

**Santa Fe, New Mexico**

## 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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Cactus Drilling Company**

**Astec- State**

(Company or Operator)

(Leave)

Well No. 4, in SE ¼ of NE ¼, of Sec. 31, T. 19S, R. 35E, NMPM.

**Pearl QUEEN**

**...Pool,**

**LEA**

**...County.**

Well is 1650 feet from NORTH line and 330 feet from EAST line

of Section 21 If State Land the Oil and Gas Lease No. is E-1638

Drilling Commenced 5-9-60, 1960 Drilling was Completed 6-20-60, 1960

Name of Drilling Contractor.....CACTUS DRILLING COMPANY.....

Address.....**HOBBBS NEW MEXICO**.....**BOX 1826**.....

Elevation above sea level at Top of Tubing Head.....3722 ft...... The information given is to be kept confidential until  
..... 19.....

### OIL SANDS OR ZONES

No. 1, from 1890 to 1930 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"	50#	Used	102'	tex pat.			surface
8 5/8"	24#	Used	1834'	tex pat.			Intermediate water shut off
7"	23#	used	4874	formation packer			Oil string

## 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"	13"	102	100	Halliburton		
11"	8 5/8"	1834				Hole full
8"	8"	4874	150	Halliburton		

### RECORD OF PRODUCTION AND STIMULATION

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

~~Natural 20 bbls of oil no water, 24 hrs. Bailar tests.~~

Sand oil Frac with 30,000 gal. ( 15,000 gal. refined oil, 15000 gal.

lease oil, mixed.) using 70,000# sand. flushed with 250 bbls lease oil

Result of Production Stimulation..... 20 bbls oil before frac 70bbls after fdac in 24 hrs.  
swabb testing.

## ...Depth Cleaned Out.

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

Rotary tools were used from 1-15 feet to 16-1 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from 1-15 feet to 9-30 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Put to Producing..... 19.....

OIL WELL: The production during the first 24 hours was.....~~50~~.....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):

## Northwestern New Mexico

T. Anhy.....	1830	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	1829	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	1829	T. Montoya.....	T. Farmington.....
T. Yates.....	1835	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	1836	T. McKee.....	T. Menefee.....
T. Queen.....	1850	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	1851	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	1852	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. ....

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	60		Un. sh. s.s.				
60	133		ed. sh. - calc. breccia				
133	1920		sh. - shale - breccia				
1 20	2500		sh. - shaly - breccia				
2500	3500		sh. - shaly - breccia				
3500	4000		sh. - shaly - breccia				
4000	4500		sh. - shaly - breccia				
4500	5000		sh. - shaly - breccia				
5000	5500		sh. - shaly - breccia				
5500	6000		sh. - shaly - breccia				
6000	6500		sh. - shaly - breccia				
6500	7000		sh. - shaly - breccia				
7000	7500		sh. - shaly - breccia				
7500	8000		sh. - shaly - breccia				
8000	8500		sh. - shaly - breccia				
8500	9000		sh. - shaly - breccia				
9000	9500		sh. - shaly - breccia				
9500	10000		sh. - shaly - breccia				
10000	10500		sh. - shaly - breccia				
10500	11000		sh. - shaly - breccia				
11000	11500		sh. - shaly - breccia				
11500	12000		sh. - shaly - breccia				
12000	12500		sh. - shaly - breccia				
12500	13000		sh. - shaly - breccia				
13000	13500		sh. - shaly - breccia				
13500	14000		sh. - shaly - breccia				
14000	14500		sh. - shaly - breccia				
14500	15000		sh. - shaly - breccia				
15000	15500		sh. - shaly - breccia				
15500	16000		sh. - shaly - breccia				
16000	16500		sh. - shaly - breccia				
16500	17000		sh. - shaly - breccia				
17000	17500		sh. - shaly - breccia				
17500	18000		sh. - shaly - breccia				
18000	18500		sh. - shaly - breccia				
18500	19000		sh. - shaly - breccia				
19000	19500		sh. - shaly - breccia				
19500	20000		sh. - shaly - breccia				

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.....  
Name George Baker  
Address.....  
Position Title.....