

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. 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

1,060' FNL & 660' FWL Sec 20, T32N, R12W

At proposed prod. zone

same

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) 660'

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1,469'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,943' GL

23. 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 cl "B"
7-7/8"	4-1/2", J-55	10.5#	5,025'	Lead: 475 sx cl "B" w/2% Extender Tail: 475 sx cl "B" w/2% Extender

This casing to be set at 400' and cemented  
production casing to be set at 5,025' and cemented  
and applied pursuant to the GFA 0122.4

Surface: 8-5/8", 24#, J-55, STC csg set @ 400'. Will cmt w/275 sx cl "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 @ 5,025'. Will cmt w/(lead) 475 sx cl "B" w/2% extender, 1/4#/sx celloflake & 2% CC (11.4 ppg, 2.87 cuft/sx) followed by (tail) 475 sx cl "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.

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

*Jim Patton*

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

SEP 12 2000

\*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

Form C-102  
Revised February 21, 1994

District II  
PO Drawer 00, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

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

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 30-045-30144	*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 22855	*Property Name FEDERAL GAS COM 1	*Well Number 1C
*GRID No. 167067	*Operator Name CROSS TIMBERS OPERATING COMPANY	*Elevation 5943

<sup>10</sup> Surface Location

UL or lot no. D	Section 20	Township 32N	Range 12W	Lot Idn	Feet from the 1060	North/South line NORTH	Feet from the 660	East/West line WEST	County SAN JUAN.
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres 320 N/2	<sup>13</sup> Joint or Infill I	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>15</sup> 660' 1060' 5264.82' 2640.66' 2638.68' 5178.36'	 4996.86' 20	<sup>17</sup> 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  <sup>18</sup> 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.  FEBRUARY 5, 2000 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number 6857
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# CROSS TIMBERS OPERATING COMPANY FEDERAL GAS COM I #10

1060' FNL & 660' FNL, SECTION 20, T32N, R12W, N.M.P.M.

SAN JUAN COUNTY, NEW MEXICO

