

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
side)FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM 107394

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

None

8. FARM OR LEASE NAME, WELL NO.

Rough Rider Fed. #1

9. API WELL NO.

30-041-20901

10. FIELD AND POOL, OR WILDCAT

Chaveroo (Permo, Penn, North

11. SEC. T. R. M., OR BLOCK AND SURVEY
OR AREA

Sec 9, T7S-R33E

12. COUNTY OR
PARISH

Roosevelt

13. STATE

NM

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other ☐

2. NAME OF OPERATOR

Morexco, Inc.

3. ADDRESS AND TELEPHONE NO.

P. O. Box 1591, Roswell, NM 88202 505-627-1290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 990 FNL & 990 FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12/31/2002

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

19. ELEV. CASINGHEAD

1/8/2003

2/2/2003

3/5/2003

4394 GR

4396

20. TOTAL DEPTH, MD & TVD

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL.
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

9177

9124

All

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Bough "B" 8289 - 8298'

26. TYPE ELECTRIC AND OTHER LOGS RUN

CN/DNL & Dual Lateral Log w/micro

25. WAS DIRECTIONAL
SURVEY MADE

Yes

27. WAS WELL CORRED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	—AMOUNT—PULLED—
13 3/8	54.4#	463'	17 1/4	411 sxs class "C"	cir 46 sxs
8 5/8	24 & 32	4085'	12 1/4	1200 sxs of poz & 200 sxs of class "C"	cir 51 sxs
5 1/2	17	9177'	7 7/8	1st stage—250 sxs "H" 2nd stage—1445 Lite & 100sxs	Top of cement "H" 2650

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

Bough "B" 8289 - 8298" 4 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8289 - 8298	3000 gals of 15% NEFE

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/5/03		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/5/03	24	NA	→	32.5	TSTM	154	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
100	20	→	32.5	TSTM	154	ACCEPTED FOR RECORD	
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

President

ARMANDO A. LOPEZ
PETROLEUM ENGINEER

DATE 3/11/03

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

37. SUMMARY OF POROUS ZONES: (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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No Cores or DSTs.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rusler	1940	
Yates	2195	
San Andres	3355	
Tubb	6118	
Abo	6935	
Wolfcamp Lime	7755	
3 Brothers	8030	
Bough - A	8263	
Bough - B	8285	
Bough - C	8308	
Mississippi	9098	

ELF

38363
ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED