

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address CROSS TIMBERS OPERATING COMPANY 6001 Highway 64 Farmington, NM 87401		OGRID Number 167067
Reason for Filing Code Change of Operator 11/1/98 12/1/97		Pool Code 86720
API Number 30 - 04529417	Pool Name Ute Dome Dakota	Well Number 25
Property Code 22645	Property Name Ute Indians A	

II. Surface Location

UL or lot no. M	Section 2	Township 31N	Range 14W	Lot Idn	Feet from the 930	North/South Line S	Feet from the 260	East/West line W	County SJ
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Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
U									
Loc Code	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description

IV. Produced Water

POD	POD ULSTR Location and Description
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V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations	DIIC, DC, MC
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement		

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
Choke Size	Oil	Water	Gas	AOF	Test Method

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Vaughn O. Vennerberg

Printed name:

Vaughn O. Vennerberg, II

Title:

Sr. Vice President-Land

Date:

12/1/97

Phone:

(505) 632-5200

OIL CONSERVATION DIVISION

Approved by:

Frank T. Chavez

Title:

Supervisor District #3

Approval Date:

JUN 8 1998

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Gail Jefferson

Sr. Adm. Staff Asst.

12/1/97

Printed Name

Title

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 8 2000

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

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.

Bureau of Land Management
Durango Colorado

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 324 1090

3b. PhoneNo. (include area code)

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

930 FSL & 260 FWL Unit M, Sec 2, T 31 N, R 14 W

5. Lease Serial No.

14-20-604-62

6. If Indian, Allottee or Tribe Name

Ute Mountain Ute Tribe

7. If Unit or CA/Agreement, Name and /or No

8. Well Name and No.

Ute Indians A #25

9. API Well No.

30-045-29417

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

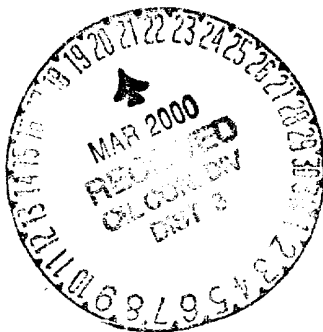
- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

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 Operating Company request permission to add perforations to the existing Dakota formation and to fracture stimulate the existing Dakota formation per the attached procedure.



SEE ATTACHED
CONDITIONS OF APPROVAL

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

Loren W. Fothergill

Title

Production Engineer

Date 2/29/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Ilyse K. Auringer

MINERALS STAFF CHIEF

Title

Office

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.

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.

(Instructions on reverse)

NM000

✓

UTE INDIANS A #25
SEC 36, T 32 N, R 14 W
SAN JUAN COUNTY NEW MEXICO

Formation: Ute Dome Dakota
 Surface csg: 7", 20#, WC-50, STC csg @ 425'. Cmt'd w/110 sx Cl B cmt w/3% CaCl₂, 1/4 #/sx celloflake & 0.5% versaset. Circ 8 bbls cmt to surf.
 Production csg: 4-1/2", 11.6#, WC-50, STC csg @ 2,626'. Cmt'd w/175 sx cl B 50/50 Poz w/2% CaCl₂, 0.4% Halad-344, 0.5% Versaset, 2% gel, 0.25 #/sx Flocele. Tailed in w/50 sx cl B 50/50 Poz w/2% CaCl₂, 0.4% Halad-344, 0.5% Versaset, 2% gel, 0.25 #/sx Flocele. Circ 16 bbls to surf.
 Tbg: MS, SN & 73 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. EOT set @ 2,490' KB. SN set @ 2,489' KB.
 Perfs: 2,282'-87', 2,317'-19', 20'-25', 39'-46', 2,535'-41', 52'-62', 66'-74' w/4 JSPF (180 holes).
 Current Status: F. 78 MCFPD, FTP 305 psig, FCP 307 psig, LP 282 psig, (1/30/00-2/3/00 avg).

