

(August 1999)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED

OMB NO. 1004-0137

Expires: November 30, 2000

5. Lease Serial No.

NMSF-047039B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

FEDERAL F 1F

9. API Well No.

3004530352

10. Field and Pool, or Exploratory

BASIN DAKOTA

11. Sec., T., R., M., on Block and Survey

or Area SWSE 17 28N 10W NMP

12. County or Parish

SAN JUAN

13. State

NM

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

GL 5926

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

2. Name of Operator

CROSS TIMBERS OPERATING CO.

3. Address

2700 FARMINGTON AVE., BLDG K SUITE 100
FARMINGTON, NM 87401

Phone No. (include area code)
505.324.1090 Ext 4014

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

At Surface 1900FEL 1285FSL
At top prod. interval reported below
At total depth

14. Date Spudded
02/15/2001

15. Date T.D. Reached
02/28/2001

16. Date Completed
☐ D & A ☒ Ready to Prod.
04/10/2001

18. Total Depth: MD 6976
TVD

19. Plug Back T.D.: MD 6595
TVD

20. Depth Bridge Plug Set: MD 6595
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
SCHLUM PL. X-PRESS AI/SP/GR & CN/TLD, FMI, GR/CCL

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. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	24.000		370		195		0	
7.875	4.500 J-55	11.000		6969		1040		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)
2.375	6500							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	6386	6557	6386 TO 6557		19	
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
6386 TO 6557	1,500 GALS 15% HCL ACID + 30 BS; 56,500 GALS
6386 TO 6557	XL GEL WTR CARRYING 123,560 20/40 SD

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
04/07/2001	04/07/2001	6	→	0.0	78.0	29.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
.5	SI 50	580.0	→		312	116		GSI	

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD

APR 26 2001

FARMINGTON FIELD OFFICE
BY: [Signature]

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #3557 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

NMCCS

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(Sold, used for fuel, vented, etc.)

SOLD

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
L. FRUITLAND COAL	1968	1990		OJO ALAMO SANDSTONE	906
PICTURED CLIFFS	1990	2169		KIRTLAND SHALE	1030
CHACRA	2946	3139		FRUITLAND FORMATION	1650
DAKOTA	6380	6669		LOWER FRUITLAND COAL	1968
				PICTURED CLIFFS SNDSTN	1990
				LEWIS SHALE	2169
				CHACRA	2946
				CLIFFHOUSE SANDSTONE	3564
				MENEFEE	3657
				PT LOOKOUT SANDSTONE	4303
				MANCOS SHALE	4694
				GALLUP SANDSTONE	5517
				GREENHORN LIMESTONE	6290
				GRANEROS SHALE	6348
				DAKOTA SANDSTONE	6380
				BURRO CANYON SNDSTN	6669
				MORRISON FORMATION	6723

32. Additional remarks (include plugging procedure):

NO REMARK PROVIDED

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

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

Electronic Submission #3557 Verified by the BLM Well Information System for CROSS TIMBERS OPERATING CO..

Sent to the Farmington Field Office. Committed to AFMSS for processing by Maurice Johnson on 04/10/2001

Name(please print) RAY MARTIN

Title ENGINEER

Signature _____

Date 04/12/2001

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.