

1368

Form C-142

Date 06/99

New Mexico

Energy Minerals and Natural Resources Department

District I - (505) 393-6161

1625 N. French Dr
Hobbs, NM 88241-1980

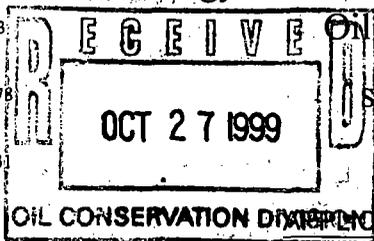
District II - (505) 748-1283

811 S. First
Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Road
Aztec, NM 87410

District IV - (505) 827-7131



Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

**SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE**

OIL CONSERVATION DIVISION 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 Jeffery W. Patton							Phone 505-324-1090		
Property Name CARSON FEDERAL I					Well Number 1A		API Number 30-039-26198		
UL E	Section 34	Township 28N	Range 04W	Feet From The 1635	North/South Line FNL	Feet From The 675	East/West Line FWL	County RIO ARRIBA	

II. Date/Time Information

Spud Date 09/25/99	Spud Time 8:00 PM	Date Completed 10/21/99	Pool BLANCO MESAVERDE
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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)

Jeffery W. Patton, 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 [Signature] Title Production Engineer Date 10/25/99

SUBSCRIBED AND SWORN TO before me this 25 day of October, 1999.

[Signature]
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>[Signature]</u>	Title <u>P.E. Spec.</u>	Date <u>DEC 20 1999</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: DEC 20 1999

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

PVZV2007133204

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 with the original on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM-14922	
2. Name of Operator Cross Timbers Operating Company		6. If Indian, Allottee or Tribe Name	
3a. Address 2700 Farmington Ave., Bldg K, Suite 1, Farmington, NM 87401		7. If Unit or CA/Agreement, Name and/or No Carson Federal I	
3b. Phone No. (include area code) 505/324-1090		8. Well Name and No. Carson Federal I #1-A	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1635' FNL & 675' FWL, Sec. 34, T28N, R4W Unit Ltr E		9. API Well No. 30-039-26198	
		10. Field and Pool, or Exploratory Area Blanco Mesa Verde	
		11. County or Parish, State Rio Arriba 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 type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" 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 checked="" type="checkbox"/> Other <u>Spud and</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>9-5/8" surf csq.</u>
	<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 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.)

MIRU RT. Spudded 12-1/4" hole @ 8:00 pm (MDT), 9/25/99. Drld 12-1/4" hole to 422' & ran 9-5/8", 32.3#, H-40, STC csg & set @ 372'. RU Cementer's, Inc. & cmt'd csg w/245 sx C1 B cmt w/2% CaCl₂ & 1/4#/sx celloflake (14.8 ppg, 1.34 cuft/sx). Disp cmt w/26 BFW. PD @ 1:00 am, 9/27/99. Bumped plug to 200 psig (25 psig over final disp press). Float did not hold, circ 109 sx cmt to surf. Cmt fell back. Ppd 15 sx fr/top. TOC @ surf. Ttl cmt vol 260 sx (348 cuft). WOC 13-1/2 hrs. NU BOP & tst'd rams to 1000 psig. OK. Drld out cmt w/8-3/4" bit and now drlg formation.

RECEIVED
BLM
99 OCT -4 PM 3:18
070 FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Bobby L. Smith	Title Drilling/Operations Manager
	Date 9/29/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
		OCT 05 1999
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

ACCEPTED FOR RECORD

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.

**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 _____		7. UNIT AGREEMENT NAME Carson Federal I	
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 _____		8. FARM OR LEASE NAME, WELL NO. Carson Federal I #1A	
2. NAME OF OPERATOR Cross Timbers Operating Company		9. API WELL NO. 30-039-26198	
3. ADDRESS AND TELEPHONE NO. 2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87401		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1,635' FNL & 675' FWL Unit E At top prod. interval reported below At total depth		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 34, T28N, R04W	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 09/25/99		16. DATE T.D. REACHED 10/09/99	
17. DATE COMPL. (Ready to prod.) 10/21/99		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7,196' GL	
19. ELEV. CASINGHEAD		12. COUNTY OR PARISH Rio Arriba	
20. TOTAL DEPTH, MD & TVD 6,614' MD & TVD		21. PLUG, BACK T.D., MD & TVD 6,512' MD & TVD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Mesaverde fr/5,934' -6,400' KB (MD & TVD)		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Halliburton GR/Cal/SP/DIL/SFL/CNL & LDT		27. WAS WELL CORED no	

