

DISTRICT I
PO Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

ORIGINAL

Form C-101
Revised February 21, 1994

DISTRICT II
PO Box DD, Artesia, NM 88210

DISTRICT III
1090 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
p.o. Box 2088
Santa Fe, NM 87504-2088

Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEPEN, PLUGBACK, OR ADD A ZONE

1. OPERATOR NAME AND ADDRESS Cross Timbers Operating Company 3000 North Garfield, Suite 175 Midland, Texas 79705		2. OGRID NUMBER 167067
4. PROPERTY CODE 022394 22692		3. API NUMBER 30-0 45-39664
5. PROPERTY NAME DUFF GAS COM C		6. WELL NUMBER 2

U/I or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	27	30N	12W		1130	SOUTH	840	WEST	SAN JUAN

8. PROPOSED BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE

U/I or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
9. Proposed Pool 1 Basin Fruitland Coal 71629					10. Proposed Pool 2				

11. Work Type Code N	12/ Well Type Code G	13. Cable/Rotary ROTARY	14. Lease Type Code FEE	15. Ground Level Elevation 5534'
16. Multiple NO	17. Proposed Depth 1850'	18. Formation BASIN FRUITLAND COAL	19. Contractor	20. Spud Date ASAP

21. Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
8 1/4"	7"	23#, J-55, STC	125'	100	SURFACE
6 1/4"	4 1/2"	10.5#, J-55, STC	1800'	200	SURFACE

22. Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Casing/Cement Program to 200': 100 sacks Class B cement containing 2% CACI2, 1/4 PPS celloflake. Circulate to surface.

Casing/Cement Program to 1850': 100 sacks of 35/65/6 Poz cement containing 6% gel, 5 PPS Gilsonite, 1/4 PPS celloflake, followed by 100 sacks of Class G cement containing 5 PPS gilsonite, 1/4 PPS celloflake. Use 25% excess over volume calculated from open hole logs to bring TOC up to surface.

A rig equipped with a double BOP will be used.

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Gary J. Markestad*

Printed Name: Gary Markestad

Title: Vice President, Production

Date: 9/9/98

Phone: (505) 632-5200

OIL CONSERVATION DIVISION

APPROVED BY: *Ernie Bush* 9-11-98

TITLE:

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approval Date: SEP 11 1998

Expiration Date: SEP 11 1999

Conditions of Approval:

Attached:

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

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

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29664		*Pool Code 71599 71629	*Pool Name BASIN DAKOTA Fruitland Coal
*Property Code 022569 22692	*Property Name DUFF GAS COM C		*Well Number 2
*OGRID No. 167067	*Operator Name CROSS TIMBERS OPERATING COMPANY		*Elevation 5534'

¹⁰ Surface Location


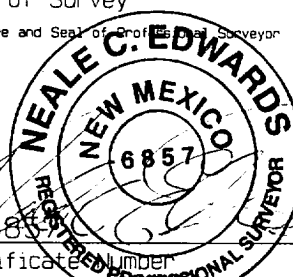
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	27	30N	12W		1130	SOUTH	840	WEST	SAN JUAN

¹¹ 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

¹² Dedicated Acres 320	¹³ Joint or Infill	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

¹⁶	<div><p>2631.41' (MEAS)</p><p>840'</p><p>1130'</p><p>5074.08' (REC)</p><p>27</p><p>5249.64' (REC)</p></div>	<div><p>RECEIVED</p><p>SEP 10 1998</p><p>OIL CON. DIV.</p><p>DIST. 3</p></div>	<div><p>¹⁷ OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p><p></p><p>Signature</p><p>Gary I. Markestad</p><p>Printed Name</p><p>V.P. - Production</p><p>Title</p><p>9/9/98</p><p>Date</p></div>
			<div><p>¹⁸ SURVEYOR CERTIFICATION</p><p>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.</p><p>JULY 28, 1998</p><p>Date of Survey</p><p>Signature and Seal of Professional Surveyor</p><p></p><p>Certificated Number</p></div>

CONTOUR INTERVAL 20 F
DOTTED LINES REPRESENT 10-FOOT