

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐

1b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR
Cross Timbers Operating Company

3. ADDRESS AND TELEPHONE NO.
2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *)
At surface
935' FNL & 2,280' FEL Sec 20, T32N, R12W
At proposed prod. zone
same

5. LEASE DESIGNATION AND SERIAL NO.
NM-019414

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
22855

7. FEDERAL LAND MANAGEMENT
FARMINGTON LEASE NAME, WELL NO.
Federal Gas Com 1B

9. API WELL NO.
30-045-30032

10. FIELD AND POOL, OR WILDCAT
Blanco Mesaverde

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
6 Sec 20, T32N, R12W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
See enclosed surface use program

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 935'

16. NO. OF ACRES IN LEASE
320

17. NO. OF ACRES ASSIGNED
TO THIS WELL
320 N/2

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1,469'

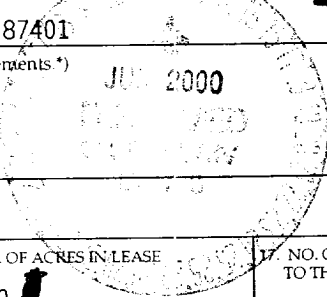
19. PROPOSED DEPTH
5,100'

20. ROTARY OR CABLE TOOLS
0'-5,100' w/Rotary Tools

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,529' GL-6929'

22. APPROX. DATE WORK WILL START*

APD/ROW



PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8", J-55	24#	400'	275 sx c1 "B"
7-7/8"	4-1/2", J-55	10.5#	5,100'	Lead: 475 sx c1 "B" w/2% Extender
This section is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.				Tail: 475 sx c1 "B" w/2% Extender

Surface: 8-5/8", 24#, J-55, STC csg set @ 400'. Will cmt w/275 sx c1 "B" cmt w/2% CC & 1/4#/sx celloflake (15.6 ppg, 1.19 cuft/sx). Circ cmt to surface.

Production: 4-1/2", 10.5#, J-55, STC csg set @ 5,100'. Will cmt w/(lead) 475 sx c1 "B" w/2% extender, 1/4#/sx celloflake & 2% CC (11.4 ppg, 2.87 cuft/sx) followed by (tail) 475 sx c1 "B" w/2% extender, 1/4#/sx celloflake & 2% CC (13.5 ppg, 1.71 cuft/sx).

Final cmt volumes will be obtained fr/caliper logs + 30%.

A standard BOP (w/pipe & blind rams) & choke manifold arrangement will be used.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Drilling Engineer DATE 4/17/00
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE: _____
Application approval 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.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY /s/ Jim Lovato TITLE _____ DATE _____
*See Instructions 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.

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

00-012

Form C-10
Revised February 21, 199

District II
PO Drawer DD, Artesia, NM 88211-0719

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

District IV
PO Box 2088, Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-30032	*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 22855	*Property Name FEDERAL GAS COM 1	*Well Number 13
*GRID No. 167067	*Operator Name CROSS TIMBERS OPERATING COMPANY	*Elevation 5929.2

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County
B	20	32N	12W		935	NORTH	2280	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 320 N/A	13 Joint or Infill I	14 Consolidation Code	15 Order No.
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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

15	4996.86'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Loren W. Fothergill Signature Loren W. Fothergill Printed Name Production Engineer Title Date
5264.82'	2640.66'	18 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. JANUARY 28, 2000 Date of Survey Signature and Seal NEALE C. EDWARDS NEW MEXICO 6857 REGISTERED PROFESSIONAL SURVEYOR Certificate Number 6857
5178.36'	2638.68'	

CROSS TIMBERS OPERATING COMPANY FEDERAL GAS COM I #1B
935' FNL & 2280' FEL, SECTION 20, T32N, R12W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

