

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.

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

RECEIVED  
BLM

5. Lease Serial No.

SF 077941 A

6. If Indian, Allottee or Tribe Name

43

SUBMIT IN TRIPLICATE - Other instructions on reverse side

69 JUN - 9 PM 12:43  
070 FARMINGTON, NM

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

REC'D / SAN JUAN

2. Name of Operator

Cross Timbers Operating Company

JUN 21 1999

3a. Address

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

3b. Phone No. (include area code)

324 1090

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

1,910' FSL, 1,540' FWL SEC 20, T 27 N, R 10W

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

8. Well Name and No.

C.A. McAdams D #1

9. API Well No.

30-045-11561 11561

10. Field and Pool, or Exploratory Area  
Basin 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	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input checked="" 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 Operations request permission to set a CIBP across the Dakota formation and recompleat the well in the Gallup formation per the attached procedure. Upon stabilized production Cross Timbers will submit an application to downhole commingle the well.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

RECEIVED  
JUL - 9 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

6-4-99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

*[Signature]*

Title

*[Signature]*

Date

6/18/99

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

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)

OPERATOR

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C. A. MCADAMS D #1  
SEC 20, T 27 N, R 10 W  
San Juan County, New Mexico

Surface csg: 8-5/8", 24#, J-55 csg @ 368'. Cmt'd w/220 sx cl C cmt w/2% CaCl<sub>2</sub>.  
Circ 15 sx to surf.  
Production csg: 4.5", 10.5#, J-55 csg @ 6,311'. DV tool @ 4,484'. Cmt'd 1<sup>ST</sup> stg w/400  
sx cl C cmt w/6% gel & 2#/sx med tuf plug + 100 sx cl C neat. Cmt'd  
2<sup>ND</sup> stg w/1,000 sx cl C cmt w/6% gel & 2#/sx med tuf plug. Circ cmt to  
surf.  
Tbg: 192 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg, Baker model B nipple, perf sub,  
2-3/8" OPMA (EOT @ 6,142').  
Perfs: 6,124'-32', 6,154'-62', 6,212'-6,232'  
Current Status: SI.  
WI: 100%.

1. Test anchors on location.
2. MIRU PU w/pmp, pit & swivel pkg. MI 5 jts 2-3/8" tbg. Check casing and bradenhead for pressure.
3. Set 4 400 bbl frac tnks & fill w/2% KCl wtr.
4. ND WH. NU and pressure test BOP.
5. PU & TIH w/± 5 jts 2-3/8" tbg & tag for sd. Report any fill to Loren Fothergill.
6. TOH w/2-3/8" tbg. Inspect tbg for scale or corrosion. If scale is found, test for solubility in 15% HCl acid.
7. MIRU WL. Run GR/CCL fr/6,275' (PBTD)-1,000'.
8. RIH w/WL set BP. Set CIBP @ 5,700' (chk CCL for csg collars).
9. Press tst CIBP & csg to 3,500 psig.
10. RU WL. Perf Tocito Gallup fr/5,538'-60' w/2 JSPF, (22' net pay, total 45 - 0.34" holes).
11. BD perfs fr/5,538'-60' & ball off perfs using 500 gals 15% HCl acid dropping 68 ball sealers. RIH w/junk basket & recover balls. Frac perfs w/attached frac procedure.
12. RU WL. RIH w/WL set BP. Set CIBP @ 5,500' (chk CCL for csg collars).
13. Perf Main Gallup @ 5,278', 80', 82', 84', 5,374', 76', 78', 80', 82', 84', 86', 5,403', 44', 46', 57', 59', 72' & 76', w/1 JSPF, (58' net pay, total 18 - 0.34" holes).
14. BD perfs fr/5,278'-5,476' & ball off perfs using 500 gals 15% HCl acid dropping 27 ball sea. RIH w/junk basket & recover balls. Frac perfs w/attached frac procedure.



15. Flw back csg on ck manifold to pit. Start with 10/64" ck. If sd production is minimal increase ck size until sd production increases.
  16. PU & TIH w/3-7/8" bit, 4 – 3-1/8" DC's & 2-3/8" tbg.
  17. CO to CIBP @ 5,500'.
  18. TOH w/3-7/8" bit, 4 – 3-1/8" DC's & 2-3/8" tbg. LD bit & DC's.
  19. TIH w/2-3/8" production tbg as follows: NC, SN,  $\pm$  175 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. Land tbg @ 5,450'.
  20. Swab well in. Flw well to prod pit. Rpt rates and pressures to Loren Fothergill. RDMO PU.
  21. First deliver Gallup. Produced well for 2 months or until a decline curve is determined.
  22. Obtain DHC permit fr/NMOCD.
  23. MIRU PU w/pmp, pit & swivel pkg. MI 30 jts 2-3/8" tbg. Check casing and bradenhead for pressure.
  24. ND WH. NU and pressure test BOP.
  25. PU & TIH w/ $\pm$  8 jts 2-3/8" tbg & tag for sd. Report any fill to Loren Fothergill.
  26. TOH w/2-3/8" tbg. Inspect tbg for scale. If scale is found, test for solubility in 15% HCl acid.
  27. PU & TIH w/3-7/8" bit, 4 3-1/8" DC's & 2-3/8" tbg. Tag CIBP @ 5,500' & DO CIBP w/air foam unit.
  28. CO to PBTD @ 6,275'.
  29. TIH w/2-3/8" production tbg as follows: NC, SN, 192 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. Land tbg @  $\pm$  6,140'.
  30. Swab well in. Flw well to prod pit. Rpt rates and pressures to Loren Fothergill. RDMO PU.
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District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 S. 1st Street, Artesia, NM 88210-2834  
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

