

District I -  
05) 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

1240 Date 06/99

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO THE SANTA FE  
OFFICE

SEP 23 1999

APPLICATION FOR NEW

WELL STATUS

I. Operator and Well

Operator name & address Cross Timbers Operating Company 2700 Farmington Avenue, Building K, Suite 1 Farmington, New Mexico 87401								OGRID Number 167067	
Contact Party THOMAS DELONG								Phone 505-324-1090	
Property Name E. H. Pipken						Well Number 31		API Number 30-045-29774	
UL H	Section 35	Township 28N	Range 11W	Feet From The 2510'	North/South Line FNL	Feet From The 555'	East/West Line FEL	County SAN JUAN	

II. Date/Time Information

Spud Date 5/14/99	Spud Time 2:00 PM	Date Completed 6/25/99	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 )

ss.

County of San Juan )

Thomas Delong 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 Thomas Delong Title Production Engineer Date 9-21-99

SUBSCRIBED AND SWORN TO before me this 21 day of September 1999

Joseph L. Hammond  
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 Kelly</u>	Title <u>P.O. Spee.</u>	Date <u>9-28-99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT SEP 28 1999

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

PV2V2006539694

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 WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF 078019	
b. TYPE OF COMPLETION: NEW WELL <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 <input type="checkbox"/>		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		8. FARM OR LEASE NAME, WELL NO. E. H. Pipkin #31	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2.510 FNL & 555' FEL, Sec 35, T28N, R11W, Unit H At top prod. interval reported below At total depth		9. API WELL NO. 30-045-29774	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Fruitland Coal	
DATE ISSUED AUG 19 1999		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 35, T28N, R11W	
15. DATE SPUDDED 5/14/99		12. COUNTY OR PARISH San Juan	
16. DATE T.D. REACHED 5/18/99		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 6/25/99		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5,836' GL, 5,840' KB	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 1,905' MD & TVD	
21. PLUG, BACK T.D., MD & TVD 1,857' MD & TVD		22. IF MULTIPLE COMPL., HOW MANY* 1	
23. INTERVALS DRILLED BY ROTARY TOOLS 0' TO 1'905'		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 1,564' to 1,737' (MD & TVD) Upper & lower Fruitland Coal		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN SDL/DSN (Denisty/Neutron), HRI (Induction), GR, SP, CCL		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
7", J-55	20 & 23	130'	8-3/4"	50 sx C1 "B". Circ to surf.	
4-1/2", J-55	10.5#	1903.7'	6-1/4"	150 sx 35/65 Poz & 100 sx C1 "B". Top @ 150' (Temp log)	

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"	1,723'	n/a

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1,564'-68', 1,572'-78', 1,595'-98', 1,601'-04', 1,644'-46', 1,722'-37' 4 SPF (132 - 0.34" holes)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		1,722'-37'	500 gals 15% HCl, 1,841 bbls gel.
			2,507# 20/70 sd, 53,168# 20/40 sd
		1,564'-1,646'	1,431 bbls gel, 1,711# 40/70 sd,
			53,320# 20/40 sd

33.* PRODUCTION							
DATE FIRST PRODUCTION 6/25/99		PRODUCTION METHOD <i>Flowing, gas lift, pumping - size and type of pump</i> Pumping, 1-1/2" pump, 6 SPM & 42" SL				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 7/19/99	HOURS TESTED 24	CHOKE SIZE open	PROD'N. FOR TEST PERIOD	OIL - BBL 0	GAS - MCF. 103	WATER - BBL 4	GAS - OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE 31	CALCULATED 24-HOUR RATE	OIL - BBL 0	GAS - MCF. 103	WATER - BBL 4	OIL GRAVITY - API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold	TEST WITNESSED BY Brent F. [Signature]
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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

TITLE

Production Engineer

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

ACCEPTED FOR RECORD

AUG 16 1999

FARMINGTON FIELD OFFICE  
BY [Signature]

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Kirtland Shale	754'	754'
				Fruitland Fm	1,522'	1,522'
				Pictured Cliffs	1,738'	1,738'

