

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Cross Timbers Operating Company

3. Address and Telephone No.

6001 Hwy 64, Farmington, New Mexico 87401

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

930' FSL 940' FEL Sec. 25 T 29 N, R 10W,

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AUG 13 1998  
OIL CON. DIV.  
DIST. 3

5. Lease Designation and Serial No.  
SF 076958

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Lefkovitz Gas Com B 1E

9. API Well No.

300452530500

10. Field and Pool, or Exploratory Area  
Basin Dakota /MV

11. County or Parish, State

San Juan

12. CHECK APPROPRIATE BOX(S) 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"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Downhole Commingling.
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Cross Timbers request approval to perform the following work. Note BLM approved this work under Amoco Production to add pay and downhole commingle the Mesa Verde and Dakota formations. Amoco scheduled the work to begin in April 1997 and strip the location in preparation. The work was never performed. Cross Timbers plans on completing the project within the next month pending BLM approval. Attached is our procedure.

Note: NMOCD Administrative order DHC 1233  
BLM Approved 10/19/95

4/29/96 (Approved DHC).

RECEIVED  
BLM  
93 JUL 30 PM 12:35  
070 FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct

Signed Loren W. Fothergill

Title Production Engineer

Date 07/28/98

(This space for Federal or State office use)

Approved by /s/ Duane W. Spencer

Title

Date

AUG 10 1998

Conditions of approval, if any:

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.

\*See Instruction on Reverse Side

NMOCD

LEFKOVITZ GAS COM B WELL # 1E  
SEC 25, T 29 N, R 10 W  
SAN JUAN COUNTY NEW MEXICO

Surface csg: 13-3/8", 48#, H-40, ST & C @ 320'. Cmt'd w/530 sx. Circ 20 sx cmt to surf.

Intermediate csg: 8-5/8", 24#, K-55, ST&C intermediate csg @ 2,495'. Cmt'd w/740 sx class B 65/35 poz, 6% gel, 2# med tuf plug/sx, followed by 100 sx class B neat. Circ 25 sx to surf.

Liner: 5-1/5", 17#, K-55, ST&C csg @ 6,616'. DV tool @ 4,309'. Cmt'd 1<sup>st</sup> stage w/265 sx class B 50/50 poz, 6% gel, 2# med tuf plug/sx, 0.8% FLA, followed by 200 sx class B neat. 2<sup>nd</sup> stage cmt'd w/ 340 sx class B 65:35 poz, 6% gel, 2# med tuf plug/sx, 0.8% FLA, followed by 200 sx class B neat. Lost circ @ end of job.

Tbg: DK: 2-1/16", 3.25#, N-80, IJ tbg set @ 6,437' w/F SN set @ 6,398' & 5' perf sub on btm. 35 blast jts set across the MV perf's. Set Baker model D packer @ 4,668'.  
MV: 1-1/4", 2.33#, J-55, IJ tbg set @ 4,516'. F SN set @ 4,510'.

Perfs: Dakota: 6,360'-70' & 6,420'-39' W/ 2 SPF.  
Mesa Verde: 3,622'-42', 3,762'-67', 3,836'-46', 3,894'-99', 3,916'-40', 3,986'-98', 4,042'-46', 4,092'-98', 4,162'-67', 4,200'-07', 4,268'-87', 4,297'-4,306', 4,322'-32', 4,371'-76' & 4,490'-96', W/2 SPF.

Current Status: Shut in.

1. MIRU Slickline unit. TIH on Dakota side & tag for fill. RDMO Slickline unit.
2. Contract Federal and State agencies prior to starting workover.
3. Install and test anchors on location.
4. MIRU PU. Check and record tubing, casing, and bradenhead pressures.
5. Blow well down and kill well w/2% KCl water.
6. ND WH. NU and pressure test BOP's.
7. Tally both tbg strings as TOH, checking condition of the tubing. LD 1-1/4" tbg. LD seal assembly.
8. If PBTD is less than 6,560', DO Baker model D pkr w/pkr picker. CO w/bailer to PBTD @ 6,573'.
9. If no fill is found, KO Baker model D packer w/ Sand Line drill. Push pkr to 6,570'.
10. Run GR/CC log. Correlate to Welex CDL/CNL/ GR log dated 2/22/82. Perf add'l Dakota pay fr/ 6,520'-40' w/ 2 SPF.

11. TIH w/2-7/8" 6.5#, J-55, EUE , 8rd work string & 5-1/2" RTTS pkr. Hydro test work string to 5,000 psig below slips. Set pkr  $\pm$  6,475' (chk CCI log to ensure pkr is not set in csg collar).
12. Acidize new Dakota perfs fr/6,520'-40' w/750 gals 7 1/2 % HCl @ 10 BPM & 5,000 psig (max). Record ISIP, 5", 10", & 15" SIP's. Monitor tbg/csg annulus pressure for communication during job.
13. Fracture stimulate new Dakota perf's fr/6,520'-40' w/28,100 gals of 30# linear gel & 40,000# of 20/40 Ottawa sand @ 15 BPM & 3,416 psig. ( 5,000 psig max) as follows:

Stage	Fluid	PPG Sand	Total # Sand
1	7,000 gals	Pad	
2	6,000 gals	1	6,000
3	4,500 gals	2	9,000
4	4,000 gals	2.5	10,000
5	5,000 gals	3	15,000
6	1,530 gals	Flush	

Monitor annular pressure for indication of communication around pkr. Call flush when SD conc drops to 2.5 ppg. Flush to 2 bbls short of top perf. Record ISIP, 5", 10", & 15" SIP's.

14. Flow back well to clean up. Rel pkr. TOH. LD 2-7/8" work string & pkr.
15. TIH w/2-1/16" tbg & 5-1/2" production pkr to 5,000'. Set pkr. ND BOP. NU WH.
16. Swab well in. Flow tst Dakota formation as necessary. Record pressures and flow rates. Rpt rates and pressures to Loren Fothergill. RDMO PU.
17. MIRU PU. ND WH. NU BOP. Rel pkr. TOH w/tbg & pkr.
18. TIH with 2-1/16" production string with SN one joint off bottom and land tubing @ $\pm$  6,437', SN @  $\pm$  6,406'. ND BOP. NU WH.
19. RDMO PU.
20. Flow tst well as necessary. Rpt rates & pressures.

## **CONDITIONS OF APPROVAL:**

Cross Timbers Operating Company  
Lefkovitz Gas Com B 1E  
930' FSL and 940' FEL  
Section 14-29N-08W

This approval is for the operational activities only.

File your proposed allocation factors for downhole commingling with the Authorized Officer for final approval. Supporting technical data used to determine the allocation factors should include the following:

- Wellbore diagram
- Formation Production Tests
- Gas Analysis, including BTU measurements
- Pressure Data corrected to a common datum
- Any other supporting data

A copy of the same application submitted to the NMOCD is acceptable.