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	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico


AREA 640 ACRES  
LOCATE WELL CORRECTLY

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 All State Land submit 6 Copies

J. A. Cone Cone Jalmat Yates Pool Unit  
(Company or Operator) (Lease)  
Well No. 4-12, in SW 1/4 of NW 1/4, of Sec. 24, T. 22 S., R. 35 E., NMPM.  
Jalmat Yates Pool, Lea County.  
Well is 830 feet from West line and 1815 feet from North line  
of Section 24. If State Land the Oil and Gas Lease No. is B-11223-3  
Drilling Commenced 8/8, 1964. Drilling was Completed 8/16, 1964  
Name of Drilling Contractor Sitton and Norton Drilling Co.  
Address Lubbock, Texas  
Elevation above sea level at Top of Tubing Head 3,602.3. The information given is to be kept confidential until October 12, 1964.

OIL SANDS OR ZONES

No. 1, from 3776 to 3938 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 900 to 1,162 feet. Santa Rosa (Brackish)  
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
3 5/8	24	New	320	Guide	None	None	Surface casing
5 1/2	14 & 15.5	Used	3996	Guide	None	3781 - 3937	Oil 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	3 5/8	320	175	pump & plug	9.5 native	none
7 7/8	5 1/2	3996	450	pump & plug	10.5	none

RECORD OF PRODUCTION AND STIMULATION

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

Perforations were washed with 500 gal break down acid, formation broke at 2500 psi to 1500 psi, acid circulated from hole. Well was treated with 10,000 gal jelled water and 10,000 lb sand at an average 2400 psi.

Result of Production Stimulation Well produced 3 Bbl oil and 14 Bbl water with GOR too small to determin.

Depth Cleaned Out 3978'

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 Surface feet to TD 4000 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing October 2, 1964

OIL WELL: The production during the first 24 hours was 1.7 barrels of liquid of which 17.6% was  
was oil; 0% was emulsion; 32.4% water; and 0% was sediment. A.P.I.  
Gravity 34° API

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	1776	T. Devonian	T. Ojo Alamo
T. Salt	1917	T. Silurian	T. Kirtland-Fruitland
B. Salt	3588	T. Montoya	T. Farmington
T. Yates	3776	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	below TD	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	11	Sub structure				
11	50	39	Surface & caliche				
50	960	910	Red bed				
960	1160	200	Sand				
1160	1776	616	Red bed				
1776	1917	141	Anhydrite				
1917	3588	1671	Salt & anhydrite				
3588	3776	188	Dolomite & anhydrite				
3776	4000	224	Sand & Dolomite				
	4000		TD of well				

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. Cone

Address 10/14/64  
P.O. Box 371 Lubbock, Tex

Name Position Title Engineer