

UTE MOUNTAIN TRIBAL J #6

07/17/99: MIRU PU. TAGGED FILL @ 2,662' KB.

07/20/99: DO CEMENT FR/2,662' TO FC @ 2,709'. PBTD 2,709' KB. PRESS TESTED CSG TO 3,100 PSIG. HELD OK. RAN GR-CCL LOG FR/2,700' TO 300'. PERF DK W/3-1/8" SELECT FIRE GUN FR/2,554'-60', 2,484'-86' & 2,445'-47' W/2 JSPF @ 180 DEG PHASING. TOTAL 20 - 0.34" DIAM HOLES.

07/21/99: SICP 0 PSIG. SET RBP @ 2,578' KB. TOH & SET PKR @ 2,540' KB. BD PERFS DWN 2-3/8" TBG FR/2,554'-60' @ 2,750 PSIG. PUMPED 100 GALS 15% HCL ACID. ESTIMATED INJECTION RATE 2.3 BPM @ 2,900 PSIG. FINAL RATE 4.4 BPM @ 2,800 PSIG. ISIP 1,800 PSIG, 5" SIP 1,100 PSIG, 10" SIP 800 PSIG, 15" SIP 575 PSIG. SWABBED DRY.

7/22/99: SITP 60 PSIG. RE-SET RBP @ 2,526'. SET PKR @ 2,464'. BD PERFS FR/2,484'-86' @ 2,900 PSIG. PUMPED 50 GALS 15% HCL ACID. ESTIMATED INJECTION RATE @ 1.5 BPM & 2,200 PSIG. FINAL RATE @ 2.3 BPM & 2,200 PSIG. ISIP 1,100 PSIG, 5" SIP 175 PSIG, 8" SIP 0 PSIG. SWABBED WELL DRY.

07/23/99: SITP 5 PSIG. RE-SET RBP @ 2,464' KB. SET PKR @ 2,429' KB. BD PERFS FR/2,445'-47' @ 3,000 PSIG. PUMPED 55 GALS 15% HCL ACID. ESTIMATED INJECTION RATE 1.3 BPM @ 2,900 PSIG. FINAL RATE 2.3 BPM @ 2,900 PSIG. ISIP 1,600 PSIG, 5" SIP 400 PSIG, 10" SIP 100 PSIG, 15" SIP 0 PSIG. SWABBED WELL DRY. SMALL GAS FLOW, TOSTEM.

07/24/99: SIP 200 PSIG. S. 3 BLEW, 3 RUNS. SWB RUN DRY.

07/27/99: SITP 300 PSIG. SET PKR @ 2,524' KB. MIRU BJ. FRAC'D MORRISON PERFS FR/2,554'-60' DWN TBG W/8,568 GALS 20#, X-LINKED, GELLED, 2% KCL WTR & 8,421# 20-40 ARIZONA SD @ 5 BPM & 2,300 PSIG. ISIP 2,138 PSIG, 5" SIP 1,461 PSIG, 10" SIP 1,398 PSIG & 15" SIP 1,319 PSIG. SET RBP @ 2,462' KB. SET PKR @ 2,431' KB. FRAC'D BASAL DK PERFS FR/2,445'-47' DWN TBG W/4,691 GALS 20#, X-LINKED, GELLED, 2% KCL WATER & 4,020# 20-40 ARIZONA SD @ 4.8 BPM & 2,800 PSIG AS FOLLOWS: 798 GALS PAD, 756 GALS W/0.5 PPG SD, 1,008 GALS W/1 PPG SD & 1,722 GALS W/1.5 PPG SD. FLUSHED W/407 GALS 2% KCL WATER. ISIP 2,800 PSIG, 5" SIP 1,334 PSIG, 10" SIP 904 PSIG, & 15" SIP 678 PSIG. RDMO BJ.

07/28/99: SITP 0 PSIG, SICP 0 PSIG. TIH & TAGGED FILL @ 2,430' KB. CO TO PBTD @ 2,709'. NO GAS OR LIQ ENTRY.

07/29/99: SICP 0 PSIG. TIH W/NC, SN & 88 JTS 2-3/8" TBG. BFL 1,000' FS. S. 75 BLW, 18 RUNS. NO GAS. FFL 900' FS.

