

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
 Cross Timbers Operating Company

3a. Address 2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401505-324-1090  
 3b. Phone No. (include area code)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 855' FNL & 1,790' FEL, Unit B, Sec 19, T-27-N, R-8-W

5. Lease Serial No.  
 NMNM 03380  
 6. If Indian, Allottee or Tribe Name  
 7. If Unit or CA/Agreement, Name and/or No.  
 8. Well Name and No.  
 Florance #69  
 9. API Well No.  
 30-045-29687  
 10. Field and Pool, or Exploratory Area  
 Basin Fruitland Coal  
 11. County or Parish, State  
 San Juan NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans <input checked="" 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 approximated duration thereof. If the proposal is to deepen directionally or recomplete 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 recompletion 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.)

Cross Timbers request your approval to Plug and Abandon the above mentioned well. A copy of the procedure is enclosed for your review. Cross Timbers will plug the well within 30-90 days of your approval. Feel free to contact Cross Timbers Operating Co. if there are any questions.



14. I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed) Darrin Steed Title Operations Engineer  
 Date 1/3/01

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date 1/12/01  
 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.

PLUG AND ABANDONMENT PROCEDURE 12/21/00

**Florance #69**

Basin Fruitland Coal  
885' FNL & 1790' FEL, Section 19, T27N, R8W  
San Juan County, New Mexico  
API #30-045-29687

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and/or test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Cross Timbers safety rules and regulations.
  2. TOH and LD rods with pump. ND wellhead and NU BOP, test BOP. TOH and tally 68 joints 2-3/8" tubing (2087'); visually inspect the tubing. If necessary LD tubing and PU 2" workstring. Round-trip 4-1/2" gauge ring or casing scraper to 1913'.
  3. **Plug #1 (Fruitland Coal perforations, 1913' – 1755')**: Set a 4-1/2" cement retainer at 1900'. Pressure test the tubing to 1000#. Load casing with water and circulate clean. Pressure test to 500#. If casing does not test, then spot or tag subsequent plug as necessary. Mix 41 sxs Type II cement, squeeze 26 sxs below the fill the Fruitland perforations and spot 15 sxs above to cover the Fruitland Coal top. PUH to 1415'.
  4. **Plug #2 (Kirtland and Ojo Alamo tops, 1415' – 1200')**: Mix 20 sxs Type II cement and spot balanced plug inside casing to cover Kirtland and Ojo Alamo tops. POH to 190'.
  5. **Plug #3 (7" Surface casing, 190' - Surface)**: Establish circulation out casing valve. Mix 20 sxs Type II cement from 190' to surface, circulate good cement out casing valve. TOH and LD the tubing. Shut well in and WOC.
  6. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.
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# Florance #69

Current

Basin Fruitland Coal

NE, Section 19, T-27-N, R-8-W, San Juan County, NM

Long / Lat:

API #30-045-29687

Today's Date: 12/21/00

Spud: 12/5/98

Completed: 1/16/99

Elevation: 6089' KB

8-3/4" hole

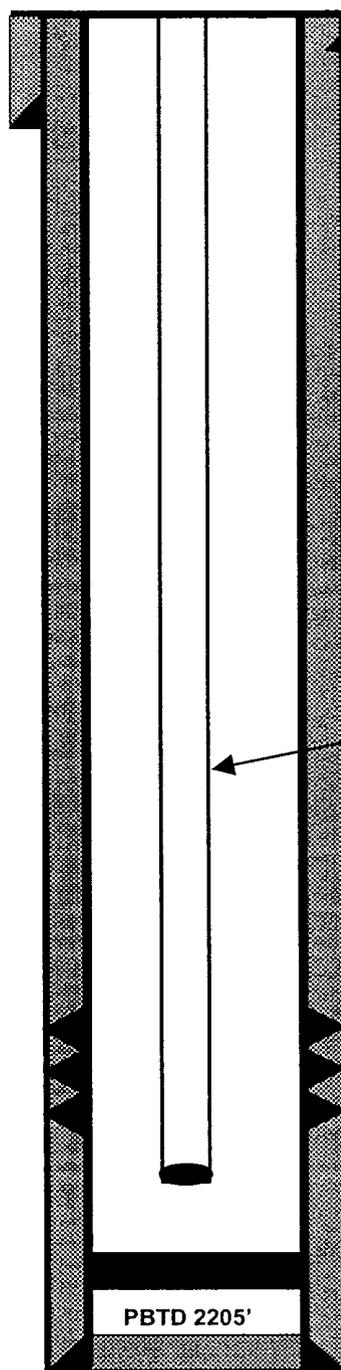
Ojo Alamo @ 1250'

Kirtland @ 1365'

Fruitland Coal @ 1805'

Pictured Cliffs @ 2119'

6-1/4" hole



Circulated 1bbl Cement to Surface

7" 23# Casing set @ 140'

Cmt w/65 sxs (Circulated to Surface)

## WORK HISTORY

Jan '99: First deliver well.

Feb '99: Tag fill at 2197'; pull 2-3/8" tubing and install 1-1/4" tubing.

Mar '99: Swab well.

Jun '99: Tag fill at 2201'; LD 1-1/4" tubing; ran packer and RBP, stuck body of packer; re-perforate and acidize perforations; landed 2-3/8" tubing with rods and pump.

Nov '99: Re-stimulate well: TOH with rods and pump; tag fill at 3130'; frac coal zones; CO to 2136 with swab and bailer; re-run tubing with rods and pump.

2-3/8" Tubing set at 2105'  
(68 joints, SN at 2087'  
with rods and pump )

Fruitland Coal Perforations:  
1963' - 2075'

Double cup packer body  
stuck at 2136' (1999)

4-1/2" 10.5# Casing set @ 2249'  
Cmt with 335 sxs (489 cf)

PBTD 2205'

TD 2248'

# Florance #69

Proposed P&A

Basin Fruitland Coal

NE, Section 19, T-27-N, R-8-W, San Juan County, NM

Long / Lat:

API #30-045-29687

Today's Date: 12/21/00

Spud: 12/5/98

Completed: 1/16/99

Elevation: 6089' KB

8-3/4" hole

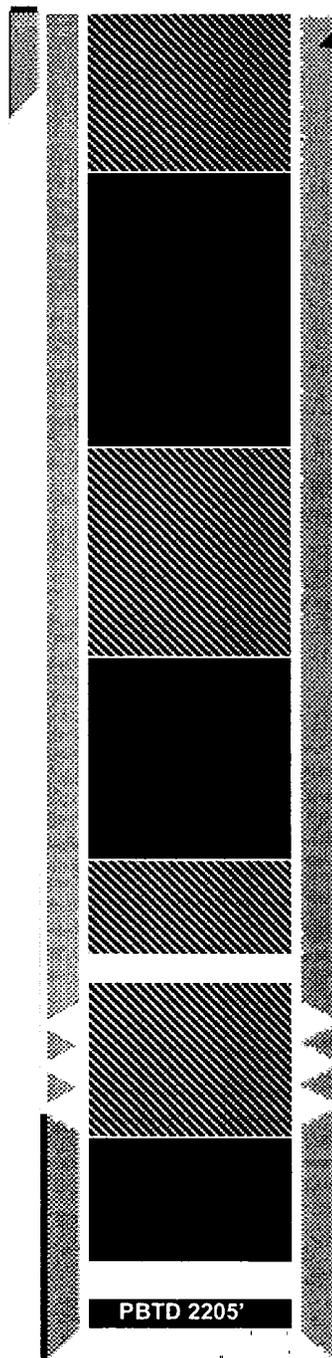
Ojo Alamo @ 1250'

Kirtland @ 1365'

Fruitland Coal @ 1805'

Pictured Cliffs @ 2119'

6-1/4" hole



Circulated 1bbl Cement to Surface

7" 23# Casing set @ 140'  
Cmt w/65 sxs (Circulated to Surface)

**Plug #3 190' - Surface**  
Cement with 20 sxs Type II

**Plug #2 1415' - 1200'**  
Cement with 20 sxs Type II

**Plug #1 2075' - 1755'**  
Cement with 41 sxs Type II,  
26 sxs under the CR and  
15 sxs above.

Fruitland Coal Perforations:  
1963' - 2075'

**Double cup packer body  
stuck at 2136' (1999)**

4-1/2" 10.5# Casing set @ 2249'  
Cmt with 335 sxs (489 cf)

PBTD 2205'

TD 2248'