

**Santa Fe, New Mexico**

# WELL RECORD

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Nix - State**

(Company or Operator)

(Lease)

Well No. 5 in NW  $\frac{1}{4}$  of SW  $\frac{1}{4}$ , of Sec. 13, T. -22-S, R. -35-E, NMPM.

**Jalmat (Oil)**

## Pool

Los

County.

Well is 1980 feet from South line and 660 feet from West line

of Section 13..... If State Land the Oil and Gas Lease No. is B-11223-2.....

Drilling Commenced..... **June 12** ..... 19 **56** Drilling was Completed..... **June 20** ..... 19 **56**

Name of Drilling Contractor..... **Bickerstaff & Tibbets Drilling Company** .....

Address Snyder, Texas

Elevation above sea level at Top of Tubing Head..... **3588 THF** ..... The information given is to be kept confidential until  
**Not confidential** ..... **3592 DF** ..... 19.....

No. 1, from	<b>3766</b>	to	<b>3796</b>	No. 4, from		to	
No. 2, from	<b>3816</b>	to	<b>3858</b>	No. 5, from		to	
No. 3, from	<b>3872</b>	to	<b>3906</b>	No. 6, from		to	

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None tested - rotary drilled hole. 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	New	284	Tex. Pattern		None	Surface
5-1/2	14	New	3888	Guide		See below	Production
2-3/8	4.7	New	3908	Tubing - hung		3909-3915	Production

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11	8-5/8	295	100-circ.	Pump & plug	9.3	Hole filled
7-7/8	5-1/2	3998	925	Pump & plug	10.7	Hole filled
	2-3/8	3916	Tubing - hung			

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

Jet perforated 5 1/2-inch casing with 4 holes per foot; 3766-3796; 3816-3858; and, 3872-3906. Broke each set of perforations with oil and 300 gallons 15% acid. Then fractured all perforations 3766-3906 feet in one stage with 20,000 gallons gelled lease crude containing 20,000 pounds sand.

Result of Production Stimulation.....	After recovering load following fracture treatment, flowed
	44 barrels clean oil in 4 hours through 3/4-inch choke. Flowing casing pressure
	670 psi; flowing tubing pressure 50 psi.
	Depth Cleaned Out 3949

RECORD OF DRILL-STEM AND SPECIAL IS

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 surface feet to 4000 (TD) feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing July 1, 1956

OIL WELL: The production during the first 24 hours was 254 \* barrels of liquid of which 100.0 % was  
was oil; 0.0 % was emulsion; 0.0 % water; and 0.0 % was sediment. A.P.I.  
Gravity 36.0 degrees API \* Based on 44 barrels oil in 4 hours.

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>1764</u>			T. Devonian			T. Ojo Alamo
T. Salt	<u>1902</u>			T. Silurian			T. Kirtland-Fruitland
B. Salt	<u>3576</u>			T. Montoya			T. Farmington
T. Yates	<u>3766</u>			T. Simpson			T. Pictured Cliffs
T. 7 Rivers				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	11.5	11.5	Kelly bushing to ground	<div>Deviation Record</div> <div>Depth <u>                    </u> Dev., degrees <u>                    </u></div>			
11.5	70	58.5	Caliche				
70	1764	1694	Red beds				
1764	1902	138	Anhydrite and salt	1300			3/4
1902	3576	1674	Salt with streaks of anhydrite	1785			3/4
3576	3766	190	Dolomite and anhydrite	2372			1-3/4
3766	4000	234	Dolomite and sand	3500			2-1/2
	4000		Total depth	3710			2-1/2
				3815			3
				4000			1-3/4

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 J. R. Come Address 1706 Great Plains Life Building  
Name Re Storm - L. O. Storm Lubbock, Texas Position or Title Engineer  
Date July 1, 1956 (Date)