07/30/99: SITP 45 PSIG, SICP 250 PSIG. TAGGED FILL @ 2,671' KB (40' FILL). S. 56 BLW, 17 RUNS. WELL KO FLWG TO PIT. FTP 6 PSIG, SICP 330 PSIG. FLWD 20" @ 86 MCFPD THEN DIED. S. 30 BLW, 7 RUNS.

08/01/99: F. 35 BW, 1,200 MCFPD (EST, WET GAS RATE), FTP 340 PSIG, SICP 495 PSIG, 3/8" CK, 7.25 HRS. RECOVERED 133 BW (TTL) IN 24 HRS.

08/02/99: F. 43 BW, 700 MCFPD (EST, WET GAS RATE), FTP 210 PSIG, SICP 400 PSIG, 3/8" CK, 8 HRS. RECOVER 140 BW (TTL) IN 24 HRS.

08/03/99: AS OF 6:00 A.M. F. 32 BW, 600 MCFPD (EST), FTP 170 PSIG, SICP 380 PSIG, 3/8" CK, 6 HRS. SET RBP @ 2,578' KB. PU & SET PKR (ABOVE MORRISON) @ 2,548' KB. S. 8 BLW, 7 RUNS FR/SN. 7TH RUN WAS DRY. GAS FLOW WAS TSTM. SET RBP (BELOW BASAL DK) @ 2,462' KB. S. 1 RUN FR/SN. WELL KO FLWG TO TEST TANK ON 1/2" CK @ 2:15 P.M. F. 15 BLW, 746 MCFPD (EST), FTP 120 PSIG, 1/2" CK, 1 HR. AFTER 2 HRS, RECOVER 19 BLW (FR/BASAL DK), 5 BW (FR/BASAL DK), FTP 120 PSIG. LEFT WELL FLWG OVERNIGHT. AS OF 6:00 A.M., F. 19 BLW (TTL FR/BASAL DK), 73 BW (TTL FR/BASAL DK), 622 MCFPD (EST), FTP 100 PSIG, 1/2" CK, 15.75 HRS.

08/04/99: RICH & SET 4-1/2" OWEN IBP @ 2,430' KB. RICH W/3-1/8" ESC DUAL FIRE PERF GUN & PERF'D THE DK FR/2,394'-85', 2,365'-63', 2,353'-51', 2,349'-46' & 2,326'-09' (2 JSPF, 66 HOLES TTL). SET RBP @ 2,404'. SET PKR @ 2,372'. BD INDIVIDUAL PERFS INTERVALS & ACIDIZED W/15% HCL ACID.

08/05/99: F. DK PERFS FR/2,309'-94' AS FOLLOWS: 6,400 GALS X-LINKED 70Q FOAM PAD. 7,140 GALS 20#, BORATE X-LINKED, GUAR GELLED, 70Q N2 FOAMED 2% KCL WTR W/1-4 PPG SD (RAMPED). 13,300 GALS 20#, BORATE X-LINKED, GUAR GELLED, 70Q N2 FOAMED 2% KCL WATER W/4 PPG SD (STG). FLUSHED WELL @ 20 BPM W/27 BBLS 20# LINEAR GEL. ISIP 1,500 PSIG. 5" SIP 1,362 PSIG. 10" SIP 1,212 PSIG. 15" SIP 1,182 PSIG. MAXTP 2,600 PSIG. MINTP 2,380 PSIG. ATP 2,500 PSIG. AIR 29 BPM (DH, FOAM). PUMPED TTL OF 8,400 GALS 20#, BORATE X-LINKED, GUAR GELLED & 69,900# 20/40 MESH AZ SD (IN FMT) & 342,000 SCF N2. SWI FOR 2 HRS. OPEN WELL UP TO TEST TANK @ 12:00 P.M. F. 34 BLW, FCP 500 PSIG, 10/64" CK, 4 HRS. LEFT WELL FLWG TO TEST TANK.

08/06/99: F. 9 BLW, 220 MCFPD (EST, WET GAS RATE), FCP 150 PSIG, 10/64" CK, 6 HRS. AS OF 7:00 A.M. 8/6/99, F. 6 BLW, 169 MCFPD (EST, WET GAS RATE), FCP 50 PSIG, 24/64" CK, 17 HRS.

08/07/99: TAGGED FILL @ 2,112' KB. CO TO CIBP @ 2,430' KB.

08/08/99: TAGGED FILL @ 2,270' KB. BLEW WELL TO PIT THROUGH 2" LINE. RECOVERED 38 BLW.

