

UNITED STATES
DEPARTMENT OF THE INTERIOR

Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

b. TYPE OF WELL

DRILL ☒

DEEPEN ☐

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Attention:

Amoco Production Company

Julie L. Acevedo

3. ADDRESS AND TELEPHONE NO.

P.O. Box 800, Denver, Colorado 80201

(303) 830-6003

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

860FNL

1700FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

62 Miles from Aztec, N.M.

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATION (Report whether M, RT, GR, etc.)

7209' GR **procedural review pursuant to 43 CFR 3165.1**
and appeal pursuant to 43 CFR 4150.6

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 N/2

19. PROPOSED DEPTH

6561' TD

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

06-01-95

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12.25"	8 5/8"	24#	50'	36 cu.ft. CI B Cement Circ. to surface
7.875"	5 1/2"	14#	4451'	1234 cu.ft. CI B Circ. to surface
4.75"	2 7/8"	6.5#	6561'	230 cu.ft. CI B

Amoco Production Company submitted the NOS on 5/25/95 as the Biscuit Federal #1. Arch possibly filed as the Carson Federal #1A which was on the original C102.

Lease Description: T28N-R4W N/2 of Section 36: Containing 320 acres, more or less.

RECEIVED
AUG 30 1995

OIL CON. DIV.
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Julie L. Acevedo

TITLE Sr. Staff Assistant

DATE

05-25-1995

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval 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.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

APPROVED
AS AMENDED

AUG 25 1995

DISTRICT MANAGER

*See Instructions on Reverse Side

Title 18 U.S.C. § 101, 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.

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

95 JUL 31 1995 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-255-49		Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 17441	Property Name Biscuit Federal		Well Number # 1
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY		Elevation 7209

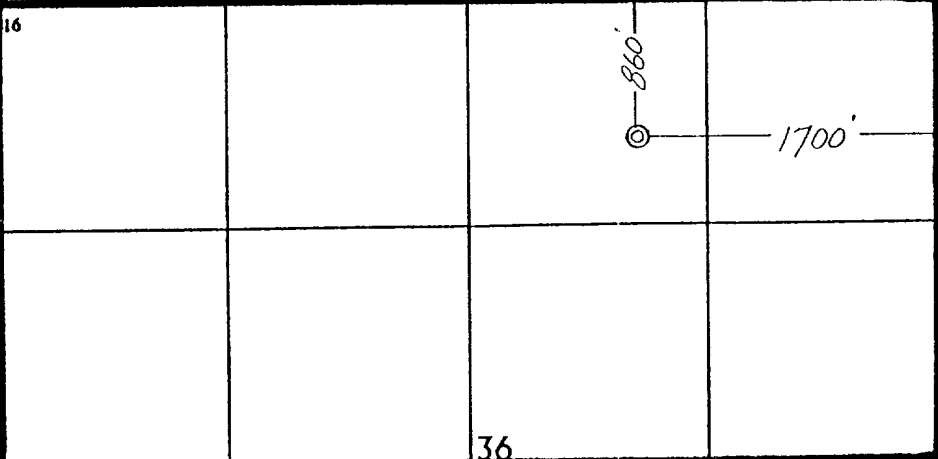
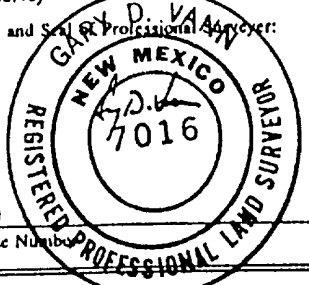
Surface Location

