

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. <u>L-7017</u>	

1. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

3. Name of Operator
Maddox Energy Corporation

4. Address of Operator
P. O. Box 217, Loving, New Mexico 88256

5. Location of Well

7. Unit Agreement Name

8. Farm or Lease Name
Flower Draw 2 State

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat - Spring

UNIT LETTER C LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM East

11. Date Spudded
1-27-81

12. County
Eddy

13. Date T.D. Reached
5-24-81

14. Date Compl. (Ready to Prod.)
10-14-81

15. Elevations (DF, RKB, RT, GR, etc.)
2974' GL

16. Total Depth
13,450'

17. Plug Back T.D.
7680'

18. Intervals Drilled By
Rotary Tools

19. Elev. Casinghead
61-13,450'

20. Cable Tools
0-61'

21. Producing Interval(s), of this completion - Top, Bottom, Name
6333-7124' Bone Springs

22. Was Directional Survey Made
No

23. Type Electric and Other Logs Run
Compensated Neutron-Formation Density, Dual Laterolog-Micro SFL & Cement Bond

24. Was Well Cored
No

CASING RECORD (Report all strings set in well)				
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD
20"	94#	520'	26"	200 sx Quik-Set & 950 sx Cls C
13-3/8"	61#	2765.75'	17-1/2"	3250 sx Hal Lite & 300 sx Cls C
9-5/8"	47# & 43.5#	9550'	12-1/4"	4410 sx Trinity Lite & 300 sx Cls H

LINER RECORD				TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET
7"	9241	12,949	900	2-7/8"	6332.12'
4-1/2"	12,630	13,449	100		

25. Perforation Record (Interval, size and number) 4" - 92 holes.
6333, 40, 62, 66, 6403, 09, 20, 25, 32, 45, 60, 65, 76, 83, 90, 6501, 17, 21, 32, 38, 44, 50, 62, 67, 80, 90, 99, 6613, 24, 33, 67, 74, 79, 86, 98, 6706, 21, 30, 38, 43, 60, 71, 82, 86, 96, 6806, 12, 20, 27, 48, 54, 60, 84, 93, 6903, 14, 42, 48, 57, 65, 72, 79, 95, 7002, 12, 29, 43, 48, 57, 65, 79, 87, 95, 7104, 11, 24, 7509, 16, 25, 30, 34, 7539, 52, 58, 7612, 18, 28, 38, 47, 56 & 69.

26. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
SEE ATTACHED DRILLING REPORTS

27. 7539, 52, 58, 7612, 18, 28, 38, 47, 56 & 69. PRODUCTION

28. Date First Production
8-16-81

29. Production Method (Flowing, gas lift, pumping - Size and type pump)
Harbison Fischer - single valve - Pumping - 2" x 1-1/2" x 18" RWBO-115" stroke

30. Well Status (Prod. or Shut-in)
Prod.

31. Date of Test
1-2-82

32. Hours Tested
24

33. Choke Size
open

34. Prod'n. For Test Period
41

35. Oil - Bbl.
41

36. Gas - MCF
32

37. Water - Bbl.
295

38. Gas-Oil Ratio
1.28

39. Low Tubing Press.

40. Casing Pressure

41. Calculated 24-Hour Rate
41

42. Oil - Bbl.
41

43. Gas - MCF
32

44. Water - Bbl.
295

45. Oil Gravity - API (Corr.)
46

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

47. Test Witnessed By
Wayne Laufer

48. List of Attachments
Deviation Record & Logs

49. 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 Walter Hughes TITLE Production Supervisor DATE 1-7-82

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 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 _____ 900	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1200	T. Strawn _____ 12,150	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt _____ 2635	T. Atoka _____ 12,295	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. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____ 2635	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____ 6330	T. Wingate _____	T. _____
T. Wolfcamp _____ 8650	T. _____	T. Chinle _____	T. _____
T. Penn. _____ 12,150	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 6330 _____ to _____ 7675 _____	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 _____ 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	900	900	red shale & sand				
900	1200	300	anhydrite & shale				
1200	2625	1425	anhydrite & salt				
2635	2670	35	black limestone				
2670	6330	3660	massive sandstone & grey shale				
6330	7675	1345	limestone, siltstone & carbonaceous shale				
7675	8650	975	limestone & shale				
8650	12150	3500	black shale & shaley sand				
12150	12295	145	brown dense limestone				
12295	TD	1155	shale, limestone & sandstone				

