

District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE

SEP 30 1999

APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address Cross Timbers Operating Co. 2700 Farmington Avenue, Building K, Suite 1 Farmington, New Mexico 87401							OGRID Number 167067	
Contact Party Loren W. Fothergill							Phone 505-324-1090	
Property Name Federal Gas Com 1						Well Number 2	API Number 30-045-29816	
UL B	Section 20	Township 32N	Range 12W	Feet From The 1000'	North/South Line FNL	Feet From The 2320'	East/West Line FEL	County SAN JUAN

II. Date/Time Information

Spud Date 7/14/99	Spud Time 7:30 AM	Date Completed 9/03/99	Pool BASIN FRUITLAND COAL
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of New Mexico)
County of San Juan)
ss.

Loren W. Fothergill, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature Loren W. Fothergill Title Production Engineer Date 9-28-99

SUBSCRIBED AND SWORN TO before me this 28 day of September, 1999

Notary Public

My Commission expires: 6/10/03

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>Mark Bailey</u>	Title <u>P.E. Spec.</u>	Date <u>11-2-99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 11/2/99

NOTICE: The operator must notify all working interest owners of this New Well certification.

PVZV2006635416

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

REC'D / SAN JUAN

AUG 06 1999

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

RECEIVED
BLM

AM 10:09

FORM APPROVED

Budget Bureau No. 1004-0135

Expires November 30, 2000

5. Lease Serial No.

NM-019414

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No.

Federal Gas Com 1 #2

9. API Well No.

30-045-29816

10. Field and Pool, or Exploratory Area
Basin Fruitland Coal

11. County or Parish, State

San Juan Co. NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other Spud and all casing |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

MI & RU rotary. Spudded 12-1/4" hole @ 7:30 am (MDT), 7/14/99. Drld 12-1/4" hole to 154'. TIH & ran 3 jts of 9-5/8", 32.3#, H-40, STC csg, landed @ 147'. Cementer's Inc. cmt'd w/100 sx C1 B cmt containing 2% CaCl (15.6 ppg, 1.19 cuft/sx). Total slurry 119 cuft. Circ 45 sx to surf. PD @ 4:45 pm, 7/14/99. Bumped plug to 600 psig (500 psig over final disp press). Float held OK. WOC 12 hrs. NU BOP & tested BOP to 1,000 psig. Drilled out cmt w/8-3/4" bit and drilled formation to 2,285' TD, 7/18/99. RU & ran 7", 23#, J-55, STC csg & set @ 2,285'. RU Dowell/Schlumberger & cmt'd csg w/165 sxs C1 B cmt w/2% D79, 1/4#/sx celloflake, 2% CaCl₂ (11.4 ppg, 2.87 cuft/sx), followed w/125 sx C1 B cmt w/2% D79, 1/4#/sx celloflake, 2% CaCl₂ (13.5 ppg, 1.71 cuft/sx). Disp cmt w/88 BFW. Bumped plug to 1,370 psig (1,160 psig over final disp press). PD @ 12:45 a.m, 7/19/99. Did not circ cmt. ND BOP. Set slips, cut csg & RDRT. Rig rel @ 5:00 am (MDT), 7/19/99. TOC @ 475' by TS. WO completion.

APD/ROW

Please supply U.D.C. on 7" csg.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Bobby L. Smith

Title

Drldg/Operations Manager

Date

7/23/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Conditions of approval, if any, are attached. Approval of this notice 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.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

OPERATOR

ACCEPTED FOR RECORD

JUL 20 1999

FARMINGTON FIELD OFFICE
BY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE.

