

(August 1999)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
SF-077382

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
FEDERAL F 2F

9. API Well No.
3004530356

10. Field and Pool, or Exploratory
BASIN DAKOTA

11. Sec., T., R., M., on Block and Survey
or Area SWSE 4 27N 10W NMP

12. County or Parish
SAN JUAN

13. State
NM

17. Elevations (DF, RKB, RT, GL)*
GL 6065

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 STATE FARM FARMINGTON, NM 87401
Phone No. (include area code) 505.324.1090 Ext 4003

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface 1805FEL 1060FSL
At top prod. interval reported below
At total depth

14. Date Spudded 02/06/2001
15. Date T.D. Reached 02/15/2001
16. Date Completed D & A Ready to Prod. 03/28/2001

18. Total Depth: MD 6850 TVD
19. Plug Back T.D.: MD 6759 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR/CCL, PLATFORM EXPRESS TLD/CN/PE, AI/SP/ML/FMI

20. Depth: Bridge Plug Set: MD TVD

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	24.000		373		300		0	
7.875	4.500 J-55	11.000		6847		940		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	6488							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BASIN DAKOTA	6376	6616	6381 TO 6592		18	
B)						
C)						
D)						

26. Perforation Record

27. Acid Fracture Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
6381 TO 6592	56,500 GAL BORATE XL 25 LB GUAR GELLED 2% KCl
6381 TO 6592	BORDEN SD
6381 TO 6592	WTR & 100,460 LB 20/40 OTTAWA SD & 24,180 LB

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
	03/27/2001		→						FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	240	620.0	→					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
			→						ACCEPTED FOR
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						APR 11 2001

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #3305 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

ACCEPTED FOR
APR 11 2001
BY [Signature]

BLM/ACC

X

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
DAKOTA	6376	6616		OJO ALAMO SANDSTONE	990
				KIRTLAND SHALE	1105
				FRUITLAND FORMATION	1608
				LOWER FRUITLAND COAL	1962
				PICTURED CLIFFS	1983
				LEWIS SHALE	2146
				CHACRA	2891
				CLIFFHOUSE SANDSTONE	3500
				MENEFEE	3632
				POINT LOOKOUT	4358
				MANCOS SHALE	4677
				GALLUP SANDSTONE	5507
				GREENHORN LIMESTONE	6288
				GRANEROS SHALE	6347
				DAKOTA SANDSTONE	6376
				BURRO CANYON	6616
				MORRISON FORMATION	6676

32. Additional remarks (include plugging procedure):

SUBMITTING ENGINEER: LOREN W. FOTHERGILL SUBMITTAL DATE: 3/29/01

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 #3305 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 03/28/2001

Name (please print) LORREN W. FOTHERGILL

Title ENGINEER

Signature _____

Date 03/29/2001

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.