1. MIRU PU w/pmp, pit & pwr swivel pkg. Check and record casing, and bradenhead pressures.
2. MI 2 - 400 bbl frac tnks & fill w/2% KCl wtr. MI & set flowback tnk.
3. NJ and pressure test BOP.
4. POH w/2-3/8" tbg.
5. MIRU WL trk. Run CCL log fr/2,625'-425'. Correlate to Halliburton's Dual Induction log dated 11-14-95.
6. Perf 4th Dakota sand w/3-1/8" csg gun fr/2,366'-74' & 2,386'-89' w/4 JSPF. RDMO WL.
7. PU & TIH w/4-1/2" RBP, 4-1/2" Baker "AD-1" (or equivalent) tension set pkr, SN & 2-3/8" tbg. Set RBP @ 2,450' KB. Set pkr @ ± 2,400' (Chk CCl to ensure pkr is not set in csg collar). Press tst RBP to 2,500 psig. Rel pkr. Re set pkr @ 2,355'.
8. BD perfs fr/2,366'-2,389' & est rate w/2% KCl wtr. Acidize w/300 gals 15% NEFE HCl @ 4 EPM (max) & 3,000 psig (max). Record ISIP, 5", 10" & 15" SIP's.
9. Swb & tst well as necessary. Report all oil, gas & wtr volumes.
10. Catch wtr sample & have analyzed after all load has been recovered (last thing before moving on to next step).
11. Rel pkr. TIH & rel RBP. Re-set RBP @ 2,355' KB. Set pkr @ 2,345' KB. Press tst RBP to 2,500 psig. Rel pkr. PU & set pkr @ 2,200'.
12. ID perfs fr/2,282'-2,346' & est rate w/2% KCl wtr. Acidize w/500 gals 15% NEFE HCl @ 4 EPM (max) & 3,000 psig (max). Record ISIP, 5", 10" & 15" SIP's.

13. Rel pkr. TIH & rel RBP. TIH & re-set RBP @ 2,500'.
14. Press tst RBP to 3,500 psig. Rel pkr. TOH w/tbg & pkr.
15. Kill well. ND BOP. NU 4-1/2" frac valve.
16. Fac DK perfs fr/2,282'-2,389' w/38,375 gals 20#, borate x-linked, guar gelled, 70Q, N2 foamed 2% KCl wtr carrying 95,000# 20/40 AZ sd @ 35 BPM & 4,000 psig (max) as follows:

Stage	Volume (gals)	Fluid	Sd Conc (PPG)	Proppant (lbs)
Pad	8,500	70Q Foam	0	
SLF	2,500	70Q Foam	1	2,500
SLF	4,000	70Q Foam	2	8,000
SLF	9,000	70Q Foam	3	27,000
SLF	14,375	70Q Foam	4	57,500
Flush	1,440	20# linear gel	0	
Total	39,815			95,000

17. SWI 4 hrs to let gel break. Flow well back on 10/64" ck. If sand flowback is minimal, increase ck size to keep well unloading. Flow well back until dead or adequate load is recovered.
18. Kill well w/2% KCl wtr if necessary.
19. ND frac valve. NU BOP.
20. PJ & TIH w/RBP retrieving head & 2-3/8" tbg. CO to RBP @ 2,500'.
21. Rel RBP. TOH w/RBP & tbg.
22. TIH w/NC, SN & 2-3/8" tbg. CO to PBTD @2,625'.
23. Land tbg @ $\pm 2,490'$.
24. ND BOP. NU WH. RDMO PU.
25. Swab well in, if required. Report all gas, condensate & water volumes daily as required.
26. Test well as necessary. Report all gas, condensate & water volumes daily as required.

3160

1. Within 30 days after operations have been completed, please send a subsequent report of operations via Sundry Notice.
2. All new pit construction will be contained on the existing well pad. No off-location surface disturbance is approved. Pits to be reclaimed within 15 months of completion date.
3. Burn dike, if used, will be large enough to prevent damage to surrounding vegetation from flaring operations.
4. Pursuant to NTL 4A, part III.c, venting will not exceed a period of 30 days, or the production of 50 MMcf of gas, whichever occurs first.

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