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Form C-105
Revised 11-1-76

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

MAY 20 1977

1a. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

DRY ☒

O. C. C.
ARTESIA, OFFICE
OTHER

b. TYPE OF COMPLETION

NEW WELL ☐

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

OTHER P/A

2. Name of Operator

Maddox Energy Corporation

3. Address of Operator

702 Vantage Tower, 2525 Stemmons, Dallas, Texas 75207

4. Location of Well

UNIT LETTER I LOCATED 990 FEET FROM THE East LINE AND 1980 FEET FROM

THE South LINE OF SEC. 18 TWP. 20-S RGE. 26-E NMPM

15. Date Spudded

8/17/76

16. Date T.D. Reached

9/26/76

17. Date Compl. (Ready to Prod.)

P/A 3/24/77

18. Elevations (DF, RKB, RT, GR, etc.)

3313.1' KB

19. Elev. Casinghead

3295.7'

20. Total Depth

10,109' KB

21. Plug Back T.D.

10,063' KB

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

All

Cable Tools

None

24. Producing Interval(s), of this completion - Top, Bottom, Name

None - Dry Hole

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

GR-DI-LL @ 1897' KB.

27. Was Well Cored

Gamma-ray-comp. N. - Density; Dual laterolog-MSFL dip meter @ TD. No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	79	30'	30"	4 yds. ready mix	None
13 3/8"	48	376'	17 1/2"	400 sx. (circ)	None
8 5/8"	24	1897'	11"	825 sx. (circ)	None
5 1/2"	17	10,109'	7 7/8"	500 sx. (TC 7500')	7499'

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					None	Well Plugged	

31. Perforation Record (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
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Date of Test	Hours Tested	Choke Size	Prod'n. for Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

4. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

5. List of Attachments

DST Summary

6. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

TITLE

Consultant

DATE

5/18/77

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn 8618	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 9190	T. Pictured Cliffs	T. Penn. "D" 1
T. Yates	T. Morrow 9405	T. Cliff House	T. Leadville
T. 7 Rivers	T. Miss Barnett 9870	T. Menefee	T. Madison
T. Queen	T. Devonian	T. Point Lookout	T. Elbert
T. Grayburg	T. Silurian	T. Mancos	T. McCracken
T. San Andres 1035	T. Montoya	T. Gallup	T. Ignacio Qizte
T. Glorieta	T. Simpson	T. Base Greenhorn	T. Granite
Bone Sp. 3435	T. McKee	T. Dakota	
T. Paddock	T. Ellenburger	T. Morrison	
T. Blinberry	T. Gr. Wash	T. Todilto	
T. Tubb	T. Granite	T. Entrada	
T. Drinkard	T. Delaware Sand	T. Wingate	
T. Abo	T. Bone Springs	T. Chinle	
T. Wolfcamp 7095		T. Permian	
T. Penn.		T. Penn. "A"	
T. Cisco (Bough C) 7845			

OIL OR GAS SANDS OR ZONES

No. 1, from 8617 to 8626*	No. 4, from.....to.....
No. 2, from 9757 to 9764*	No. 5, from.....to.....
No. 3, from.....to.....	No. 6, from.....to.....

*Not commercial.

IMPORTANT WATER SANDS

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

No. 1, from None to my knowledge to.....feet.
No. 2, from.....to.....feet.
No. 3, from.....to.....feet.
No. 4, from.....to.....feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1035	1035	Sand lime				
1035	3435	2400	San Andres				
3435	7095	3660	Bone Springs				
7095	7845	750	Wolfcamp				
7845	8335	490	Cicso				
8335	8618	283	Upper Penn.				
8618	9190	572	Strawn				
9190	9405	215	Atoka				
9405	9870	465	Morrow				
9870	10,109	239	Barnett Shale				