VP 8/20/99  
 ENG 8:24-99  
 REG 1 AM 8-24-99  
 Well File

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 RECEIVED

Do not use this form for proposals to drill or to re-enter an BLM  
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 Avenue  
Bldg K, Suite 1, Farmington, NM 87401

3b. Phone No. (include area code)  
505/324-1090

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2510' FNL & 555' FEL, Sec. 35, T28N, R11W, Unit Ltr H

5. Lease Serial No.

SF 078019

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

E. H. Pipken #31

9. API Well No.

30-045-29774

10. Field and Pool, or Exploratory Area

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

- ☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off  
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity  
☐ Casing Repair ☐ New Construction ☐ Recomplete ☒ Other  
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon Spud & all casing  
☐ Convert to Injection ☐ Plug Back ☐ 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 recompleat 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 recompleat 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 8-3/4" hole @ 2:00 p.m. (MST), 5/14/99. Drilled to 130' and ran 7", 20 & 23#. J-55, STC casing and set @ 128'. RU Cementers' Inc and cemented casing w/50sx C1 B cement w/2% CaCl<sub>2</sub> and 1/4#/sx Celloflake. Displaced w/4 bbls fresh water. Plug down @ 7:30 p.m., 5/14/99, w/500 psig. Did not bump plug. Circulated 16sx cement to surface. WOC 12.5 hrs. NU BOPE. Tested casing and BOPE to 1000 psig, OK. Commence drilling cement w/6-1/4" and drilled hole to 1904'. TD. RU and ran 4-1/2". 10.5#, J-55, STC casing and set @ 1904'. RU BJ Services and cemented w/150sx 35/65 Poz B cement containing 6% gel, 5#/sx Gilsonite, 2% CaCl<sub>2</sub>, 1/4#/sx Celloflake followed by 100sx of C1 B cement containing 5#/sx Gilsonite, 1/4#/sx Celloflake (total cement volume 407 cubic feet). Displace cement with 30 barrels fresh water. Bumped plug to 1495 psig, 500 psig over final displacement pressure. Float held OK. Did not circulate cement to surface. Had 80% returns during displacement. Plug down @ 2:00 a.m., 5/18/99. ND BOP, set slips. Released rig @ 2:30 a.m., 5/18/99. Top of cement 150' from surface by temperature survey.

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

Bobby L. Smith

Title

Drilling/Operations Manager

Date 5/18/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

ACCEPTED FOR RECORD

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

MAY 24 1999

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.

# CROSS TIMBERS GROUP INTEREST MEMO

Distribution: Ken Staab Bennie Kniffen Mark Stevens Terry Schultz Pat Benson	Mary Coughran Scott Clair Joy Webster Dave Schroeder <u>Jerry Stadulis</u>	Tim Plue Melanie Ramirez Terry Reid/Jean Ann Dobbs Bill Manning Kelly Stinnett	Don Barton Oklahoma City/Midland Tyler/Farmington File Book Well File
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Date Prepared February 2, 1999 Well Name E.H. Pipkin #31 FC

Lease Number 861-1139-00 Well Number Not Yet Assigned

Orig Memo

☒

Supp Memo

☐

*GLM ✓*  
*TWD ~~not~~ ✓*  
*Well File*

## LOCATION DATA

Location E/2 Section 35-28N-11W San Juan County, New Mexico  
Section/Township(Blk)/Range(Svy) County/State

Exact Well Spot 2,510' FNL & 555' FEL of Section 35-28N-11W

Type of Deal (Rework, New Well, F/O, Support, etc.) New Well

## WELL OWNERSHIP

### WORKING INTEREST %

### NET REVENUE INTEREST %

	BPO	APO	BPO	APO
Operator & Address				
Cross Timbers Oil Company	100%	100%	82.5%	82.5%
Non-Operators: Address if CTOC Operator				
TOTAL	100%	100%	82.5%	82.5%

W.I. should be carried to 5 places and should total 100%

## DEAL

AFE # 98735

New drill well from Amoco Acquisition.