

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.  
NMNM 035634

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
H.B. McGrady A 1E

9. API Well No.  
30-045-26095

10. Field and Pool, or Exploratory Area  
Basin Fruitland Coal

11. County or Parish, State  
San Juan NM

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 87401505 324 1090

3b. Phone No. (include area code)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1,000' FSL, 1,000' FEL Sec 14, T 27 N, R 12 W.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input type="checkbox"/> Other _____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete 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 recompletion 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 plugged back the H. B. Mc Grady A #1E per the attached procedure to the Fruitland Coal.



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) Loren W. Fothergill Title Operations Engineer  
Date 4/24/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by \_\_\_\_\_ Title \_\_\_\_\_  
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 \_\_\_\_\_

ACCEPTED FOR RECORD  
APR 27 2000

H.B. MCGRADY A #1E

- 04/14/00 MIRU Aztec WS rig #506. PU & TIH w/170 jts 2-3/8" tbg.
- 04/15/00 Fin TIH w/2-3/8" tbg to 5,684'. Circ well w/returns of oil, cond & wtr. TOH to 5,240'. Spotted 12 sx Type III cmt plug fr/5,234'-5,134' to cover top of Gallup fmt. TOH & LD tbg to 3,222'. Spotted 12 sx Type III cmt plug fr/3,215'-3,115' to cover top of Mesaverde fmt. TOH & LD 2-3/8" tbg to 1,782'. Circ well. TOH.
- 04/18/00 Ran GR/CCL fr/1,700'-1,000'. RIH W/4-1/2" CIBP. Set CIBP @ 1,710'. Press tstd CIBP to 2,500 psig. Held OK. Perf'd FC fr/1,493', 1,538', 1,540' & 1,574'-90' w/1 JSPF (0 deg phase, 24' net pay, 20 holes, 0.34" dia). BD & A. w/500 gals 15% HCl acid @ 3.1 BPM & 1,400 psig (observed no BD press), displaced w/462 gals 20#, x-linked gel. Frac'd FC w/14,762 gals, 20#, x-linked, gelled fresh wtr, 70Q foam & 55,246# 20/40 Brady sd @ 29.2 BPM & 2,164 psig. ISIP 1,200 psig. Well screened out to 3,434 psig w/4 ppg sd on perms. 5" SIP 1,997 psig, 10" SIP 2,027 psig, 15" SIP 2,018 psig. OWTP @ 1,540 psig.
- 04/19/00 Cont flwg well on 2" w/periodic surging & blowing dry N2 thru day. Flwd well thru night on full op 2".
- 04/20/00 TIH w/NC, SN, & 2-3/8" tbg. Tgd sd fill @ 1,163' (547' fill). RU reverse circ & CO sd to PBD @ 1,710' KB. TOH to 1,467' KB. BFL surf. S. 30 BLW, 10 runs. Well KO flwg. Initial rate, 7 BLWPH, SICP 48 psig, 2" line. Left well flwg to rig pit.
- 04/21/00 Cont to flow test well thru day. F. 2.5 BLWPH, 87 MCFPD, FTP NR, SICP NR, op ck, 12 hrs.
- 04/22/00 TIH & landed tbg as follows: slotted 2-3/8" x 21' OPMA, SN, 49 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg. EOT set @ 1,622' KB. SN @ 1,601' KB. TIH w/2" x 1-1/2" x 10' RWAC-Z pmp (CT-077) w/7' x 3/4" GA, RHBO tool, 63 - 3/4" rods, 1 - 3/4" x 6' pony rod, 1-1/4" x 16' PR w/8' liner.
- 04/23/00 Installed used Cont'l Emsco 13DE-80F (SN 3626) ppg ut w/Arrow C-66 gas engine (SN 81485) fr/the O.H. Randel #9. Std ppg. Ppg 48" x 9 SPM.