MADDOX ENERGY CORPORATION
SOUTH WILLOW DRAW COM. NO. 1
EDDY COUNTY, NEW MEXICO

- DST No. 1: (7946 - 8148', Cisco) Five minutes preflow, tool open 68 minutes, weak blow throughout; no gas to surface. Recovered 30' drilling mud. IFP 165-153 psig, 90 min. ISIP=343 psig. FFP 153 to 140 psig, 300 min. FSIP=647 psig. Initial and final hydro=3878 psig. BHT=154°F.
- DST No. 2: (8585' - 8839', Strawn) Five minute preflow, tool open. 180 minutes, gas to surface in 73 minutes. Weak blow increasing to 92 MCF/day @ 50 psig on 1/4 inch choke at end of flow period. Recovered 575' drilling fluid. IFP=265-304 psig, 30 minute ISIP=950 psig, FFP=265 to 304 psig. 315 min. FISP=3387 psig. Initial and final hydro. 4257 psig. BHT=164°F.
- DST No. 3: (9655'-9749', Morrow) Five minutes preflow, tool open 180 minutes. Gas to surface in 83 minutes. Weak blow increasing to 25 MCFPD on 1/4 inch choke @ 5 psig. Recovered 120' GCDM and 3300' salt water. IFP=331-462 psig, 120 min. ISIP=4112 psig. FFP=462-2044 psig. 300 min. FSIP=4020 psig. BHT=176°F.
- DST No. 4: (9736 - 9856', Morrow) Packers failed. Preflow 15 minutes, GTS 12 min. @ 400 MCF/day @ 20 psig on 3/4" choke. Shut-in 90 minutes, packers failed at initiation of final flow.
- DST No. 5: (9750' - 9858', Morrow) 15 min. preflow, gas to surface in 9 minutes, tool open 150 min. Flow 960 MCF/day on 3/4" choke @55 psig in 90 min. Flow 560 MCF/day on 1/4" choke @ 370 psig at end of final flow and still building. Recovered 275' HGC drilling fluid. 90 min. ISIP=4135 psig, IF 205 to 205 psig, FF 358 to 641 psig. 180 min. FSIP=4031 psig. Initial and final hydro. 4890 psig.
- DST No. 6: (7596' - 7704', Wolfcamp) Straddle test. 15 min. preflow, tool open 150 min., no gas to surface. Weak blow throughout. Recovered 15' of drilling fluid. IF 76 to 76 psig, 90 min. ISIP=128 psig. FF 76 to 76 psig, 300 min. FSIP=128 psig. BHT=148°F.
- DST No. 7: (4040' - 4148', Bone Springs) Straddle test. 15 min. preflow, tool open 120 min., good blow throughout, no gas to surface. Recovered 1050' sulphur water. IF 51 to 56 psig, 90 min. ISIP=1077 psig. FF=282 to 512 psig, 240 min. FSIP 717 psig. Initial and final hydro. press. = 1984 psig. BHT=105°F.


5/18/77

WELL NAME AND NUMBER 501 WILLOW DRAW COM. #1

LOCATION Section 18, T-20-S, R-26-E, Eddy County, New Mexico
(New Mexico give U, S, T & R; Texas give S, Blk., Sur. & Twp. when required)

OPERATOR Llano, Inc.

DRILLING CONTRACTOR McVay Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
$\frac{1}{2}^{\circ}$ 285	$\frac{1}{2}^{\circ}$ 4650	$1 \frac{3}{4}^{\circ}$ 9265	
1° 375	1° 5160	2° 9745	
$1 \frac{1}{2}^{\circ}$ 575	1° 5445	$1 \frac{3}{4}^{\circ}$ 9953	
$\frac{1}{2}^{\circ}$ 812	1° 5885		
$\frac{1}{2}^{\circ}$ 1105	1° 6285		
1° 1510	$\frac{1}{2}^{\circ}$ 6660		
$1 \frac{1}{4}^{\circ}$ 1895	$\frac{1}{2}^{\circ}$ 7065		
$\frac{1}{2}^{\circ}$ 2315	1° 7510		
$\frac{1}{2}^{\circ}$ 2810	2° 8125		
$1 \frac{3}{4}^{\circ}$ 3300	$1 \frac{1}{2}^{\circ}$ 8275		
$1 \frac{3}{4}^{\circ}$ 3418	$1 \frac{3}{4}^{\circ}$ 8530		
$1 \frac{3}{4}^{\circ}$ 3500	$1 \frac{3}{4}^{\circ}$ 8705		
$1 \frac{1}{2}^{\circ}$ 3845	$2 \frac{1}{4}^{\circ}$ 8840		
$3/4^{\circ}$ 4200	2° 8985		

RECEIVED Drilling Contractor McVay Drilling Company

FEB 21 1977

By Jan. H. J.

O. C. C.

ARTESIA, OFFICE

Subscribed and sworn to before me this 5 day of October, 19 76

My Commission Expires: 4-28-77

L. C. Powell
Notary Public

Lea

County, New Mexico