

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

S

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.
Other:

2. Name of Operator
MOREXCO, INC. 15262

3. Address
BOX 953, MIDLAND, TX 79702

3a. Phone No. (include area code)
432 684-6381

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 2310' FSL & 990' FEL (f)

MAR 24 2008

OCD-ARTESIA

At top prod. interval reported below Same

At total depth Same

14. Date Spudded
01/17/2008

15. Date T.D. Reached
02/04/2008

16. Date Completed
☐ D & A ☒ Ready to Prod

5. Lease Serial No.
NM 92757

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Goodnight Federal, Well #2

9. AFT Well No.
30 015 36015

10. Field and Pool or Exploratory
Willow Lake, Bone Springs 64450

11. Sec., T., R., M., on Block and
Survey or Area
Sec 30, T24S, R28E

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, RKB, RT, GL)*
3060'

18. Total Depth: MD 6230'
TVD

19. Plug Back T.D.: MD 6182'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GR/Laterolog

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size Grade	Wt (lb/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks & Type of Cement	Slurry Vol (EBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	48#	0	527'		680 sx Cl C & H		surface	0
11"	8 5/8"	32 & 24#	0	2472'		1150 sx C		surface	0
7 7/8"	5 1/2"	15.5#	0	6230'	4303'	725 sx C		1300' BL	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	6015'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Springs	5903'	6230'	5903' - 5987'	1 shot	21 hole	open
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5903-5987'	3000 gals 7 1/2% NEFE; 1155 bbls gel w/2% KCL water w/50,000# sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/28/08	03/07/08	24	→	76	105	350	39		pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→				1382	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

MAR 24 2008

JERRY FANT
PETROLEUM GEOLOGIST

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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

SALES

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
BONE SPRING	1515'	2460'		TOP ANHYDRITE	950'
				TOP SALT TOP DELAWARE SAND	1615' 2460'
				TOP BONE SPRING	580

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Ann E. RitchieTitle Regulatory AgentSignature Date 03/13/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

WELL NAME AND NUMBER Goodnight Federal #2

LOCATION Section 24, T24S, R28E, Eddy County

OPERATOR Morexco Oil Company

DRILLING CONTRACTOR United Drilling, Inc.

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

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1/4 @ 269'	1 @ 5923'	
2 @ 512'		
2 @ 1046'		
1 @ 1298'		
1-1/4 @ 1550'		
1 -3/4 @ 1770'		
2 @ 2022'		
3 @ 2273'		
3 @ 2305'		
3 @ 2399'		
3/4 @ 2904'		
1 @ 3407'		
1 @ 3909'		
1 @ 4413'		
1/2 @ 4916'		
1/2 @ 5420'		

UNITED DRILLING, INC.

By: Luisa Garcia
(Luisa Garcia)

Title: Assistant Office Manger

Subscribed and sworn to before me this 7 day of February, 2008

Jose A. Cho
Notary Public
Chaves, NM
County State

My Commission Expires:

10-8-08

