

Section 13

X

R-35-E

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

New Mexico OFFICE OCC

WELL RECORD

11 : 13

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.

J. R. Cone

(Company or Operator)

Nix-State

(Lease)

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

Jalco Gas

Pool.

102

County.

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

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

Drilling Commenced April 17, 1954. Drilling was Completed May 4, 1954.

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

Address Snyder, Texas

Elevation above sea level at Top of Tubing Head..... **3593 THF** The information given is to be kept confidential until
Not confidential 19 **3601 DF**

OIL SANDS OR ZONES

No. 1, from 3600 to 3650 (dry gas) 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 None observed - well drilled with rotary tools 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
8-5/8"	24	New	303'	Tex. Pattern		None	Surface
5-1/2"	15.5 & 17	New	3958'	Float		3600-3650" (jet)	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
12-1/4	8-5/8"	314'	200	Pump & plug	9.2	Circulated cement
7-7/8	5-1/2"	3967'	(150 @ shoe		10.0	
			(100 thru 2-stage collar @1683'			

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 5-1/2 inch casing 3600 to 3650 feet with 4 jet per foot. Treated through casing perforations with 250 gallons 15% LST acid followed by 5000 gallons oil with 5000 pounds sand added. Sweet hookwall packer set at 3566 feet.

Result of Production Stimulation. Flowed 1,905 MCF per day through 22/64-inch tubing choke. Flowing tubing pressure 625 psig. Then on May 13, 1954, well earned absolute open flow potential of 3,900 MCF dry gas per day by back pressure method. Depth Cleaned Out. 3909 THP
3918 DF

1ST record attached

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 4045 - TD feet, and from _____ feet to _____ feet.

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

PRODUCTION

Put to Producing..... 19

Shut in as of June 11, 1954 awaiting
high pressure gas connection.

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 3,900* M.C.F. plus zero barrels of liquid Hydrocarbon. Shut in Pressure 1327.2 psia * Absolute open flow potential by

Length of Time Shut in..... **36 hours**

* Absolute open flow potential by back pressure method.

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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy.....	1655 (≠ 1946)	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	1800 (≠ 1801)	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	3435 (≠ 166)	T. Montoya.....	T. Farmington.....
T. Yates.....	3600 (≠ 1)	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	(?) Reef 3930 (- 329)	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	75	75	Caliche				
75	1655	1580	Red beds				
1655	1800	145	Anhydrite				
1800	3435	1635	Salt with streaks Anhy.				
3435	3600	165	Anhydrite & dolomite				
3600	3930	330	Dolomite with streaks of sandstone & anhydrite - gas bearing 3600-3650				
3930	4045	115	Dolomite - porous and sulphur water bearing				
	4045		Total depth				

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.

June 11, 1954

(Date)

Company or Operator..... **J. R. Cone**

Address First Nat'l Bldg., Lubbock, Texas

Name Ad. Brown - L. O. Storm

Position or Title.....**Engineer**

DRILL STEM TEST RECORD

Operator: J. R. Cone

Well: Nix-State No. 1

Location: 1980 FSL & 660 FEL, Section 13, T-22-S, R-35-E, NMPM.

- Dst No. 1: 3568-3604 (36'). 1" top and bottom chokes on 4½" drill stem. Tool open 90 minutes. Sweet gas to surface in 9 minutes. Maximum gas rate (at end of test) 52 MCFPD. Recovered 150' gas cut drilling fluid. FBHP 60 psi. 30-minute SIEHP 1282 psi. HHH 1985 psi.
- DST No. 2: 3604-3730 (126'). 1" top and bottom chokes on 4½" drill stem. Tool open 35 minutes. Slight initial air blow; dead in 15 minutes. Recovered 120' drilling fluid with no shows oil or gas. FEHP 2000 to 1800 psi, indicating tool probably plugged.
- DST No. 3: 3860-3940 (30'). 1" top and bottom chokes on 4½" drill stem. Tool open 60 minutes. Gas to surface in 7 minutes: strong blow initially decreasing to weak blow at end of test. Recovered 60' gas-cut drilling fluid, 30' oil and gas cut mud, and 540' salty sulphur water. FBHP 60 to 225 psi. 15-minute SIEHP 1220 psi.

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Operator: J. J. Goss
 511, Highgate No. 1
 Location: 100 W. 18th St., New York, N.Y. 10011

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