

(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

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. SF077382	
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
2. Name of Operator CROSS TIMBERS OPERATING CO.		7. Unit or CA Agreement Name and No.	
3. Address 2700 FARMINGTON AVE., BLDG K FARMINGTON, NM 87401		8. Lease Name and Well No. FEDERAL F 1E	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 705FEL 1300FSL At top prod. interval reported below At total depth		9. API Well No. 3004530355	
15. Date T.D. Reached 02/11/2001		10. Field and Pool, or Exploratory BASIN DAKOTA	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/14/2001		11. Sec., T., R., M., on Block and Survey or Area SESE 16 27N 10W NMP	
17. Date Spudded 02/01/2001		12. County or Parish SAN JUAN	
18. Total Depth: MD 6775 TVD		13. State NM	
19. Plug Back T.D.: MD 6715 TVD		17. Elevations (DF, RKB, RT, GL)* GL 6075	
20. Depth Bridge Plug Set: MD TVD			

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
PLATFORM EXPRESS CN/TLD/PE, AI/SP/GR/ML & FMI22. 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		373		375		0	
7 875	4 500 J-55	11 000		6774		980		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		6462						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	6307	6554	6307 TO 6554		22	S
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6307 TO 6554	100,400 LBS 20/40 OTTAWA SD & 24,300 LBS 20/40 SD
6307 TO 6554	56,500 GALS BORATE XL 25 GUAR GELLED

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
03/14/2001	03/14/2001	4	→	0.0	249.0	63.5			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/8	SI 440	842.0	→		249	381		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 FILING
MAR 23 2001
FARMINGTON FIELD
BY

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

ELECTRONIC SUBMISSION #3019 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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):				31. Formation (Log) Markers	
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	Descriptions, Contents, etc.	Name	Top Meas. Depth
GALLUP	5404	5883		OJO ALAMO SANDSTONE	913
DAKOTA	6304	6578		KIRTLAND SHALE	1040
				FRUITLAND FORMATION	1440
				LWR FRUITLAND FORMATION	1871
				PICTURED CLIFFS SANDSTONE	1890
				LEWIS SHALE	2044
				CHACRA	2789
				CLIFFHOUSE SANDSTONE	3412
				MENEFEE	3552
				PT LOOKOUT SANDSTONE	4251
				MANCOS SHALE	4563
				GALLUP SANDSTONE	5404
				GREENHORN LIMESTONE	6219
				GRANEROS SHALE	6276
				DAKOTA SANDSTONE	6304
				BURRO CANYON SANDSTONE	6578
				MORRISON FORMATION	6646

32. Additional remarks (include plugging procedure):

DK PERFS: @ 1 JSPF: 6554', 6551', 6548', 6542', 6538', 6529', 6519', 6513', 6506', 6465', 6458', 6434', 6427', 6422', 6418', 6412', 6406', 6401', 6396', 6346', 6312', 6307'. CMT'D PROD CSG W/780 sx SCHLUMB. LITE-CRETE W/14 PPS CELLOFLAKE (MIXED @ 9.55 PPG & 2.50 CU FT/SX). LEAD SLURRY & 200 SX 50/50 POZ W/2% GEL + 14 PPS CELLOFLAKE + 0.15% DISP + 0.3% FL. SUBMITTING ENGINEER: LOREN W. FOTHERGILL

LOREN W. FOTHERGILL SUBMITTAL DATE: 3/16/01

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 #3019 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 03/14/2001

Name(please print) LOREN W. FOTHERGILL

Title ENGINEER

Signature _____

Date 03/15/2001

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.