UL or lot no. B	Section 36	Township 28 N	Range 4 W	Lot Idn	Feet from the 860	North/South line NORTH	Feet from the 1700	East/West line EAST	County RIO ARriba
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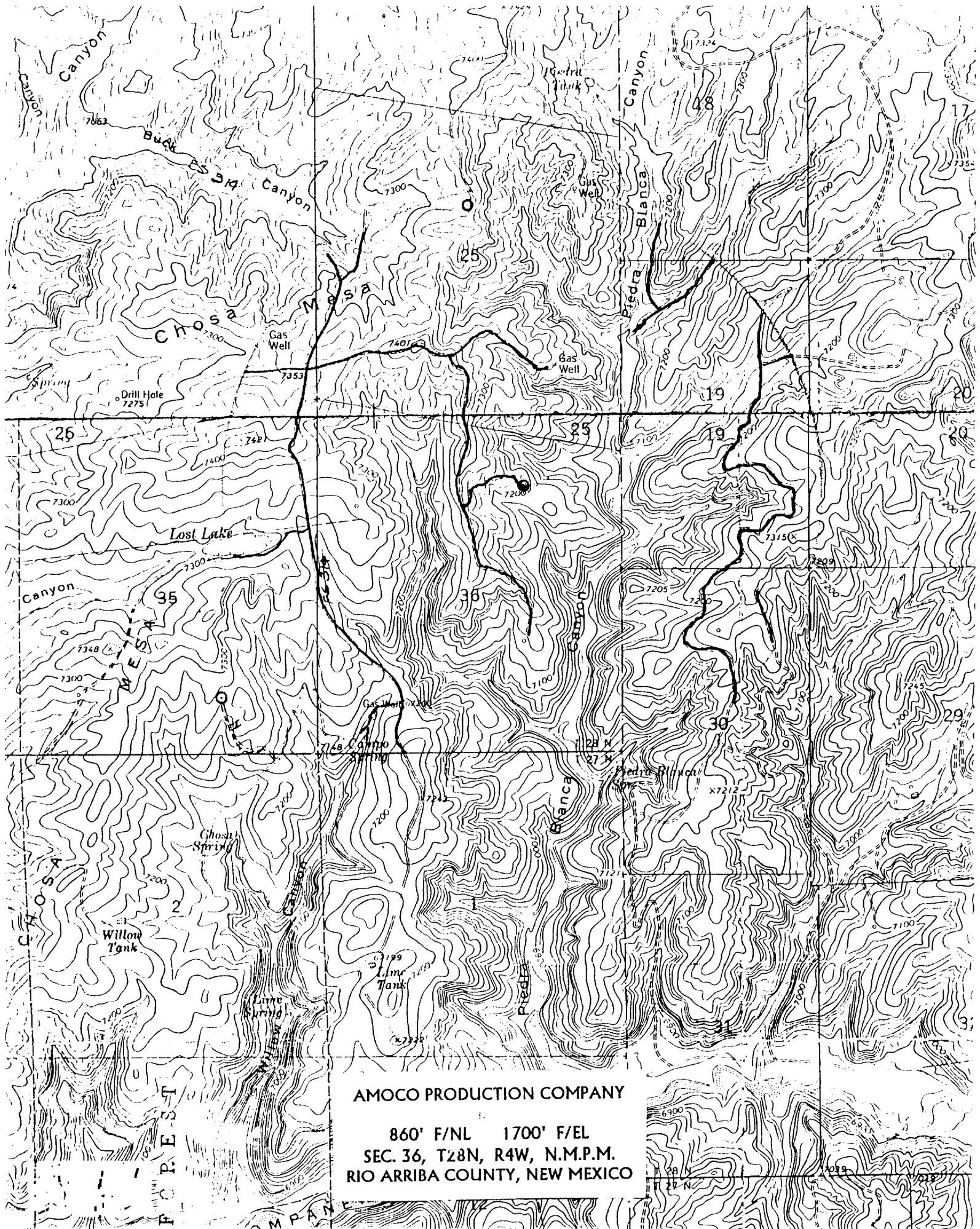
Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320		Joint or Infill		Consolidation Code		Order No.			

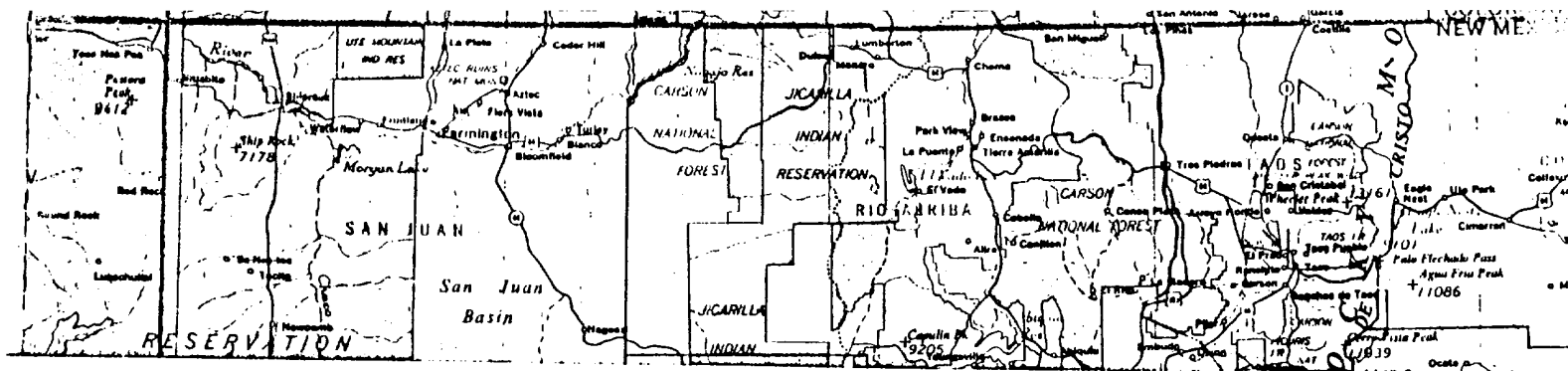
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div>16</div> 				<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Julie L. Acevedo</i> Signature Julie L. Acevedo Printed Name Sr. Staff Assistant Title 5/25/95 Date</p>	
				<div>18 SURVEYOR CERTIFICATION</div> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>May 1, 1995 Date of Survey Signature and Seal of Professional Surveyor: </p>	

