee.....	T. Menefee.....
T. Queen.....	<u>3207' / 359'</u>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	<u>3523' / 43'</u>	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	<u>3830' - 264'</u>	T. Granite.....	T. Dakota.....
T. Glorieta.....	<u>5125' - 1559'</u>	T.	T. Morrison.....
T. Blaine Blaine	<u>5672' - 2106'</u>	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	100	100	Surface Lime				
100	478	378	Red Bed				
478	878	400	Red Bed & shells				
878	1095	217	Red bed & anhydrite				
1095	1180	85	Anhydrite				
1180	2295	1115	Salt & Anhydrite				
2295	2360	65	Anhydrite				
2360	2400	40	Anhydrite & Lime				
2400	5743	3343	Lime				
PBTD	5224						

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.

Charles M. Hartwell 10-9-53
 (Date)

Company or Operator Cities Service Oil Company Address Box 97, Hobbs, New Mexico
 Name Charles M. Hartwell Position or Title District Superintendent