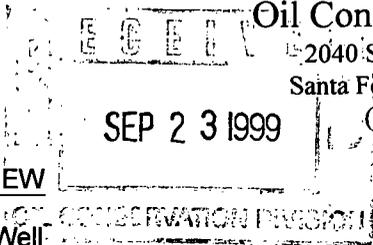


District I -
 (505) 393-6161
 1625 N. French Dr
 Hobbs, NM 88241-1980
 District II - (505) 748-1283
 811 S. First
 Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Road
 Aztec, NM 87410
 District IV - (505) 827-7131

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

1240
 Date 06/99
 SUBMIT ORIGINAL
 PLUS 2 COPIES
 TO THE SANTA FE
 OFFICE



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
----------------------	----------------------	---------------------------	------------------------------

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)

Tom Long being first duly sworn, upon oath states:

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

Signature Tom Long 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 Speck</u>	Title <u>P.O. Speck</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.

P12V2006539694

**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

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO. **SF 078019**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO. **E. H. Pipkin #31**

9. API WELL NO. **30-045-29774**

10. FIELD AND POOL, OR WILDCAT **Fruitland Coal**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA **Sec 35, T28N, R11W**

12. COUNTY OR PARISH **San Juan**

13. STATE **NM**

14. PERMIT NO. _____ DATE ISSUED **AUG 19 1999**

15. DATE SPUDDED **5/14/99**

16. DATE T.D. REACHED **5/18/99**

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'**

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**

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.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1,564'-68', 1,572'-78', 1,595'-98', 1,601'-04', 1,644'-46', 1,722'-37' 4 SPF (132 - 0.34" holes)	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 **Flowing, gas lift, pumping - size and type of pump**
Pumping, 1-1/2" pump, 6 SPM & 42" SL

WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL	GAS - MCF.	WATER - BBL	GAS - OIL RATIO
7/19/99	24	open		0	103	4	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF.	WATER - BBL	OIL GRAVITY - API (CORR.)
	31		0	103	4	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Sold**

TEST WITNESSED BY **Brent E. Hulse**

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 Thomas D. Long TITLE Production Engineer

ACCEPTED FOR RECORD
AUG 16 1999
7/30/99 OFFICE

*(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):

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 *[Signature]* 8/20/59
 ENG *[Signature]* 8-24-59
 REG *[Signature]* 8-24-59
 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.

~~59 MAY 21 AM 10:51~~

SUBMIT IN TRIPLICATE - Other instructions on reverse side

REC'D / SAN JUAN

070 FARMINGTON, NM

MAY 27 1999

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF 078019
2. Name of Operator Cross Timbers Operating Company		6. If Indian, Allottee or Tribe Name
3a. Address 2700 Farmington Avenue Bldg K, Suite 1, Farmington, NM 87401	3b. Phone No. (include area code) 505/324-1090	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2510' FNL & 555' FEL, Sec. 35, T28N, R11W, Unit Ltr H		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	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other <u>Spud & all casing</u>

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 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.)

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% CaCl₂ 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% CaCl₂, 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

**CROSS TIMBERS GROUP
INTEREST MEMO**

Distribution: Ken Staab	Mary Coughran	Tim Plue	Don Barton
Bennie Kniffen	Scott Clair	Melanie Ramirez	Oklahoma City/Midland
Mark Stevens	Joy Webster	Terry Reid/Jean Ann Dobbs	Tyler/Farmington
Terry Schultz	Dave Schroeder	Bill Manning	File Book
Pat Benson	<u>Jerry Stadulis</u>	Kelly Stinnett	Well File

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 ✓
Well File*

LOCATION DATA	
Location <u>E/2 Section 35-28N-11W</u>	<u>San Juan County, New Mexico</u>
<small>Section/Township(Blk)Range(Svy)</small>	<small>County/State</small>
Exact Well Spot <u>2,510' FNL & 555' FEL of Section 35-28N-11W</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%	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 # <u>98735</u>
New drill well from Amoco Acquisition.	