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____						5. LEASE DESIGNATION AND SERIAL NO. NM 019414							
b. TYPE OF COMPLETION: NEW <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME							
2. NAME OF OPERATOR Cross Timbers Operating Company						7. UNIT AGREEMENT NAME							
3. ADDRESS AND TELEPHONE NO. 2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401 324 1090						8. FARM OR LEASE NAME, WELL NO. Federal Gas Com 1 #2							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1,000' FNL & 2,320' FEL Sec 20, T32N, R12W At top prod. interval reported below At total depth						9. API WELL NO. 30-045-29816							
10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal						11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 20, T 32 N, R 12 W							
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH San Juan	13. STATE NM						
15. DATE SPUDDED 07/14/99		16. DATE T.D. REACHED 07/18/99		17. DATE COMPL. (Ready to prod.) 9/03/99		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5,940' KB		19. ELEV. CASINGHEAD					
20. TOTAL DEPTH, MD & TVD 2,285' KB		21. PLUG, BACK T.D., MD & TVD 2,238' KB		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →		ROTARY TOOLS 0-2,285'					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 1,853' - 2,109'								25. WAS DIRECTIONAL SURVEY MADE Yes					
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Neutron & Induction log								27. WAS WELL CORED No					
28. CASING RECORD (Report all strings set in well)													
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED			
9-5/8" H-40		32.3#		147'		12-1/4"		Surf. 100 sx					
7" J-55		23#		2,285'		8-3/4"		475' By TS 290 sx					
29. LINER RECORD										30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	DEPTH SET (MD)	PACKER SET (MD)	
										2-3/8"	2,158'		
31. PERFORATION RECORD (Interval, size and number) 2,073' - 2,109' 1,954' - 59' & 1,961' - 70' 1,853' - 57', 1,863' - 68', 1,879' - 85' & 1,891' - 97'						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
						DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
						Frac 2,073-2,109'		103112 gals gel wtr & 105468# 12/20					
						Frac 1,954'-70'		42125 gal gel wtr & 69,220# 12/20					
						Frac 1,853'-97'		28891 gal gel wtr & 22,427# 12/20					
33. PRODUCTION													
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping						WELL STATUS (Producing or shut-in) Pumping					
DATE OF TEST 9/7/99		HOURS TESTED No flow		CHOKE SIZE		PROD'N. FOR TEST PERIOD →		OIL - BBL		GAS - MCF		WATER - BBL	GAS - OIL RATIO
FLOW, TUBING PRESS. 10 psig SI		CASING PRESSURE 290 psig SI		CALCULATED 24-HOUR RATE →		OIL - BBL		GAS - MCF		WATER - BBL		OIL GRAVITY - API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be Sold										TEST WITNESSED BY Steve Jaquez			
35. LIST OF ATTACHMENTS													
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records													
SIGNED <u>Loren W. Fairhead</u>						TITLE <u>Operations Engineer</u>			DATE <u>9-24-99</u>				

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			<div>Revised</div>

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Farmington SS	1034'	
Lower Kirtland Sh	1094'	
Fruitland	1595'	
Pictured Cliffs	2114'	

CROSS TIMBERS GROUP INTEREST MEMO

REC'D / MIDLAND

JUL 13 1999

Distribution: Ken Staab	Mary Coughran	Tim Plue	Well File
Bennie Kniffen	Scott Clair	Melanie Ramirez	File Book
Mark Stevens	Joy Webster	Oklahoma City/Midland	J. Stadulis/R. Tracy
Terry Schultz	Dave Schroeder	Terry Reid/Jean Ann Dobbs	Don Barton
Pat Benson	Kelly Stinnett	Bill Manning	Shirley Ottinger

Date Prepared July 9, 1999 Well Name Federal Gas Com 1 #2

Lease Number 861-1028-00 plus Burlington Well Number To be assigned 7/13/99

Lease No. - to be assigned when earned

Orig Memo ☒ Supp Memo ☐

REC'D / SAN JUAN

LOCATION DATA		JUL 15 1999		
Location <u>N/2 Section 20-T32N-R12W</u>		San Juan County, New Mexico		
Section/Township(Blk)/Range(Svy)		County/State		
Exact Well Spot <u>1,000' FNL & 2,320' FEL</u>				
Type of Deal (Rework, New Well, F/O, Support, etc.) <u>New Well</u>				
WELL OWNERSHIP	WORKING INTEREST %		NET REVENUE INTEREST %	
	BPO	APO	BPO	APO
Operator & Address				
Cross Timbers Oil Company	100%	96.25%	86.5625%	84.21875%
Non-Operators: Address if CTOC Operator				
Burlington Resources Oil & Gas Company	0	3.75%	.9375%	3.28125%
TOTAL				
W.I. should be carried to 5 places and should total 100%				

DEAL	AFE # 98732
<p>Burlington elected to farmout its unit interest of 12.50% WI/10.9375% NRI and retained a 7.50% ORRI convertible to a 30% WI APO, proportionately reduced to the unit. Burlington owns 100% of SE/4 NW/4. Attached are requirements CTOC must follow pursuant to the terms of the Farmout Agreement.</p> <p>NRI based on sliding scale of 280 acres (87.50% of unit) at 1/8. Scale is as follows: 1/8 - 0 to 5,000,000 CFGPD; 1/6 - over 5,000,00 CFGPD</p>	