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AUG 30 1995
OIL CON. DIV.
DIST. 3



AMOCO PRODUCTION COMPANY
860' F/NL 1700' F/EL
SEC. 36, T28N, R4W, N.M.P.M.
RIO ARRIBA COUNTY, NEW MEXICO



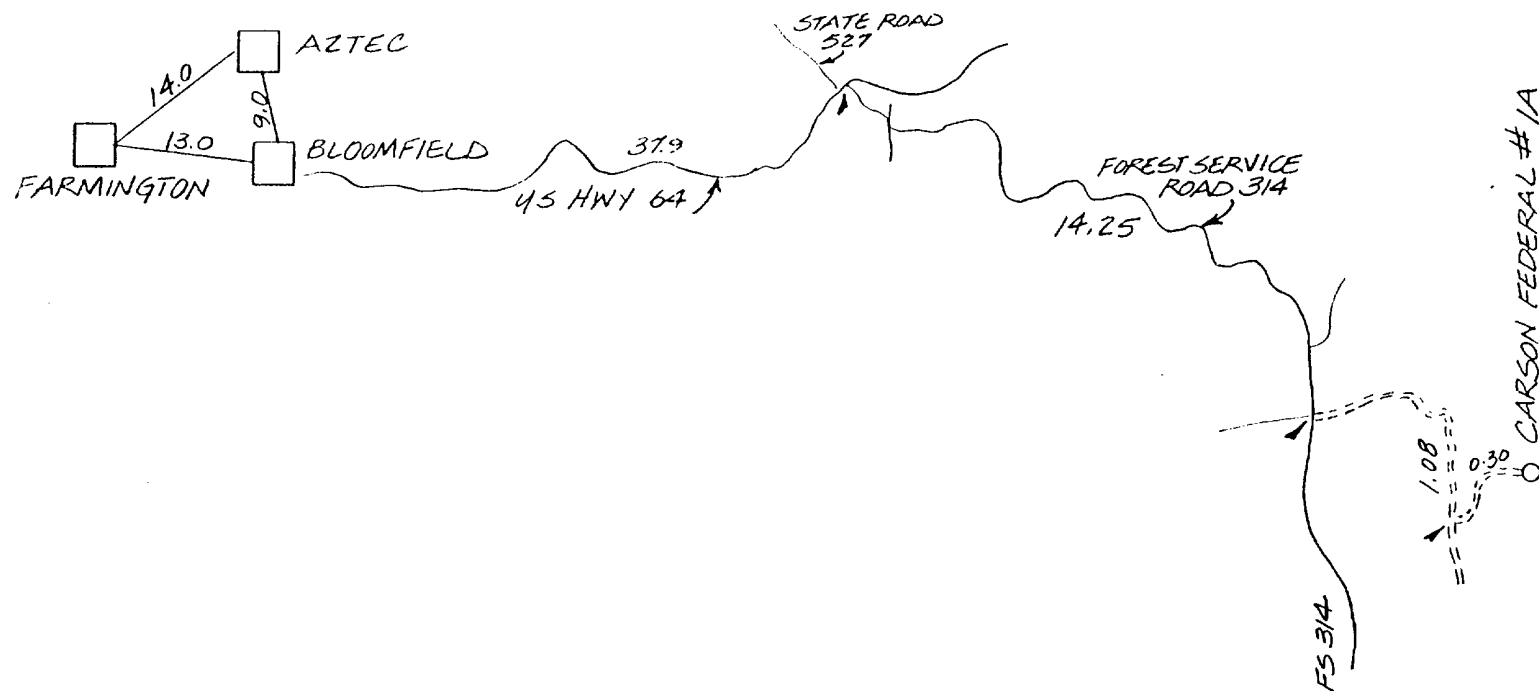
860' F/NL 1700' F/EL

SEC. 36, T28N, R4W, N.M.P.M.