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

RECEIVED  
BLM

Form C-102  
Revised October 18, 199  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

99 JUN -9 PM 12:43 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-11562	<sup>2</sup> Pool Code 02170	<sup>3</sup> Pool Name Angel Peak Gallup
<sup>4</sup> Property Code 022599	<sup>5</sup> Property Name C. A McAdams D	<sup>6</sup> Well Number #1
<sup>7</sup> OGRID No. 167067	<sup>8</sup> Operator Name Cross Timbers Operating Company	<sup>9</sup> Elevation 5973' KB

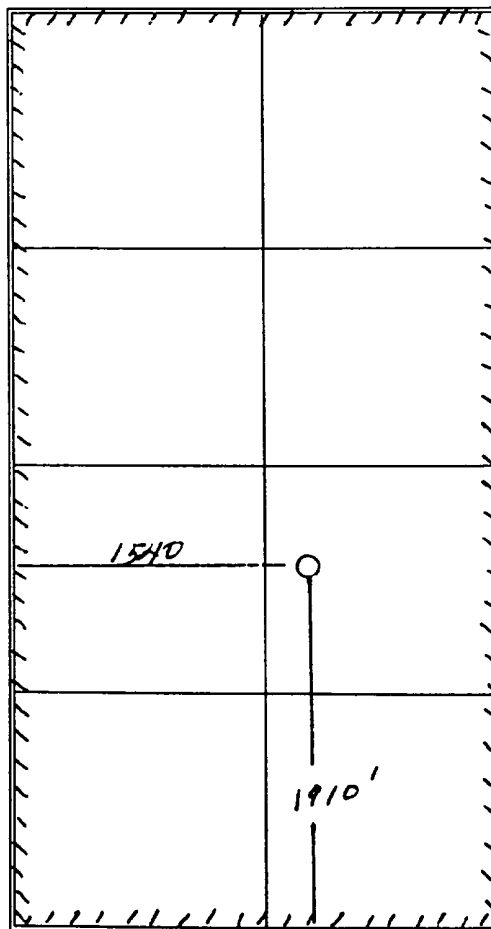
<sup>10</sup> Surface Location

UL or lot no. K	Section 20	Township 27 N	Range 10 W	Lot. Idn	Feet from the 1910	North/South Line South	Feet from the 1540	East/West line West	County San Juan
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 320									
<sup>13</sup> Joint or Infill									
<sup>14</sup> Consolidation Code									
<sup>15</sup> Order No.									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>RECEIVED JUL - 9 1999 OIL CON. DIV. DIST. 3</p>	<p><sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Loren W Fothergill</i> Signature Loren W. Fothergill Printed Name Operations Engineer Title June 4, 1999 Date</p>
		<p><sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>October 13, 1965 Date of Survey Signature and Seal of Professional Surveyer: <i>Signed by</i> Ernest V. Fethergill 3602 Certificate Number</p>

HOLD C104 FOR USL (2)



BLM CONDITIONS OF APPROVAL

Operator Cross Timbers Operating Company

Well Name 1 C.A. McAdams D

Legal Location 1910' FSL/1540' FWL

Sec. 20, T. 27 N, R. 10 W.

Lease Number SF-077941-A

Field Inspection Date n/a

The following stipulations will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to the BLM and the operator a contradictory environmental stipulation. The failure of the operator to comply with these requirements may result in the assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on the location during construction, drilling and reclamation activity.

An agreement between operator and fee land owner will take precedence over BLM surface stipulations unless (In reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal Federal restoration requirements will be required.

**STANDARD STIPULATIONS FOR ALL WORKOVERS:** All surface areas disturbed during workover activities and not in use for production activities, will be reseeded the first July-September period after the well has been put back into production. This should occur in the first 12 months after completion of workover activities.

**SPECIAL STIPULATIONS FOR THIS SITE:**

1. Pits will be fenced during work-over operation.
  2. All disturbance will be kept on existing pad.
  3. Empty and reclaim pit after work completed.
  4. Pits will be lined with an impervious material at least 8 mils thick.
  5. No construction, drilling or completion activities shall be conducted between March 1 to June 30 because of active raptor nesting.
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**Conditions of Approval:**  
**Notice of Intent to Recomplete & Commingle**

Cross Timbers Operating Company  
C.A. McAdams D No. 1  
1910' FSL & 1540' FWL  
Sec 20-27N-10W

- 1) Notify the Farmington District Office Inspection and Enforcement Division @ (505) 599-8907 within 24 hours prior to commencing plug back and recompletion operations.
  - 2) Prior to commencing recompletion operations, BOPE must be installed and tested in accordance with the requirements outlined in Onshore Order No. 2.
  - 3) Within 30 days of completion of the operations as proposed, file one original and three copies of Sundry Notice (form 3160-5) providing a detailed description of the operations conducted. In addition, file an original and three copies of Well Completion Report (form 3160-4) for the Gallup and Dakota Formations.
  - 4) This approval is for the operational activities only, file appropriate allocation factors for down hole commingling upon obtaining adequate well test data from the Gallup and Dakota formations. Supporting technical data used to determine the allocation factors should include the following:
    - Well bore diagram
    - Formation Production Tests
    - Gas Analysis
    - Pressure Data corrected to a common datum
    - Any other supporting data
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