

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	

TYPE OF WELL B-1 (m)

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

Name of Operator Maddox Energy Corporation

7. Unit Agreement Name

8. Farm or Lease Name

Pardue Farms 27 Btry. 1

9. Well No.

4

Address of Operator Suite 906 Blanks Building, Midland, Texas 79701

Location of Well

10. Field and Pool, or Wildcat

South Culebra Bluff Bone Spring

IT LETTER P LOCATED 660 FEET FROM THE south LINE AND 660 FEET FROM

east LINE OF SEC. 27 TWP. 23S RGE. 28E NMPM

12. County

Eddy

Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
<u>6/11/81</u>	<u>7/1/81</u>	<u>9/25/81</u>	<u>3035' GL</u>	
Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
<u>7300'</u>	<u>7250'</u>		<u>0-7300</u>	Cable Tools

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

6272-7121, Bone Spring

25. Was Directional Survey Made

No

Type Electric and Other Logs Run

GR, Dual Spaced Comp. Neutron

27. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	498'	12 1/4"	335 sx C1 C, 2% CaCl	Circ.
4 1/2"	10.50 & 11.60#	7300	7 7/8"	3 Stages: 1st 475 sx C1 C	50/50 Poz, 2%
gel & 6# slt- Circ DV tool 4 1/2 hrs; 2nd 825 sx Hal Lite 6# slt, 1/4# flocl & 100 sx C1 C - Circ.					
DV tool 8 1/4 hrs; 3rd 1650 sx Hal Lite 8# slt, 1/4# flocl & 150 sx C1 H 2% CaCl-Circ. to surface.					

LINER RECORD

30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					<u>2 3/8"</u>	<u>6217</u>	

Perforation Record (Interval, size and number) 3 1/8" gun Total

62 shots: 6272, 83, 92, 6328, 40, 50, 60, 70, 6400, 10, 22, 26, 36, 63, 67, 71, 80, 88, 6510, 18, 24, 41, 44, 64, 82, 86, 90, 6603, 12, 26, 36, 39, 69, 75, 84, 89, 6710, 16, 6878, 84, 93, 6900, 07, 13, 18, 24, 30, 42, 54, 58, 62, 65, 84, 89, 97, 7012, 18, 7102, 10, 16 & 7121'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>6272-7121</u>	<u>5400 gal 15% NE acid</u>
	<u>Frac: 271,300# 20/40 sd w/20%</u>
	<u>CO₂ in 2 stages w/1000 gal 15%</u>
	<u>NE behind each stage</u>

PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
<u>9/26/81</u>	<u>Pump-2"x1 1/2"x18' Harbison Fischer 115" stroke pmp</u>	<u>Prod.</u>
Date of Test	Hours Tested	Choke Size
<u>10/8-9/81</u>	<u>24</u>	<u>1"</u>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
<u>60</u>	<u>60</u>	<u>15.7</u>
Oil - Bbl.	Gas - MCF	Water - Bbl.
<u>15.7</u>	<u>43</u>	<u>28.3</u>
Oil - Bbl.	Gas - MCF	Water - Bbl.
<u>15.7</u>	<u>43</u>	<u>28.3</u>
Oil Gravity - API (Corr.)	<u>42.8 at 60° F</u>	

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

Sold to El Paso Natural Gas Co.

Test Witnessed By

List of Attachments

Deviation Record, Log

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 [Signature] TITLE Agent DATE 10/15/81

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 quadruplicate 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 _____ 460	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 625	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blincoy _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____ 2650	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____ 6297	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 6297 _____ to _____ 7254 _____	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 _____ 115 _____ to _____ 210 _____ 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	460	460	Red Shale & Sand				
460	625	165	Anhydrite & Shale				
625	2610	1785	Anhydrite & Salt				
2610	2650	40	Black Limestone				
2650	6297	3647	Massive Sandstone & Gray Shales				
6297	7254	957	Limestone, Carbonaceous Shale & Siltstone				

FIELD South Culebra Bluff Bone Spring COUNTY Eddy OCC NUMBER _____
OPERATOR Maddox Energy Corporation ✓ ADDRESS Suite 906, The Blanks Building
Midland, Texas 79701
LEASE Pardue Farms "27" WELL NO. 4
SURVEY Unit P, 660 FSL, 660' FEL Sec. 27, T23S, R28E, N.M.P.M.

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
496	3/4
812	2
1029	2 3/4
1141	2 3/4
1244	1 3/4
1426	1
1642	2
1859	2 1/4
2044	3
2137	2 3/4
2322	3
2661	1 1/4
2876	1 1/4
3079	3/4
3481	1
3877	3/4
4307	1/2
4735	1
5166	1
5352	1 1/4
5822	1 1/4
6312	1 1/4
6801	1 1/4
7300	1 1/4

RECEIVED

OCT 16 1981

OFFICE
ATTENTION

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: [Signature]
Walter Frederickson
Vice President

Sworn and subscribed to before me the undersigned authority, on this the

12th day of July, 1981.

Margaret B. Anderson Notary Public in and for Midland County, Texas.
Margaret B. Anderson