FORM APPROVED

BULE 10 CF LA E MAN GENERAL NO. 7 SF - 077382 APPLICATION OF FAMIL TO R 1 F PEN 1a. TYPE OF WORK S. LEASE DESIGNATION AND SERIAL NO. 7 SF - 077382 5. LEASE DESIGNATION AND SERIAL NO. 7 SF - 077382 5. LEASE DESIGNATION AND SERIAL NO. 7 SF - 077382 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME	Form 3160-3 (July 1992)	UNITE	UNITED STATES			ions on	OMB NO. 1004-0136 Expires: February 28, 1995		
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ADDRESS AND TELEPHONE NO. 200 Farmington Ave. Bldg. K. Ste 1 Farmington, NM 87401 100 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401 110 Feel DAND FOOL OR WILD CAT Basin Dakota 111 SEC.T.R. M. OR BLK. AND SLRIVEY OR AREA POSED FICE* 112 COUNTY OR PARISH 113 STATE 114 SEC.T.R. M. OR BLK. AND SLRIVEY OR AREA 115 SEC.T.R. M. OR BLK. AND SLRIVEY OR AREA 116 NO. OF ACRES IN LEASE 117 NO. OF ACRES ASSIGNED 118 NO. OF ACRES ASSIGNED 119 PROFOSED DEPTH 120 ROTARY OR CABLE FOOLS 121 OR THE WELL 122 APPROX. DATE WORK WILL STATE 123 OC. C. T. S. M. OR BLK. AND SLRIVEY OR AREA 124 STATE 125 SATURD TO HARMST 126 NO. OF ACRES ASSIGNED 127 OR ACRES IN LEASE 127 NO. OF ACRES ASSIGNED 128 NO FARTY OR CABLE FOOLS 129 PROFOSED DEPTH 120 ROTARY OR CABLE FOOLS 121 OR THE WELL STATE 121 OR THE WORK WILL STATE 122 APPROX. DATE WORK WILL STATE 123 OC. C. T. S. M. OR BLK. AND SLRIVEY TO SETTING DEPTH 124 OF THE WORK WILL STATE 125 OC. C. T. S. M. OR BLK. AND SLRIVEY TO SETTING DEPTH 126 APPROX. DATE WORK WILL STATE 127 OC. C. T. S. M. OR BLK. AND SLRIVEY TO SETTING DEPTH 128 OF THE WORK WILL STATE 129 OC. C. T. S. M. OR BLK. AND SLRIVEY TO SETTING DEPTH 120 APPROX. DATE WORK WILL STATE 121 OC. C. T. S. M. OR BLK. AND SLRIVEY TO SETTING DEPTH 122 APPROX. DATE WORK WILL STATE 123 OC. C. T. S. M. OR BLK. AND SLRIVEY TO SETTING DEPTH 124 OC. C. T. S. M. OR BLK. AND SLRIVEY TO SETTING DEPTH 125 OC. C. T. S. M. OR BLK. AND SLRIVEY TO SETTING DEPTH 126 OC. C. T. S. M. OR BLK. AND SLRIVEY TO SETTING DEPTH 127 OC. C. S.		onating Company					Q ADIMELINO		
2700 Farmington Ave. Bldg. K. Ste 1 Farmington, NM 87401 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) Alt surface 3 DF FSL 8 705 FEL Alt proposed prod zone 4 DISTANCE IN MILES AND DIRECTION PROMNEAREST TOWN OR POST OFFICE* This well is located approx 23 southeast of the Bloomfield NM post office 5 DISTANCE FROM PROPOSED* LOCATION TO NEAREST STATE AND STANCE FROM PROPOSED LOCATION* TO NEAREST STATE ASSOCIATION TO NEAREST STATE BASIN DEACH TO NEAREST TO NEAREST STATE ASSOCIATION TO NEAREST STATE ASSOCIATION TO NEAREST STATE BASIN DEACH TO NEAREST STATE ASSOCIATION TO NE	ADDRESS AND TELEPHON	E NO.						-3035-5	
At surface 300 FSL & 765 FEL 11. SEC.T.R.M.OR BLK ANDSLEVEY OR AREA Sec 16, T27N, R10W 4. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12. COUNTY OR PARSEN 13. STATE San Juan NM 5. DISTANCE FROM PROPOSED* 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED TO THIS WELL 17. TORSIAN FROM PROPOSED* 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED TO THIS WELL 18. DISTANCE FROM PROPOSED LOCATION* 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 10. ROTARY OR CABLE TOOLS 22. APPROX. DATE WORK WILL STATE 21. APPROX. DATE WORK WILL STATE 22. APPROX. DATE WORK WILL STATE 22. APPROX. DATE WORK WILL STATE 22. APPROX. DATE WORK WILL STATE 23. PROPOSED CASING AND CEMENTING PROGRAM 22. APPROX. DATE WORK WILL STATE 24. APPROX. DATE WORK WILL STATE 22. APPROX. DATE WORK WILL STATE 25. APPROX. DATE WORK WILL STATE 22. APPROX. DATE WORK WILL STATE 26. APPROX. DATE WORK WILL STATE 22. APPROX. DATE WORK WILL STATE 27. TABLE TO A STATE 24. APPROX. DATE WORK WILL STATE 28. APPROX. DATE WORK WILL STATE 29. APPROX. DATE WORK WILL STATE 20. ROTARY OR CABLE TOOLS 20. ROTARY OR CABLE TOOLS 20. ROTARY OR CABLE TOOLS 22. APPROX. DATE WORK WILL STATE 23. APPROX. DATE WORK WILL STATE 24. APPROX. DATE WORK WILL STATE 25. APPROX. DATE WORK WILL STATE 26. APPROX. DATE WORK WILL STATE 27. TABLE TOOLS 28. APPROX. DATE WORK WILL STATE 29. APPROX. DATE WORK WILL STATE 20. ROTARY OR CABLE TOOLS 20.	2700 Farmington A	Ave., Bldg. K. Ste 1	Farmingto	n, NM 87401	<u>r.</u>		10. FIELD AND POOL, OR	WILDCAT	
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4. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* This well is located approx 23 southeast of the Bloomfield NM post office 5. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LEVE, FT. (Also to nearest well, Drilling, Hanyl 1, 125' AS DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED PORK ON THE LEASE TO THIS WELL 20. ROTARY OR CABLE TOOLS B. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED PORK ON THE LEASE TO THIS WELL 21. APPROX. DATE WORK WILL START OCT. AS DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED PORK ON THE LEASE TO THIS WELL 22. APPROX. DATE WORK WILL START OCT. 23. PROPOSED CASING AND CEMENTING PROGRAM SIZE OF JULY 18 8-5/8" J-55 24 #/ft +-350' +-245 sx cl B cmt 7-7/8" 4-1/2", J-55 10.5 #/ft +-6750' +-245 sx cl B cmt The second of the second pursuant is 45 GF # 31854. Cross Timbers plans to drill the above mentioned well as described in the enclosed Surface Use Program.	1300 FSL &	705 FEL			•				
Distance in the processor San Juan NM	· · · · · · · · · · · · · · · · · · ·			<u> </u>			1		
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3. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2, 200 6750' Ground Level 22. APPROX. DATE WORK WILL START Oct. 2000 PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE GRADE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH OLANITY OF CEMENT 12-1/4" 8-5/8" J-55 24 #/ft +-350' +-245 sx cl B cmt 7-7/8" 4-1/2", J-55 10.5 #/ft +-6750' Cross Timbers plans to drill the above mentioned well as described in the enclosed Surface Use Program.	PROPERTY OR LEASE LIN	E.FT.		320		TOTHE	000 17 10	•	
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The some of the end of the end of the state						+- 78	86 sx cmt		
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Cross Timbers plans to drill the above mentioned well as described in the enclosed Surface Use Program.						•			
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	rrogram.								
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	AL A BOURGE - CE DECCE	IBE PROPOSED PROGRAM: pertinent data on subsurface loca	If proposalis to de	eenen give datao	n presentproductivez	oneandpror	posednew productivezone. I	f proposalis to dril	

