

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, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☒ AMENDED REPORT
Lse Type Code

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 26050	⁵ Property Name Aztec Com 4	³ API Number 30-0 45-30273
		⁶ Well No. #1E

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
M	16	30N	11W		1,050	South	870	West	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					¹⁰ Proposed Pool 2				
Basin Dakota					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 5,666' Ground Level
¹⁶ Multiple Yes	¹⁷ Proposed Depth 6,900'	¹⁸ Formation Dakota	¹⁹ Contractor Not yet awarded	²⁰ Spud Date Summer, 2000

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'	180 sx	Surface
7-7/8"	4-1/2"	10.5 #/ft	6,900'	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

Dr1 to 400' Run new 8-5/8" csg. Cmt csg w/280 sx cl "B" cmt (15.6 ppg, 1.18 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.

Dr1 to TD (@ 6,900'). 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 cl "H" cmt (neat) @ 15.6 ppg, 1.18 cuft/sx. Attempt to circ cmt to surface.

See enclosed drawing for BOP stack configuration. * * AMENDED LEASE CODE * *

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

Signature:

Printed name: JEFF W. PATTON

Title: Drilling Engineer

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

JAN 31 2001

Expiration Date: