

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

1959 SEP 30 PM 1:06

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

Cactus Drilling Company

(Company or Operator)

Aztec-State

(Lease)

Well No. 3, in NE $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 31, T. 19, R. 35, NMPM.
Pearl Queen Pool, Lea County.

Well is 660 feet from North line and 1980 feet from West line
of Section 31. If State Land the Oil and Gas Lease No. is E-1638

Drilling Commenced June 26, 1959, 19..... Drilling was Completed August 23, 1959, 19.....

Name of Drilling Contractor Company tools

Address.....

Elevation above sea level at Top of Tubing Head 3731 The information given is to be kept confidential until
....., 19.....

OIL SANDS OR ZONES

No. 1, from 3934 to 3944 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 4663 to 4715 feet. hole full

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
<u>13 5/8"</u>	<u>50#</u>	<u>New</u>	<u>107'</u>	<u>Tex Pat</u>			<u>surface</u>
<u>8 5/8"</u>	<u>24#</u>	<u>Used</u>	<u>1876'</u>		<u>all pulled</u>		<u>intermediate</u>
<u>7"</u>	<u>20</u>	<u>Used</u>	<u>4813'</u>	<u>Tex Pat.</u>		<u>4798-06, 4756-</u>	<u>oil string</u>
						<u>62, 4682-92,</u>	
						<u>3934-44, 3880-82.</u>	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>17"</u>	<u>13 3/8"</u>	<u>107</u>	<u>100</u>	<u>Halliburton</u>		
<u>11"</u>	<u>8 5/8"</u>	<u>1876</u>	<u>none</u>	<u>pump</u>		<u>hole full</u>
<u>8"</u>	<u>7"</u>	<u>4813'</u>	<u>100, 50,</u>	<u>Halliburton</u>		
			<u>25, & 50</u>			

RECORD OF PRODUCTION AND STIMULATION

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

Fraced interval from 3934 to 3944 with 12,000 gallons lease crude and
16,000 gallons.

Result of Production Stimulation negative, swabbed dry and subsequently swabbed 1200' water.

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 1876 feet, and from feet to feet.
Cable tools were used from 1876 feet to 5043 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.				T. Devonian.			T. Ojo Alamo.
T. Salt.				T. Silurian.			T. Kirtland-Fruitland.
B. Salt.				T. Montoya.			T. Farmington.
T. Yates.	3493			T. Simpson.			T. Pictured Cliffs.
T. 7 Rivers.				T. McKee.			T. Menefee.
T. Queen.	4664			T. Ellenburger.			T. Point Lookout.
T. Grayburg.	Penrose 4967			T. Gr. Wash.			T. Mancos.
T. San Andres.				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
3317	3879	562	mostly anhydrite w/ sand				
	3918	39	mostly sand w/ anhydr	4925	4961	36	dolo
	4003	85	mostly sand w/ dolo	4985	4985	24	sand
	4052	49	dolo		5021	36	mostly dolo w/ sand
	4090	38	mostly anhy w/ dolo		5030	9	sand
	4202	112	mostly dolo w/ sand		5043	13	mostly dolo w/ sand
	4253	51	dolo				
	4455	202	Mostly dolow w/ anhy & sand				
	4500	45	dolo, sand & anhy				
	4660	160	dolo w/ slight sand				
	4725	65	sand				
	4747	22	mostly dolo w/ sand				
	4773	26	mostly dolo w/ sand				
	4795	22	mostly dolo w/ sand				
	4804	9	Mostly sand w/ dolo				
	4812	8	mostly dolo w/ sand				
	4817	5	sand				
	4827	10	dolo				
	4839	12	sand				
	4879	40	mostly dolo w/ sand				
	4908	29	dolo				
	4925	17	mostly sand w/ dolo				

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.

September 20, 1939 (Date)
Company or Operator Cactus Drilling Company Address Box 1826, Hobbs, N.M.
Name Lee Baker Position or Title Vice-President