



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELLS RETURN 000

WELL RECORD N 8 09
1961 JUN 27

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. 5, in SW 1/4 of NE 1/4, of Sec. 31, T. 19s, R. 35e, NMPM.

Pearl Queen Pool, Lea County.

Well is 1650 feet from North line and 1650 feet from East line

of Section 31. If State Land the Oil and Gas Lease No. is E-1638

Drilling Commenced Nov. 5, 1960. Drilling was Completed Jan. 22, 1961.

Name of Drilling Contractor Cactus Drilling Company.

Address Box 1826, Hobbs, N.M.

Elevation above sea level at Top of Tubing Head 3732. The information given is to be kept confidential until 19...

OIL SANDS OR ZONES

No. 1, from 4988 to 4997 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 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	41.5	new	105	T.P.			surface
8 5/8	24	used	1895	T.P.	pulled		
7	23	used	4101	T.P.			
5 1/2	15.5	new	875	Baker liner shoe	Set @ 4850		Water shut off
4	11.6	New	225	"	"	@ 4987	Water Shut Off

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	105	100	Halliburton		
11	8 5/8	1839	mud			hole full
8	7	4101	100	Halliburton		
6	5 1/2	4850	100	"		
4	4	4987	25			

RECORD OF PRODUCTION AND STIMULATION

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

Natural, 30 bbls. oil no water, 24 hrs. swabbing 2" tubing

Sand oil frac 30,000 gal oil 77,000 # 20/40 frac sand

60 bbls. oil 1/2 bbl. water, swabbing

Result of Production Stimulation

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 1895 feet, and from 1895 feet to 4990 feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing Jan. 30, 1961, 19____, 60 barrels of liquid of which 99 % was oil; 0 % was emulsion; 1 % water; and _____ % 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		Northwestern New Mexico	
T. Anhy.....	<u>1830</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	<u>1950</u>	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	<u>3320</u>	T. Montoya.....	T. Farmington.....
T. Yates.....	<u>3575</u>	T. Simpson.....	T. Pictured Cliffs.....
I. 7 Rivers.....	<u>4632</u>	T. McKee.....	T. Menefee.....
T. Queen.....		T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		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
0	1830	1830	sd. chl. red bed				
1830	1950	130	anhy				
1950	3320	1370	salt & anhy				
3320	3575	255	anhy				
3575	3700	125	sd, & anhy				
3700	3810	110	anhy & Dol				
3810	3950	140	Sd. & anhy				
3950	4060	110	Dol				
4060	4100	40	Sd.				
4100	4320	220	Dol. w/ anhy				
4320	4630	310	Dol. W/ Sd.				
4630	4780	150	Dol.				
4780	4930	150	Dol w/ sd.				
4930	4997	67	Sd. w/ sm. Dol				

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 Cactus Drilling Company Address Box 1826, Hobbs, N.M. (Date) _____
 Name Geo. W. Baker Position Vice-President