

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-101

Revised October 18, 1999

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
911 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

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

¹ Operator name and Address Cross Timbers Operating Company 2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401		² OGRID Number 167067
⁴ Property Code 22819	⁵ Property Name State Gas Com "BB"	³ API Number 30-0 4530372
		⁶ Well No. #2

⁷ Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
0	16	31N	12W		667'	South	1,762'	East	San Juan

⁸ Proposed 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
⁹ Proposed Pool 1 Basin Dakota					¹⁰ Proposed Pool 2 Blanco Mesaverde				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 6,091' Ground Level
¹⁶ Multiple Yes	¹⁷ Proposed Depth 7,800'	¹⁸ Formation Dakota	¹⁹ Contractor Not yet awarded	²⁰ Spud Date Winter, 2001

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24.0 #/ft	400'	275 sx	Surface
7-7/8"	4-1/2"	10.5 #/ft	7,800'	1,175 sx	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.

Drill to 400' Run new 8-5/8" csg. Cmt csg w/275 sx c1 "B" cmt (15.8 ppg, 1.145 cuft/sx) w/2% CaCl & 1/4# Celloflake. Attempt to circ cmt to surface. NU BOP. Test BOP. Mix mud. Drill ahead w/7-7/8 hole.

Drill to TD (@ 7,800'). Log well. Run new 4-1/2" csg to btm. Cmt csg with approx 1,025 sx Premium Lite cmt (65% cmt, 35% Poz, 6% gel) w/1/4# celloflake @ 12.5 ppg, 2.07 cuft/sx followed by 150 sx c1 "H" cmt (neat) @ 15.6 ppg, 1.18 cuft/sx. Attempt to circ cmt to surface. Final cement volumes will be determined from caliper log + 30%. See enclosed drawing for BOP stack configuration.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Jeffrey W. Patton</i>	OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3 Approval Date: SEP 25 2000 Expiration Date: SEP 25 2001
Printed name: Jeffrey W. Patton	
Title: Drilling Engineer	

DISTRICT II
P.O. Drawer DD, Artesia, N.M. 88211-0719

DISTRICT II
1000 Rio Brazos Rd., Aztec, N.M. 87410

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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, NM 87504-2088

Revised February 21, 1994
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 Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-30372		2 Pool Code 72319 / 71599		3 Pool Name BLAND MESAUERDE / BASIN DAKOTA	
4 Property Code 22819		5 Property Name STATE BB			6 Well Number 2
7 OGRID No. 167067		8 Operator Name CROSS TIMBERS OPERATING CO.			9 Elevation 6091'

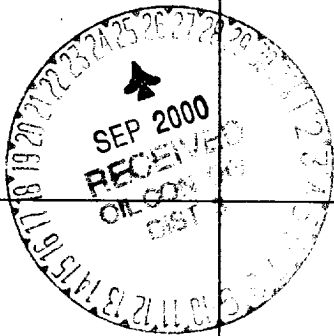
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	16	31-N	12-W		667	SOUTH	1762	EAST	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 DK 370 5/2	MV 370 5/2	¹³ Joint or Infill I (BOTH)			¹⁴ Consolidation Code		¹⁵ Order No.		

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

<div style="text-align: center;">  </div>	<div style="text-align: center;"> <p>FD. B.L.M. BC. 1951</p> </div>	<div style="text-align: center;"> <p>17</p> <h3>OPERATOR CERTIFICATION</h3> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> </div>
<div style="text-align: center;"> <p>FD. B.L.M. BC. 1952</p> </div>	<div style="text-align: center;"> <p>FD. B.L.M. BC. 1951</p> </div>	<div style="text-align: center;"> <p>18</p> <h3>SURVEYOR CERTIFICATION</h3> <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> </div>

N 00-53-11 E
2682.61' (M)

N 00-07-20 E
2633.94' (M)

N 00-53-11 E
2682.61' (M)

N 86-31-37 W
5288.39' (M)

N 00-07-20 E
2633.94' (M)

N 00-53-11 E
2682.61' (M)

