Form 3160-5 (November 1994)

Approved by

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

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

5. Lease Serial No.

| CHANDOV NOTICES | AND REPORTS ON | WELLS / | RECEIVED | NM 03153 | |
|--|---|---|--|--|---|
| Do not use this form for | proposals to drill or to | ro-onter an | RFW | 6. If Indian, Allottee | or Tribe Name |
| abandoned well. Use For | m 3160-3 (APD) for suc | ch proposals | 0.1.0.014 | | |
| | | | G LO PM | : 24 | |
| SUBMIT IN TRIPLICATE | - Other instructions on | reverse side | | ı | reement, Name and/or N |
| | | 070_F# | ASWINGTON | , NM | |
| 1. Type of Well Oil Gas | | | | 8. Well Name and N | |
| Well Other | | | | 0.H. Randel | 7E |
| 2. Name of Operator Cross Timbers Operating Company | | | | 0 | |
| 3a. Address | 3b. | PhoneNo. (include area c | ode) | 9. API Well No. 30-045-24750 | |
| 2700 Farmington Ave., Bldg. K. Ste | i i | • | | 10. Field and Pool, o | r Exploratory Area |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Descri | | | | Basin Dakota | · · · · · · · · · · · · · · · · · · |
| 1.570' FSL & 1,680' FWL Sec 15, T 2 | | | | | |
| 2,0,0 | | | | 11. County or Parish | n, State |
| | | | | San Juan | NM |
| 12. CHECK APPROPE | NATE BOX(ES) TO INDIC | ATE NATUREOF NO | TICE, REPORT | ,OROTHERDATA | |
| TYPE OF SUBMISSION | | | E OF ACTION | | |
| TITE OF SOBINISSION | | | | (0) + (7) | Internal Off |
| X Notice of Intent | Acidize | Deepen | Productio | on (Start/Resume) | Water Shut-Off |
| | Alter Casing | Fracture Treat | Reclamati | ion | Well Integrity |
| Subsequent Report | Casing Repair | New Construction | Recomple | ete 📙 | Other |
| T To a balance and Marian | Change Plans | Plug and Abandon | Temporar | rily Abandon | |
| Final Abandonment Notice | | X Plug Back | Water Dis | sposal | |
| | , , , | | | | |
| 13. Describe Proposed or CoommpletedOperation (clea If the proposal is to deepen directionally or recom Attach the Bond under which the work will be perfollowing completion of the involved operations. It testing has been completed. Final Abandonmenth determined that the final site is ready for final inspection. Cross Timbers Operating Company Cross Timbers Operating Company the Dakota formation to the Frui | plete honzontally, give subsur frormed or provide the Bond the operation results in a m Notices shall be filed only aft tion.) request that the in | No. on file with BLM/ ultiple completion or reco ter all requirements, included the state of the | BIA. Required sompletion in a neuding reclamation of the control o | ubsequent reports shall we interval, a Form 31 n, have been complete let 7E be cance let 7E from | be filed within 30 days 60-4 shall be filed once and the operator has |
| 14. I hereby certify that the foregoing is true and correct Name(Printed/Typed) Loren W Fothergill | 2// | | ions Engine | AUG 16 1. COM. L | 999 <i>Y</i> DIV |
| en Fath | 191/ | Date July 30, | 1999 | | |

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 departmentor agency of the United States any false, fictitious or squadulent statements or representations as to any matter within its jurisdiction.

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Title

Office

O.H. RANDEL #7E SEC 15, T 26 N, R 11 W SAN JUAN COUNTY NEW MEXICO

Formation:

Basin Dakota

Surface csg:

8-5/8", 24#, J-55 csg @ 748'. Cmt'd w/550 sx cl "B" cmt w/2% CaCl₂ &

1/4#/sx Flocele. Circ 47 bbls cmt to surf.

Production csg:

4-1/2", 10.5#, csg @ 6,245'. DV tool @ 4,425'. Cmt'd 1st stage w/190 sx 50/50 POZ mix w/2% gel & 1/4#/sx Flocele. Tailed in w/210 sx cl "B" cmt w/1/4#/sx Flocele. Did not circ cmt to surf. Cmt'd 2nd stage w/400 sx 50/50 POZ mix w/6% gel & 12-1/2#/sx Gilsonite. Tailed in w/655 sx 50/50 POZ mix w/2% gel & 12-1/2#/sx Gilsonite. Circ cmt to

surf.

Tbg:

191 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg, SN & 1 – 2-3/8" x 12' pup jt.

EOT @ 6,200'.

Perfs:

6,198'-6,209'

Current Status:

TA'd

Work over reason:

Recomplete to Fruitland Coal

- 1. Set 3 400 bbl frac tnks & fill one w/fresh wtr & the remainder w/2% KCl wtr.
- 2. MIRU PU. Check and record tubing, casing, and bradenhead pressures.
- 3. Blow well down and kill well w/wtr.
- 4. ND WH. NU and pressure test BOP.
- 5. TOH w/2-3/8" tbg. Inspect tbg for scale or corrosion. If corrosion is found report depths & condition of corrosion. Replace corroded tbg.
- 6. PU 4-1/2" cmt retainer. TIH w/cmt retainer & tbg. Set retainer @ 6,100'. Sqz DK perfs w/25 sx class B cmt. Spot 5 sx class "B" cmt plug on top of retainer.
- 7. TOH & LD tbg to 5,530'. Spot a 100' cmt plug across the Gallup formation top fr/5,530'-5,430' w/12 sx cl "B" cmt w/2% CaCl₂.
- 8. TOH & LD tbg to 3,270'. WOC 2 hrs. Spot a 100' cmt plug across the Cliff House formation top fr/3,270'-3,170' w/12 sx cl "B" cmt w/2% CaCl₂.
- 9. WOC 12 hrs. Press tst csg to 3,500 psig.
- 10. MIRU WL. Run GR/CCL fr/1,800' to 750'.
- 11. Perf FC w/3-1/8" gun fr/1,620'-1,636' w/4 JSPF (16' net pay, 64 0.36" diam holes).
- 12. MIRU Frac crew. BD & ball off perfs dwn csg fr /1,620'-1,636' w/100 7/8 RCN balls & 500 gals 15% HCL acid.