24. SIGNED (This space for Federal or State office use) 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 MINUCO - TITLE -APPROVED BY *See Instructions On Reverse Side Title 18 U.S.C. Section 1001, makes it a crime for any personknowinglyand willfullyto make to any department agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Form 3160-5 (November 1994)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED Budget Bureau No. 1004-0135 Expires November 30, 2000

5. Lease Serial No.

SF -	077382

Do not use this form for papardoned well. Use Form	6. If Indian, Allottee or Tribe Name			
	- Other instructions on reve		7. If Unit or CA/Agree	ement, Name and/or No
Type of Well Oil X Gas Other Name of Operator Other			8. Well Name and No. Federal F	#1E
Cross Timbers Operating Company	2b Dhái	eNo. (include area code)	9. API Well No.	3/13/55
 3a. Address 2700 Farmington Ave., Bldg. K. Ste 4. Location of Well (Footage, Sec., T., R., M., or Survey Descrip 	1 Farmington, NM 8740		10. Field and Pool, or Basin Dakota	Exploratory Area
1,280' FSL & 660' FEL Sec 16, T27N 1,300' FSL & 705' FEL Sec 16, T27N	(O)	tion)	11. County or Parish,	State NM
12. CHECK APPROPRI	IATE BOX(ES) TO INDICATE	NATURE OF NOTICE, REPOR		
TYPE OF SUBMISSION		TYPE OF ACTION		
Notice of Intent X Subsequent Report Final Abandonment Notice	Alter Casing F Casing Repair N X Change Plans F	Fracture Treat Reclam. New Construction Recomp Plug and Abandon Tempor	ation V	Water Shut-Off Vell Integrity Other
13. Describe Proposed or CoommpletedOperation (clear If the proposal is to deepen directionally or recompleted. Attach the Bond under which the work will be perfollowing completion of the involved operations. If testing has been completed. Final Abandonment determined that the final site is ready for final inspect Cross Timbers Operating has alrest the process of being approved. disturbance. The wellsite has not location. A copy of the new plate Previous Location 1,280' FSL &	ady filed the APD for The previous location (the above mentioned we of the wellsite was a and the plats have bee ur review. Please at	ell. The APD is lso in an area of en corrected to s	currently in ecological show the new
	660' FEL in Sec 16, T			
	7			
14. I hereby certify that the foregoing is true and correct	Tit	le		
Name(Printed/Typed) JW Patton	allen	Drilling Engine	er	
//	Da			
(TH	IS SPACE FOR FEDERAL			
Approved by		Title	Date /	12/01
Conditions of approval, if any are attached Approval certify that the applicant holds legal or equitable title which would entitle the applicant to conduct operations the	to those rights in the subject lease nereon.			
Title 18 U.S.C Section 1001, makes it a crime for a fraudulent statements or representations as to any matter (Instructions on reverse)	ny person knowingly and willfully within its jurisdiction.	to make to any departmentor a	gency of the United State	es any false, fictitious c
(Instructions on (vorter)				