RAIL POINT:

MUD POINT:

CEMENT POINT:



TABULATION OF DEVIATION TESTS

* * AMOCO PRODUCTION COMPANY * *

DEPTH	DEVIATION	DEPTH	DEVIATION
686	.75	5982	2.00
1244	1.00	6480	2.00
1737	1.50		
2354	1.00		
2916	.75		
3504	.50		
4046	1.00		
4590	.75		
5115	3.50		
5486	1.75		

RECEIVED
OCT 11 1985
OIL CON. DIV
DENVER

AFFIDAVIT

THIS IS TO CERTIFY that to the best of my knowledge, the above tabulation details the deviation tests taken on AMOCO PRODUCTION COMPANY'S:

Biscuit Federal #1

Section 36 Township 28N Range 4W

860' FNL 1700' FEL, Rio Arriba Co., New Mexico

Signed

Patricia J. Haeefe

Title

Staff Assistant

THE STATE OF COLORADO)

City and) SS.

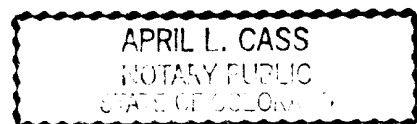
COUNTY OF DENVER)

BEFORE ME, the undersigned authority, on this day personally appeared Patricia J. Haeefe known to me to be Staff Assistant for Amoco Production Company and to be the person whose name is subscribed to the above statement, who, being by me dully sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN to before me, a Notary Public in and for said County and State, this 5th day of October, 19 85

April L. Cass
Notary Public

My Commission Expires: 4/15/92

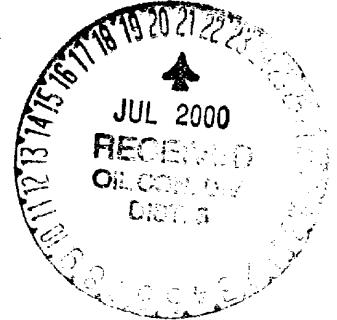




TABULATION OF DEVIATION TESTS

CROSS TIMBERS OPERATING COMPANY

Depth	Degrees
686'	3/4°
1,244'	1°
1,737'	1-1/2°
2,359'	1°
2,916'	3/4°
3,504'	1/2°
4,046'	1°
5,115'	3-1/2°
5,486'	1-3/4°
6,480'	2°



A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above survey details the deviation tests taken on CROSS TIMBERS OPERATING COMPANY'S

*Biscuit Federal #1 Section 36, T-28-N, R-4-W,
Rio Arriba County, New Mexico.*

Signed

Printed Name

Darrin Steed

Title

Operations Engineer

THE STATE OF NEW MEXICO)

) SS.

COUNTY OF SAN JUAN)

BEFORE ME, the undersigned authority, on this day personally, Darrin L. Steed, known to me to be Operations Engineer for Cross Timbers Operating Company and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN to before me, a Notary Public in and for said County and State this 19th day of July, 2000.

Notary Public

My Commission Expires:

S:\Forms\Deviation Tests

6/10/03

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

Attention:

Patty Haeefe

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-4988

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

860' FNL 1700' FEL

Sec. 36 T 28N R 4W

Unit B

5. Lease Designation and Serial No.

NM-14924

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Biscuit Federal 1

9. API Well No.

3003925539

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba

New Mexico

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Spud & set csg; TA
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MIRU spud rig. Spud a 12.25 conductor hole on 9/15/95 at 08:00 hrs. Drilled to 85'. Set 8.625 24# K-55 conductor pipe at 84'. Cement with 60 sx Class B. Cement pipe to surface. Rig released 9/15/95.

Drill a 7.875 surface hole on 9/19/95 at 22:00 hrs. Drilled to 4590'. Set 5.5 14# K-55 surface casing at 4560'. Cemented 1st stage with 220 sx Class B 50/50 poz, circulate 11 bbls to surface; 2nd stage with 480 sx Class B, circulated 30 bbls to surface. DV tool at 3460 ft. Pressure test casing to 1500 psi.

Spot balance cement plug 4795-4239 ft with 60 sx Class B neat. Top of fish at 4795 ft. Spot cement plug 4795-4200 ft with 80 sx Class B, 2% cacl2. Rig released at 00:00 hrs 10/5/95. Cement plug 360' up inside surface casing, surface casing shoe at 4560'. Mark Kelly, BLM gave verbal approval at 08:00 hrs on 10/4/95 to sidetrack this well. Also, received verbal approval to TA this well until spring. Amoco will move back on this well when the window opens in the spring (after April 1, 1995).

14. I hereby certify that the foregoing is true and correct

Signed

Patty Haeefe

Title

Staff Assistant

Date

10-06-1995

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD

Date

OCT 19 1995

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.

NMOC

FARMINGTON DISTRICT OFFICE

* See Instructions on Reverse Side

BY