08/09/99: CO TO CIBP @ 2,430' KB. LANDED TBG AS FOLLOWS: NC, SN & 76 JTS 2-3/8", 4.7#, J-55, EUE, 8RD TBG. EOT SET @ 2,363' KB. RU SWAB LINE. S. 5 BLW, 2 RUNS. WELL KO FLWG. F. 3 BLWPH, 762 MCFPD (EST, WET GAS RATE), FTP 212 PSIG, SICP 215 PSIG, 3/8" CK., 1.5 HRS. RDMO PU.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Cross Timbers Operating Company

3a. Address

2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401

3b. PhoneNo. (include area code)

324 1090

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

450' FSL & 500' FWL Unit M SEC 1, T 31 N, R 14 W

FORM APPROVED

Budget Bureau No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

UTE 14-20-0604-0078

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No  
Ute Mountain Ute Indian  
Tribe

8. Well Name and No.

Ute Mountain #6  
Tribal J

9. API Well No.

30-045-29867

10. Field and Pool, or Exploratory Area

Ute Dome Dakota

11. County or Parish, State

San Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- |                                               |                                                    |                                                    |                                         |
|-----------------------------------------------|----------------------------------------------------|----------------------------------------------------|-----------------------------------------|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                    | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing         | <input checked="" type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction          | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other _____    |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon          | <input type="checkbox"/> Temporarily Abandon       |                                         |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back                 | <input type="checkbox"/> Water Disposal            |                                         |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximated duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Cross Timbers has completed the Dakota formation per the attached sheet.

RECEIVED  
SEP - 7 1999  
OIL CON. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Loren W Fothergill

Title

Operations Engineer

Date August 12, 1999

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

By: 10/3/99

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

San Juan Resource Area

Bureau of Land Management

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.

MMOED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)

OMB NO. 1004-0137

Expires: February 28, 1995

## WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

1a. TYPE OF WELL:

OIL WELL ☐GAS WELL ☒DRY ☐Other ☐

b. TYPE OF COMPLETION:

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

2. NAME OF OPERATOR

Cross Timbers Operating Company

3. ADDRESS AND TELEPHONE NO.

2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401

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

At surface

450' FSL &amp; 500' FWL Unit M Sec 1, T 31 N, R 14 W

At top prod. interval reported below

At total depth

14. PERMIT NO.

Bureau of Land Management  
Durango, Colorado15. DATE SPUDDED  
6/16/9916. DATE T.D. REACHED  
6/26/9917. DATE COMPL. (Ready to prod.)  
8/09/9918. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
6,010' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
2,754'21. PLUG, BACK T.D., MD & TVD  
2,403'22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY  
2,754'

ROTARY TOOLS

CABLE TOOLS

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

2,309' - 2,394'

26. TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction, Compensated Neutron

By: DWR 9-28-99

San Juan Resources Area

Bureau of Land Management

25. WAS DIRECTIONAL  
SURVEY MADE  
Yes27. WAS WELL CORED  
No

## 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
7"	20#	290'	8-3/4"	Surface 75 SX 8' 7"	
4-1/2"	10.5#	2,754'	6-1/4"	Surface 240 SX 246'	

## LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	2,363'	

31. PERFORATION RECORD (Interval, size and number)

2,554' - 60', 2,484' - 86' &amp; 2,445' - 47'

2309-26', 2346-49', 2351-53', 2363-65' &amp; 2385-94'

Note: Perf's 2,445' - 2,560' Under CIBP @ 2,403'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Frac	13,259 gals gel & 12,621# sd
Frac	13,300 gals gel & 69,900# sd

## PRODUCTION

33.* DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 9/3/99	HOURS TESTED 3	CHOKE SIZE .75	PROD'N. FOR TEST PERIOD	OIL - BBL. 0	GAS - MCF. 258	WATER - BBL. 2.5	GAS - OIL RATIO
FLOW. TUBING PRESS. 74 psig	CASING PRESSURE 252 psig	CALCULATED 24-HOUR RATE	OIL - BBL. 0	GAS - MCF. 1031	WATER - BBL. 2.5	OIL GRAVITY - API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold						TEST WITNESSED BY Loren W. Fothergill	
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

Loren W. Fothergill

TITLE Operations Engineer

DATE 9/7/99

\* (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.

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