

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

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

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

1,000' FNL, 1,740' FEL Sec 14, T 27 N, R 12 W.

5. Lease Serial No.

NM 048 568

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Mc Grady Gas Com C 1E

9. API Well No.

30-045-26094

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

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 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 checked="" 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 approximate duration thereof. If the proposal is to deepen directionally or recomple 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 recomple 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.)

12/16/98 MIRU PU. Tagged CIBP @ 1,624'. DO & pushed CIBP to 1,714'. Tagged CIBP @ 1,714' KB. Drld CIBP & CO sd to 1,834'. DO 2nd CIBP. TIH w/165 jts 2-3/8" tbg to 5,322' KB. Circ csg. Spotted 12 sx class "H" cmt plug across the Gallup fmt fr/5,212-5,112'. Spotted 112 sx class "H" cmt plug across the Mesaverde fmt fr/3,172'-3,072'. Ran CBL & CCL fr/1,700'-1,000'. Set cmt retainer @ 1,565'. Sqzd PC perfs w/35 sx class "H" cmt.

12/19/98 Perf FC fr/1,544'-56' w/1 SPF 0 phase (total 13 - 0.34" holes). Frac FC perfs fr/1,544'-56' w/41,672 gals 50Q foamed 20#, x-linked gelled 2% KCl wtr & 81,003# 16-30 Arizona sd @ 29.2 BPM & 2,613 psig. ISIP 1,414 psig, 5" SIP 1,401 psig, 10" SIP 1,392 psig & 15 SIP 1,378 psig.

12/30/98 CO well to PBTD @ 1,565' KB. TIH w/2-7/8" slotted MA, SN, 47 jts 2-3/8" tbg & 1 - 2-3/8" x 10' tbg sub. Landed tbg @ 1,564' KB. NDBOP. NUWH. TIH w/2"x 1-1/4" x 6' x 8' RHAC-Z pmp, 61 - 3/4" Norris C rods, 1 - 4' x 3/4" rod sub & 15' x 1-1/4" PR. RDMO PU.

1/23/99 MIRU PU. CO 15' fill. Landed tbg as follows: 2-7/8" MA, SN, 47 jts 2-3/8" tbg, 1 - 2-3/8" x 10' tbg sub. EOT @ 1,550' KB. SN @ 1,540' KB. NDBOP. NUWH. TIH w/2" x 1-1/4" x 6' x 8' RHAC pmp w/PA plngr, 61 3/4" rods, 2 - 4' x 3/4" rod subs, 1-1/4 PR. HWO. RDMO PU.

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

Loren W Fothergill

Title

Production Engineer

Date 2/2/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

Date

FEB 18 1999

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.

FARMINGTON FIELD OFFICE

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)

NMOCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED

ONLY NO. 1004-0137

Expires February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM 048568

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

McGrady Gas Com C 1E

9. API WELL NO.

30-045-26094

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA

Sec 14, T 27 N, R 11 W

12. COUNTY OR

PARISH

San Juan

13. STATE

NM

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

505-324-1090

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

At surface

1,000' FNL, 1,740' FEL

At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

12/05/84

16. DATE T.D. REACHED

12/15/84

17. DATE COMPL. (Ready to prod.)

1/23/98

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5,996 KB

19. ELEV. CASINGHEAD

5,983' GR

20. TOTAL DEPTH, MD & TVD

6,374'

21. PLUG, BACK T.D., MD & TVD

1,565

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

Yes

CABLE TOOLS

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

1,544' - 1,556'

25. WAS DIRECTIONAL
SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL, CCL & GR

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, L.B./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" K-55	24#	325'	12-1/4"	266 cu ft Class B	
4-1/2" K-55	10.5#	6374'	7-7/8"	1st 1378 cf cl B 50:50 poz & tailed in w/118 cf cl B	
				2nd 1300 cf cl B 65:35 poz	

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	1,550'	

31. PERFORATION RECORD (Interval, size and number)

1,544' - 1,556' w/1JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1,544' - 1,556	41,672 gals 50 Q foam & 81,003#
	16-30 Arizona sand

33.*

PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or shut-in)
	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
2/1/99	24	1/2"		0	45	10	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
0 psig	17.5 psig		0	45	10		

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

Production Engineer

ACCEPTED FOR RECORD

*(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.

NMOC

FARMINGTON FIELD OFFICE
BY

FEB 23 1999

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	183'	413'				
Fruitland	1148'	1556'				
Pictured Cliffs	1556' 1535'	1788'				
Cliffhouse	3113'	3262'				
Menfee	3262'	4005'				
Point Lookout	4005'	4308'				
Gallup	5235'	6005'				
Greehorn	6005'	6164'				
Dakota	6164'	6,370'				