CASING RECORD (Report all strings set in well)

SING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8", H-40	32.3#	372'	12-1/4"	Circ to surface	
7", J-55	23#	4,457'	8-3/4"	353' by TS	
4-1/2", J-55	10.5#	6,613'	6-1/4"	5,260' by CBL	

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"	6,186' KB	n/a

31. PERFORATION RECORD (Interval, size and number) 6400' 6374' 6356' 6349' 6346' 6330' 6326' 6319' 6313' 6305' 6283' 6279' 6238' 6229' 6225' 6214' 6206' 6171' 6165' (2 jspf, 0.34" dia) 6078' 6059' 6030' 5995' 5979' 5977' 5968' 5046' 5036' 5934'	32. ACID SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	6,165' -6,400'	frac, 100,000 gals foam w/110000# 20/40 sd.
	5,934' -6,078'	frac, 100,000 gals foam w/91000# 20/40 sd.

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD: <u>Flowing, gas lift, pumping - size and type of pump</u> Flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 10/21/99	HOURS TESTED 3	CHOKE SIZE 1/2"	PROD'N. FOR TEST PERIOD →	OIL - BBL 0 BO	GAS - MCF 313 MCF	WATER - BBL 0 BW	GAS - OIL RATIO
FLOW. TUBING PRESS. 400 psig	CASING PRESSURE 420 psig	CALCULATED 24-HOUR RATE →	OIL - BBL 0 BOPD	GAS - MCF. 2,505 MCFPD	WATER - BBL 0 BWPD	OIL GRAVITY - API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold						TEST WITNESSED BY Bob Morris	

35. LIST OF ATTACHMENTS

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: [Signature] TITLE: Production Engineer DATE: 10/25/99

*(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
Ojo Alamo	3396		SS			
Kirtland Shale	3677		Sh			
Fruitland Coal	3971		Coal			
Pictured Cliffs	4049		SS			
Lewis Shale	4312		Sh			
MV Group						
Cliffhouse	5917		SS			
Menefee	6013		SS			
Pt Lookout	6290		SS			

CROSS TIMBERS GROUP -
INTEREST MEMO REC'D / SAN JUAN SEP - 2, 1999

REC'D / MIDLAND

Distribution: Ken Staab	Mary Coughran	Tim Plue	SEP 07 1999	Well File
Bennie Kniffen	Scott Clair	Melanie Ramirez		File Book
Mark Stevens	Joy Webster	Oklahoma City/Midland		<u>J. Stadulis/R. Tracy</u>
Terry Schultz	Dave Schroeder	Terry Reid/Jean Ann Dobbs		Don Barton
Pat Benson	Kelly Stinnett	Bill Manning		Shirley Ottinger

Date Prepared July 15, 1999

Well Name Ruby Corscot A #1

Lease Number 861-1121 & 1123

Well Number 71716 9/3/99

Orig Memo

Supp Memo

Handwritten notes:
 9/3/99
 LAM ✓
 BLS ✓ 9/3/99
 GM ✓
 RB ✓ copy 9/3/99
 RFM ✓
 WF ✓

LOCATION DATA

Location W/2 Section 25-T30N-R12W San Juan County, New Mexico
Section/Township(Blk)/Range(Svy) County/State

Exact Well Spot 1,170' FSL & 1,850' FWL

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

WELL OWNERSHIP

WORKING INTEREST %

NET REVENUE INTEREST %

Operator & Address	WORKING INTEREST %		NET REVENUE INTEREST %	
	BPO	APQ	BPO	APQ
Cross Timbers Oil Company		43.75%		38.28125% 0.260416% RI
Non-Operators: Address if CTOC Operator				
* Merrion Oil & Gas Corporation et al 610 Reilly Avenue Farmington, NM 87401 505-327-9801		32.031250%		25.29687%
Burlington Resources Oil & Gas Company		21.09375%		14.765625%
Robert L. Bayless		3.12500%		2.734375%
TOTAL		100%		100%

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

DEAL

AFE # 98734

* Merrion Oil & Gas will collect expenses and disburse revenue to its internal partners which own record title.