- 13. Run junk basket and recover balls. RDMO WL.
- 14. Pump prefrac 10 bbls slugs of 20# x linked gelled 2% KCl wtr increasing sd concentration fr/1 to 6 PPG of 16/30 Brady sd. If there are no pressure abnormalities continue with frac per attached pmp scheduled for 70 quality foam frac. Do not shut dwn. RDMO frac crew.
- 15. Shut well in 2 hrs. 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. CO to @ 1,800'. CO may be accomplished by either bailer or air foam unit.
- 17. Land 2-3/8" tbg as follows: 1 jt 2-3/8", 4.7#, J-55, EUE, 8rd BPMA, 2-3/8" x 6' perf sub, SN, \pm 51 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg set @ \pm 1,640'.
- 18. Swab well in. Flw well to prod pit. Rpt rates and pressures to Loren Fothergill. RDMO PU.
- 19. Set & start compressor.
- 20. Evaluate for ppg unit installation.

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised October 18, 199 Instructions on bac

District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 S. 1st Street, Artesia, NM 88210-2834 1000 Rio Brazos Rd., Aztec, NM 87410

2040 South Pacheco, Santa Fe, NM 87505

District IV

OIL CONSERVATION DIVISION 2040 South Pacheco RECEIVED Santa Fe, NM 87505

Submit to Appropriate District O State Lease - 4 Copie Fee Lease - 3 Copie

99 AUG 10 PM 1: 24 AMENDED REPORT

³ Pool Name

WELL LOCATION AND ACREAGE DEDICATION PLAT

² Pool Code

| 1 . | API Numbe | er | | ² Pool Code | | | ² Pool Code ³ Pool Name | | | | |
|--|------------------------|---------------|---------------------------------|------------------------|------------------|-------------|---|-----------------------|-----------------------|-----------------------|--|
| 30 | -045-247 | 50 | | 7162 | | | | <u>asin Fruitla</u> | 1 | | |
| ⁴ Property | Code | | | | ⁵ Pro | perty Na | ame | | 6 7 | Well Number | |
| | | | 0. H. Randel | | | | | | 7E | | |
| 7 OGRID | No. | | | | 8 Ope | erator N | ame | | 9 | 9 Elevation | |
| | | | Cross Timbers Operating Company | | | | | | | 6311 | |
| - | | | | | 10 Surfac | e Loc | ation | | | | |
| UL or lot no. | Section | Township | Range | Lot. Idn | Feet from | m the | North/South Line | Feet from the | East/West line | Vest line County | |
| К | 15 | 26N | 11W | 1 1 | | South | 1,680' | West | San Juan | | |
| Bottom Hole Location If Different From Surface | | | | | | | | | | | |
| UL or lot no. | Section | Township | Range | Lot. Idn | Feet fro | m the | North/South Line | Feet from the | East/West line | County | |
| OLOI lot no. | Section | Townshap | l minge | 201114 | | | | | | | |
| ¹² Dedicated Acre 320 | es ¹³ Joint | or Infill 14 | Consolidatio | n Code 15 | Order No. | | | | <u> </u> | | |
| | MAZARI E | WILL BE | ASSIGNI | FD TO | THIS CON | /PLF1 | TON UNTIL A | LL INTERES | STS HAVE B | EEN CONSOLII | |
| NO ALLO | WADLE | OR A | NON-ST | ANDAI | RD UNIT | HAS E | BEEN APPROV | ED BY THE | DIVISION | | |
| 111111111 | 1/// | | | | <u> </u> | T | | | TOR CERTI | FICATION | |
| | | | 4 | | | | | I hereby certify t | that the information | contained herein is | |
| | | | / | | | | | true and complete | to the best of my k | nowledge and belief . | |
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| r · | | | / | | | | | foren w Fotherall | | | |
| e | | | Signature | | | | | | 7 | | |
| | | | Loren W Fothergill | | | | | | | | |
| | | | Printed Name | | | | | | | | |
| | ļ | | 7 | | | | | Operations Engineer | | | |
| , | | | \ \frac{1}{2} | | | | July 30, 1999 | | | | |
| | | | 4 | | | Date | | | | | |
| - | | | | | | | | | EN/OR CERT | TEICATION | |
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| _ | | | 4 | | | | | and correct to the b | best of my belief. | | |
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| · | | - | 4 | | | | | Oct 9, 198 | 80 | | |
| | | | | | | | | Date of Survey | | | |
| // | | | 7 | | | | | Signature and Se | eal of Professional S | Surveyer: | |
| | | 2 | 7 | | | | | Fred 1 | gkerr | Jr. | |
| | | 7 | 1 | | | | | | | | |
| | 1 | 7 | 7 | | | | |] 3 | 3950 | | |
| Certificate Number | | | | | | | | | | | |
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