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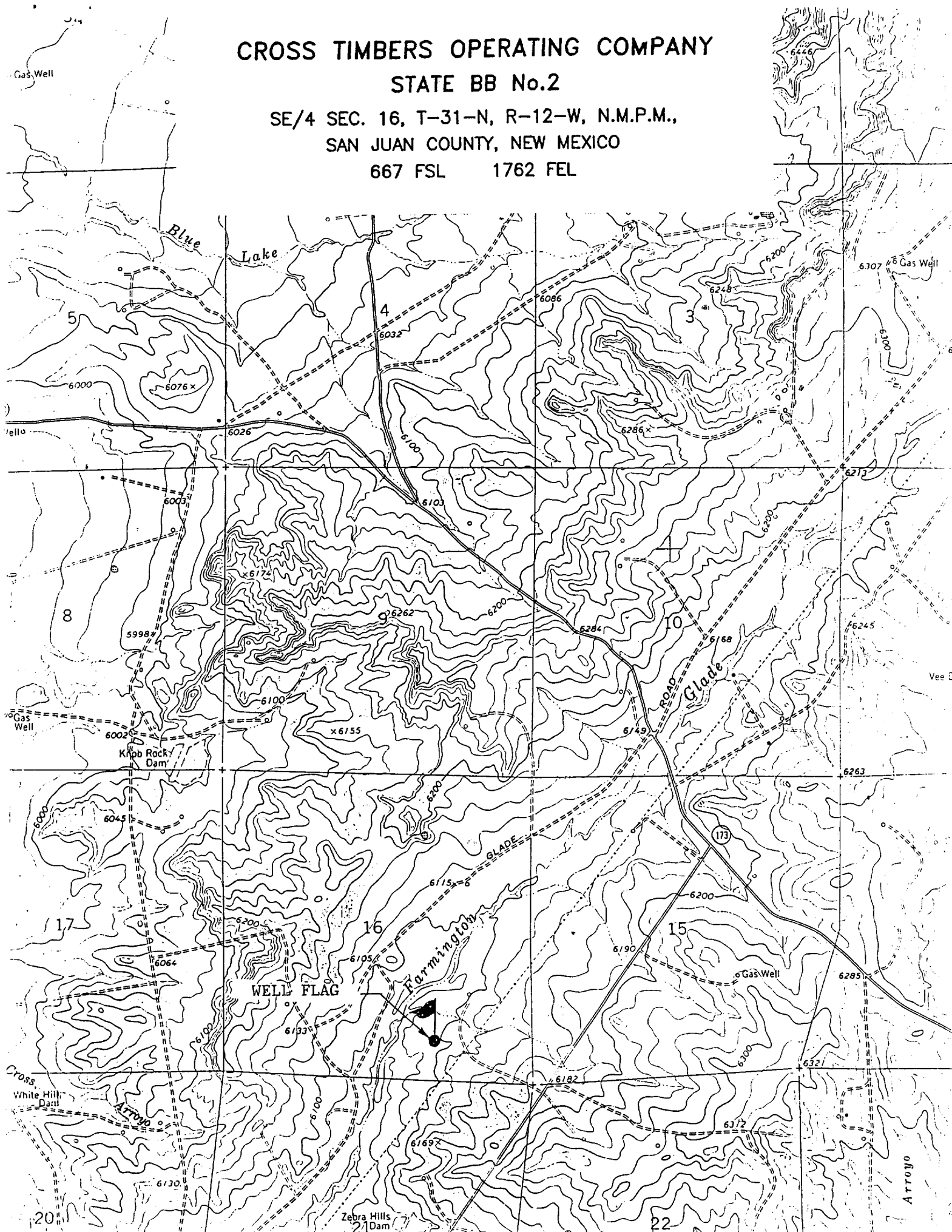
CROSS TIMBERS OPERATING COMPANY

STATE BB No.2

SE/4 SEC. 16, T-31-N, R-12-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

667 FSL 1762 FEL





Cross Timbers Operating Company

BOP SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 NORMAL PRESSURE

TESTING PROCEDURE

1. Test BOP after installation:

Pressure test BOP to 200-300 psig (low pressure) for 5 min.

Test BOP to 1,500 psig (high pressure) for 15 min.

2. Test operation of (both) rams on every trip.

3. Check and record Accumulator pressure on every tour.

4. Re-pressure test BOP stack after changing out rams.

