

(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

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. NMSE077875		
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. 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. P.O. PIPKIN 4R		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 775FWL 1390FNL At top prod. interval reported below At total depth			9. API Well No. 3004530353		
14. Date Spudded 01/24/2001			10. Field and Pool, or Exploratory BASIN DAKOTA		
15. Date T.D. Reached 02/02/2001			11. Sec., T., R., M., on Block and Survey or Area SWNW 17 27N 10W NMP		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/02/2001			12. County or Parish SAN JUAN		
17. Elevations (DF, RKB, RT, GL)* GL 5996			13. State NM		
18. Total Depth: MD 6684 TVD		19. Plug Back T.D.: MD 6668 TVD		20. Depth Bridge Plug Set: MD TVD	

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) SCHL PLATFRM XPRESS GR/SP/CAL/PE/LDT/CNL/AIL/MSFL	22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)
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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		374		280			
7 875	4 500 K-55	11.000		6684		916			

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	6437							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DAKOTA	6501	6512	6501 TO 6512		24	
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
6501 TO 6512	750 GALS 15% HCL ACID

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/10/2001	03/10/2001	4	→	0.0	51.0	117.0			ACCEPTED FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4	SI 70	250.0	→		400	702		GSI	MAR 28 2001

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 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			→						BY [Signature]

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

ELECTRONIC SUBMISSION #2990 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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
SEE REMARKS	725	6684		OJO ALAMO SS	725
				KIRTLAND SHALE	888
				FRUITLAND FORMATION	1402
				PICTURED CLIFFS	1778
				LEWIS SHALE	1930
				CLIFFHOUSE SS	3290
				MENEFEE	3423
				PT LOOKOUT SS	4160
				MANCOS SHALE	4451
				GALLUP SS	5302
				GREENHORN LS	6107
				GRANEROS SHALE	6166
				DAKOTA SS	6193
				BURRO CANYON SS	6459
				MORRISON FMT	6521

32. Additional remarks (include plugging procedure):

POROUS ZONES: OJO ALAMO SS Top 725' Btm 888'; KIRTLAND SHALE Top 888' Btm 1,402'; FRUITLAND FMT Top 1,402' Btm 1,778'; PICTURED CLIFFS Top 1,778' Btm 1,930'; LEWIS SHALE Top 1,930' Btm 3,290'; CLIFFHOUSE SS Top 3,290' Btm 3,423'; MENEFEE Top 3,423' Btm 4,160'; PT LOOKOUT SS Top 4,160' Btm 4,451'; MANCOS SHALE Top 4,451' Btm 5,302'; GALLUP SS Top 5,302' Btm 5,771'; GREENHORN LS Top 6,107' Btm 6,166'; GRANEROS SHALE Top 6,166' Btm 6,193'; DAKOTA SS Top 6,193' Btm 6,459'; BURRO CANYON SS Top 6,459' Btm 6,521'; MORRISON FMT Top 6,521' Btm 6,684'. SUBMITTING ENGINEER: DARRIN STEEDSUBMITTAL DATE: 3/14/01

33. Circle enclosed attachments:

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|---|--------------------|---------------|-----------------------|
| 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 #2990 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 03/02/2001

Name(please print) DARRIN STEEDTitle ENGINEER

Signature _____

Date 03/14/2001

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.