WELL NAME AND NUMBER	MADDOX ENERGY CORPORATION FLOWER DRAW 2 STATE NO. 1	STATE	New Mexico
FIELD	Wildcat	COUNTY	Eddy

8/9/81	"	170	Shut-in. RU & TIH w/2-7/8" tbg & 9-5/8" Baker Lock Set pkr to 7669'. RU Dowell & spotted 485 gal 15% MSR-100 acid 7669-7509'. Pulled 8 jts tbg & set pkr @ 7400'. Nippled dwn BOPs. Nippled up 11"-10,000# X 11"-5,000# X-tree. Dowell broke down perfs with previously spotted acid, 600# @ 3 bbls/min. Acidized w/815 gal 15% MSR-100 acid. Max pressure 1060# @ 3.2 bbls/min. Dropped 30 7/8" ball sealers w/some ball action. Instant shut down pressure 90#. Closed well in. Riggd dwn Dowell. SDFN.
8/14/81	"	175	Bone Springs. Prep to frac. Finished TIH w/Baker lock set pkr, seating nipple and 200 jts 2-7/8" N-80 tbg tstg to 8000#, nippled dwn BOP, set pkr w/12,000# compression @ 6193' and landed in tree, installed tree saver, press. up on back side to 500#, test lines to 8000#, acidized w/10,000 gal 15% MSR-100 dropping 30 ball sealers initially & 10 balls every 15 bbls of acid thereafter (180 balls total). Had pump problems in middle of acid job & had to shut down, therefore did not ball out. Max press. 2100#, max rate 10 BPM, ISIP 600#. Surge balls off perfs, prep to frac, could not get turbine engine primed, too dark to frac, will frac @ 11:00 a.m. today.
8/15/81	"	176	Flowing to pit. RU Dowell, tstg lines to 8000#, frac well thru tbg w/90,000 gal YF400 & 20% CO ₂ + 24,000# FLA100 + 264,000# 20/40 mesh sand in 4 stages dropping 40 ball sealers between each stage (120 total), 3# max 100 mesh & 7# max 20/40 mesh, max total rate 30 BPM (fluid & CO ₂), avg rate 26 BPM, max press. 7600#, avg pumping press. 6000#, flush w/2% KCL & CO ₂ to top of perfs, surge balls off perfs, finish displacement, ISIP 780#, 5 min. 720#, 10 min. 710#, 15 min. 700#, maintained 3100# on csg while fracing, left well SI 2-1/2 hrs, SITP 560#, open @ 3:00 p.m. 8-14-81 on 16/64" choke & flowed @ 440# FTP, unloaded heavy frac fluid out tbg then started thin fluid & CO ₂ w/700# FTP on 14/64" choke. 500# FTP on 15/64" choke @ 6:00 a.m., 8/15/81.

interval:
6333 - 7124'

FIELD Wildcat COUNTY Eddy OCC NUMBER _____
 OPERATOR Maddox Energy Corporation ADDRESS Suite 906 - The Blanks Building
Midland, Texas 79701
 LEASE Flower Draw State "2" WELL NO. 1
 SURVEY 1980' FNL & 1980' FEL of Sec. 2 T-26-S R-28-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
273	3/4
520	1
774	1
1,023	1
1,406	3
1,495	2 3/4
1,530	3
1,600	3 1/4
1,650	3 1/4
1,690	3
1,776	2 3/4
1,900	3
1,961	3
1,969	2 3/4
2,155	2
2,247	1 3/4
2,340	2
2,910	3/4
3,142	1/2
3,352	3/4
3,507	1/2
3,719	1/2
3,933	1/2
4,120	1/2
4,303	1/2
4,516	3/4
4,790	3/4
5,096	1/2
5,374	1/2
5,680	3/4

RECEIVED
 JAN 8 1982
 O. C. D.
 ARTESIA OFFICE

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.

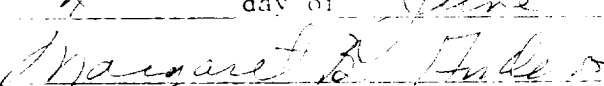
HONDO DRILLING COMPANY

BY: 

Walter Fredericksen
 Vice President

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

4th day of June, 1981.


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

FIELD Wildcat COUNTY Eddy OCC NUMBER _____
 OPERATOR Maddox Energy Corporation ADDRESS Suite 906 - The Blanks Building
Midland, Texas 79701
 LEASE Flower Draw State "2" WELL NO. 1
 SURVEY 1980' FNL & 1980' FEL of Sec. 2 T-26-S R-28-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
6,137	3/4
6,885	1
7,189	2
7,283	1 3/4
7,404	1 1/4
7,619	1 1/4
7,803	3/4
7,991	3/4
8,241	3/4
8,457	3/4
8,655	2 1/4
7,752	2 3/4
8,858	2 1/4
8,951	2 1/4
9,150	2 1/4
9,355	1 3/4
9,550	3/4
10,225	1 1/2
10,753	2
11,342	2
11,633	1
12,298	1
12,683	1
12,850	1
12,924	1
13,307	1/2
13,450	1/2

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

4th day of June, 1981.