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

Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION PO Box 2088

Revised February 21, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

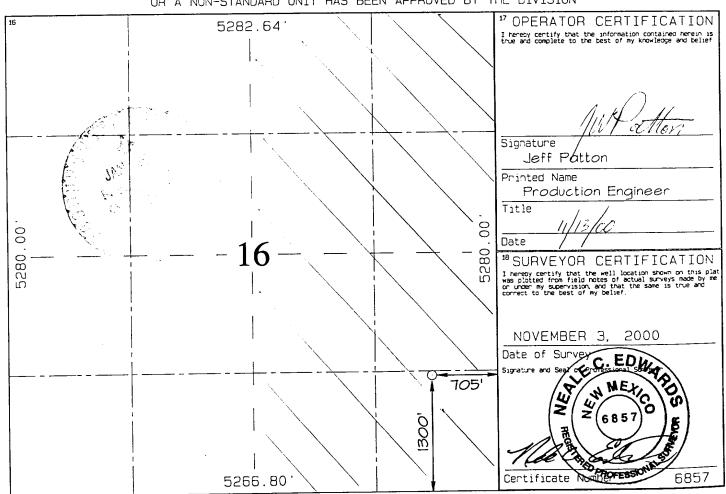
AMENDED REPORT

Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number			1	, bool roa	2	POUT Name					
30-045	_ = 2	36.355 71599 -				BASIN DAKOTA					
'Property Code			<u> </u>		*Property	Name			*We	ell Number	
33761					FEDER	AL F				1E	
'OGRIO No.					*Operator	Name		i	*E	*Elevation	
167067			CF	ROSS TI	MBERS OP	ERATING COM	1PANY			6075 -	
				1	^{lo} Surface						
UL or lot no. Sec	t 100	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Ws	st line	County	
P 1	6	27N	10W		1300	SOUTH	705	EAST		SAN JUAN	
¹¹ Bottom Hole Location If Different From Surface											
UL or lot no. Sec	tion	Township	Range	Lat Idn	Feet from the	North/South line	Feet from the	East/We	est line	County	
Dedicated Acres	;	Joint or Inf	ill ¹⁴ Cons	olidation 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



CROSS TIMBERS OPERATING COMPANY FEDERAL F #IE 1300' FSL & 705' FEL, SECTION 16, T27N, RIOW, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO 105

4. <u>CEMENT PROGRAM (Slurry design may change slightly, but the plan is to circulate cement to surface on both casing strings):</u>

A. Surface: 8-5/8", 24#, J-55, STC casing to be set at ± 350 ".

<u>Lead:</u> 245 sx of Class "B" cement containing 2% CaCl₂, ¼ pps celloflake, mixed at 15.6 ppg, 1.18 ft³/sk, & 5.20 gal wtr/sk.

Total slurry volume is 289 ft³, 100% excess of calculated annular volume to 350'.

B. <u>Production:</u> 4-1/2", 10.5#, J-55, STC casing to be set at $\pm 7,025$ ". DV Tool set @ $\pm 4,500$ ".

1st Stage

<u>Lead:</u> 270 sx of Premium Lite HS (65% Type III, 355 poz & 6% gel), $\frac{1}{4}$ pps celloflake, $\frac{10\text{#/sx}}{10\text{#/sx}}$ CSE, 6.25 $\frac{1}{3}$ sx gilsonite and 1.3% FL-52/CD-32 mixed at 12.3 ppg, 2.14 ft³/sk, 10.80 gal wtr/sx.

2nd Stage

<u>Lead</u>: 415 sx of Premium Lite HS (65% Type III, 355 poz & 6% gel), $\frac{1}{4}$ pps celloflake, $\frac{10}{5}$ CSE, 6.25 $\frac{1}{5}$ gilsonite and 1.3% FL-52/CD-32 mixed at 12.3 ppg, 2.14 ft³/sk, 10.80 gal wtr/sx.

Tail: 100 sx of Type III cement containing 2% CaCl2 & ¼ pps D-29 (celloflake) mixed at 14.6 ppg, 1.39 ft³/sk, 6.67 gal wtr/sx..

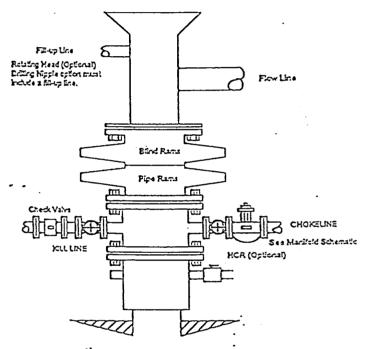
Total estimated slurry volume for the 4-1/2" production casing is 1,605 ft³ (no excess).

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined for the caliper logs plus 40%. It will be attempted to circ cement to the DV Tool and to the surface.

5. LOGGING PROGRAM:

- A. Mud Logger: There are no plans to use a mud logger at this time.
- B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD to 5,000'. Formation Micro Imager (FMI) will be run on most wells from TD to $\pm 6,000$ '.

BOPE SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 - NORMAL PRESSURE CROSS TIMBERS OPERATING COMPANY STANDARD



CHOKE MANIFOLD SCHEMATIC FOR DRILLING OPERATIONS 2M SERVICE CROSS TIMBERS OPERATING COMPANY STANDARD

