

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 199
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, 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 22828	⁵ Property Name State Gas Company "M"	³ API Number 30-0 45 30371
		⁶ Well No. #1B

⁷ Surface Location									
UL or lot no. K	Section 16	Township 31N	Range 12W	Lot. Idn	Feet from the 1,755'	North/South Line South	Feet from the 1,940	East/West line West	County 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 Blanco Mesaverde					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 6,143' Ground Level
¹⁶ Multiple No	¹⁷ Proposed Depth 5,500'	¹⁸ Formation Mesaverde	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	5,500'	950 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 cl "G" 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 (@ 5,500'). Log well. Run new 4-1/2" csg to btm. Cmt csg with approx 475 sx cl "G" with 3% extender, 2% CaCl2 and 1/4# celloflake mixed @ 11.4 ppg, 2.88 cuft/sx followed by 475 sx cl "G" cmt with 3% extender, 2% CaCl2 and 1/4# celloflake mixed @ 13.5 ppg, 1.71 cuft/sx. Attempt to circ cmt to surface. Final cement volumes will be obtained 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:

Printed name: Jeffrey W. Patton

Title: Drilling Engineer

OIL CONSERVATION DIVISION

Approved by:

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approval Date:

SEP 25 2000

Expiration Date:

SEP 25 2001

Certificate Number

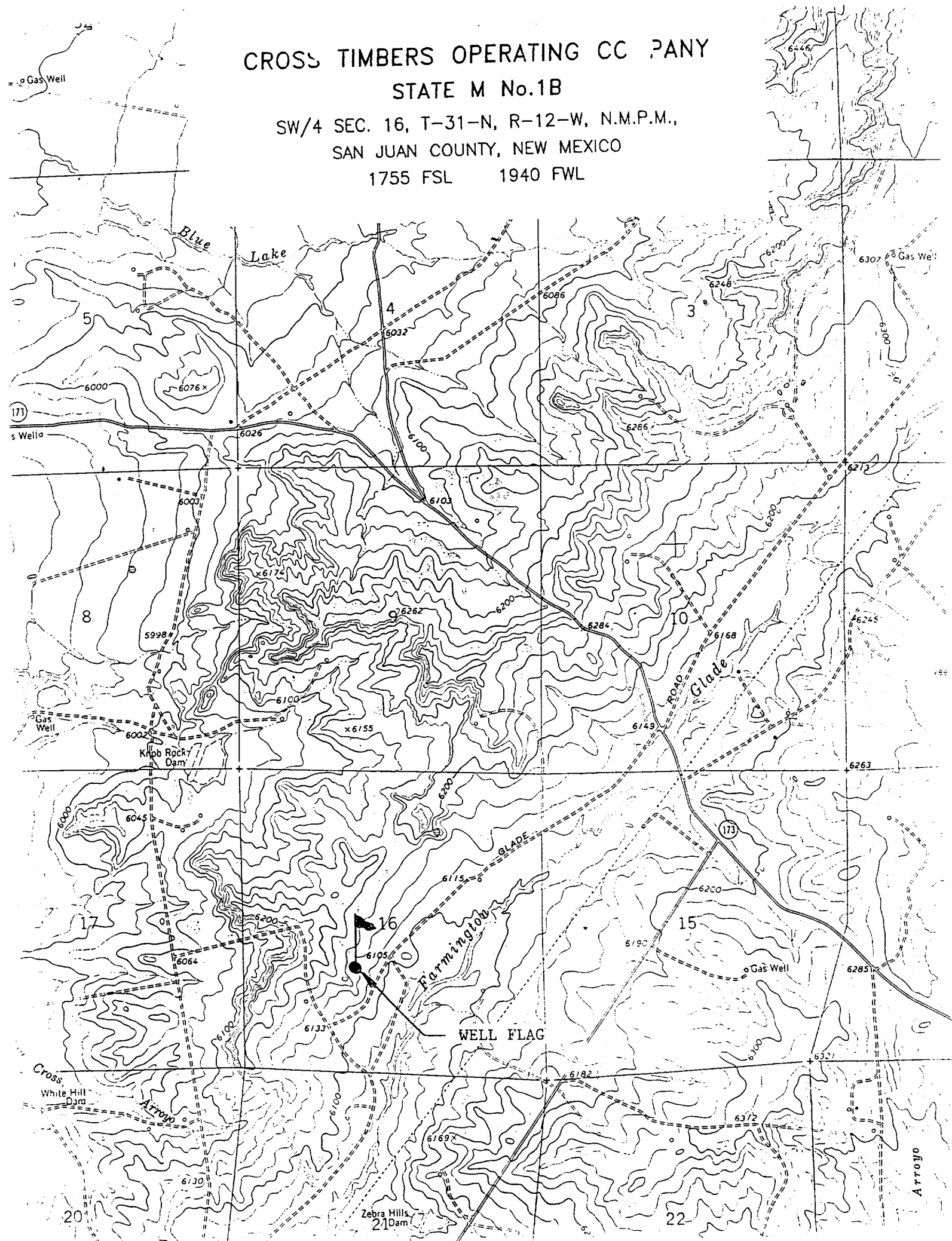
CROSS TIMBERS OPERATING CO. PANY

STATE M No.1B

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

SAN JUAN COUNTY, NEW MEXICO

1755 FSL 1940 FWL





Cross Timbers Operating Company

BOP SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 NORMAL PRESSURE

**ROTATING HEAD
(OPTIONAL)**

FILL UP LINE

**FLOW LINE
TO PIT**

**BLIND
RAMS**

**PIPE
RAMS**

**TO CHOKE
MANIFOLD**

See Choke Manifold drawing for
specifications

KILL LINE

MUD CROSS

HCR VALVE (OPTIONAL)

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.

**TESTING
PROCEDURE**