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

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

JAN 21 1982

Form O-101
Superseded O-128
Effective 1-1-81

All distances must be from the outer boundaries of the Section

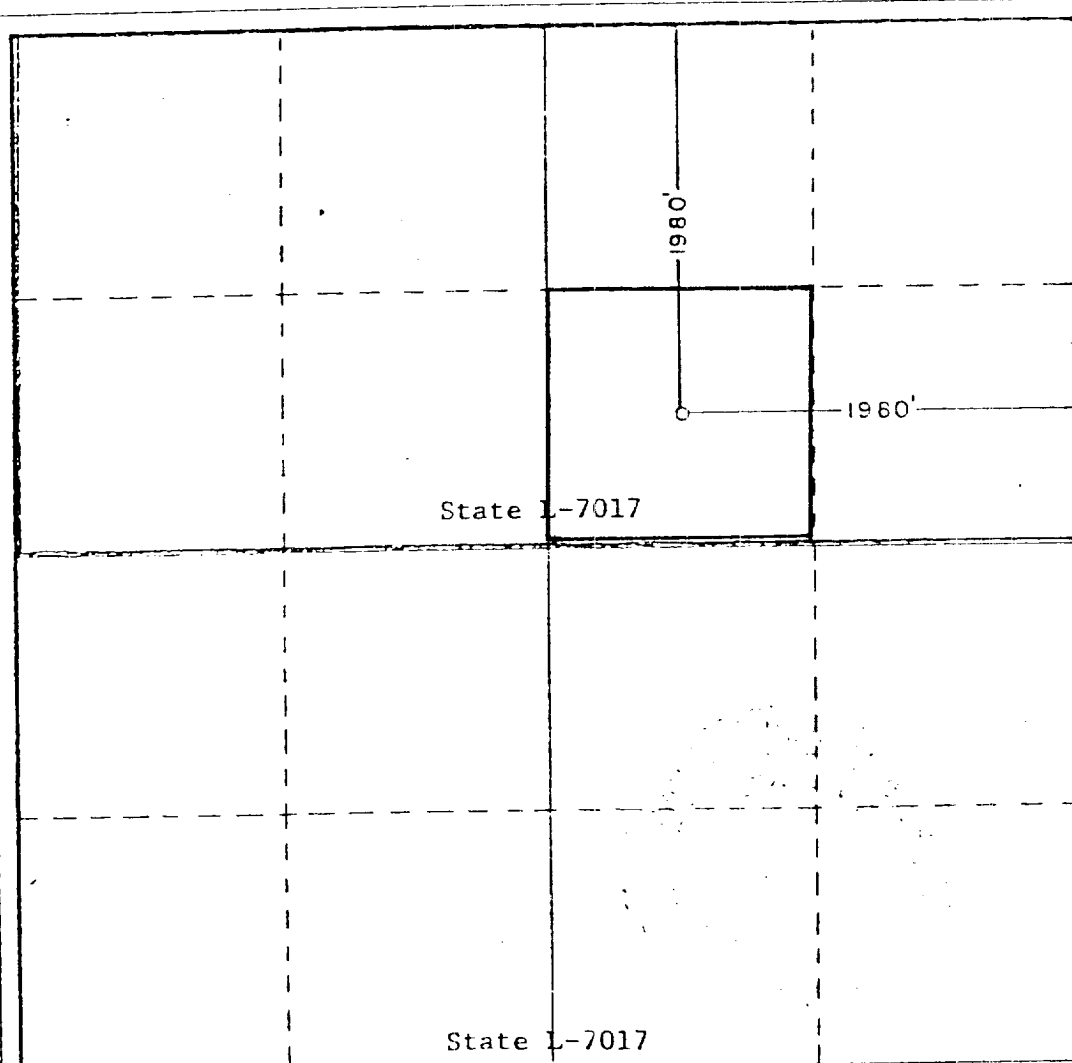
Operator Maddox Energy, Inc.			Lease Flower Draw 2 State: New Mexico State		
Section G	Section 2	Township 26 South	Range 28 East	County Eddy	
Actual Well Location of Well: <div style="display: flex; justify-content: space-between;"> 1980 feet from the North line and 1980 feet from the East line </div>					
Ground Level Elev. 2955.8	Producing Formation Bone Springs	Pool Wildcat		Dedicated Acreage 40	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below. Acreage outlined in red. This well is plugged back from 320 acre spacing.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) None. State Lease

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Position

George W. Johnston
Vice President

Company

Maddox Energy Corporation

Date

January 19, 1982

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

10-14-80

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6667
Ronald J. Eidson 3235

Attachment to Form C-1

Maddox Energy Corporation
Flower Draw No. 1
Eddy County, New Mexico

<u>Tract No.</u>	<u>Royalty Owners</u>	<u>Acreage</u>	<u>Working Interest Owners</u>
1	State of New Mexico	SW/4 NE/4	Maddox Energy Corporation