

36039-23414

Form 3160-3  
(November 1983)  
(formerly 9-331C)

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR  
Amoco Production Company

3. ADDRESS OF OPERATOR  
Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 1650' FSL X 1850' FWL

At proposed prod. zone  
same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR PLACE OF LAND MANAGEMENT  
11 miles east of Counselors, New Mexico FARMINGTON RESOURCE AREA

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 1650'

16. NO. OF ACRES IN LEASE  
2071

17. NO. OF ACRES ASSIGNED  
TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 1000' N

19. PROPOSED DEPTH  
7625'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
7455' GR

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
GENERAL REQUIREMENTS

22. APPROX. DATE WORK WILL START\*  
As soon as permitted

23. PROPOSED CEMENTING PROGRAM

This action is subject to administrative  
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24# K-55	300'	315 SX Class B neat w/2% CaCl <sub>2</sub>
7-7/8"	5-1/2"	15.5# K-55	7625'	Stage 1: 300 SX Class B 50:50 poz w/100 SX Class B neat tail in. Stage 2: 750 SX Class B 65:35 poz w/100 SX Class B neat tail in

Amoco proposes to drill the above well to further develop the Gallup/Dakota formations. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design. Upon completion the well site will be cleaned and the reserve pit filled and leveled. The gas from this well is dedicated to Northwest Pipeline under Contract No. 108394.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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. Original Signature  
SIGNED \_\_\_\_\_ TITLE Administrative Supervisor DATE 4/27/84

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

NMOCC

\*See Instructions On Reverse Side

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.

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Tribal 396

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Tribal 396

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Under Gallup/Dakota Del.

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

NE/SW Sec. 8, T23N, R3W

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

All distances must be from the outer boundaries of the Section.

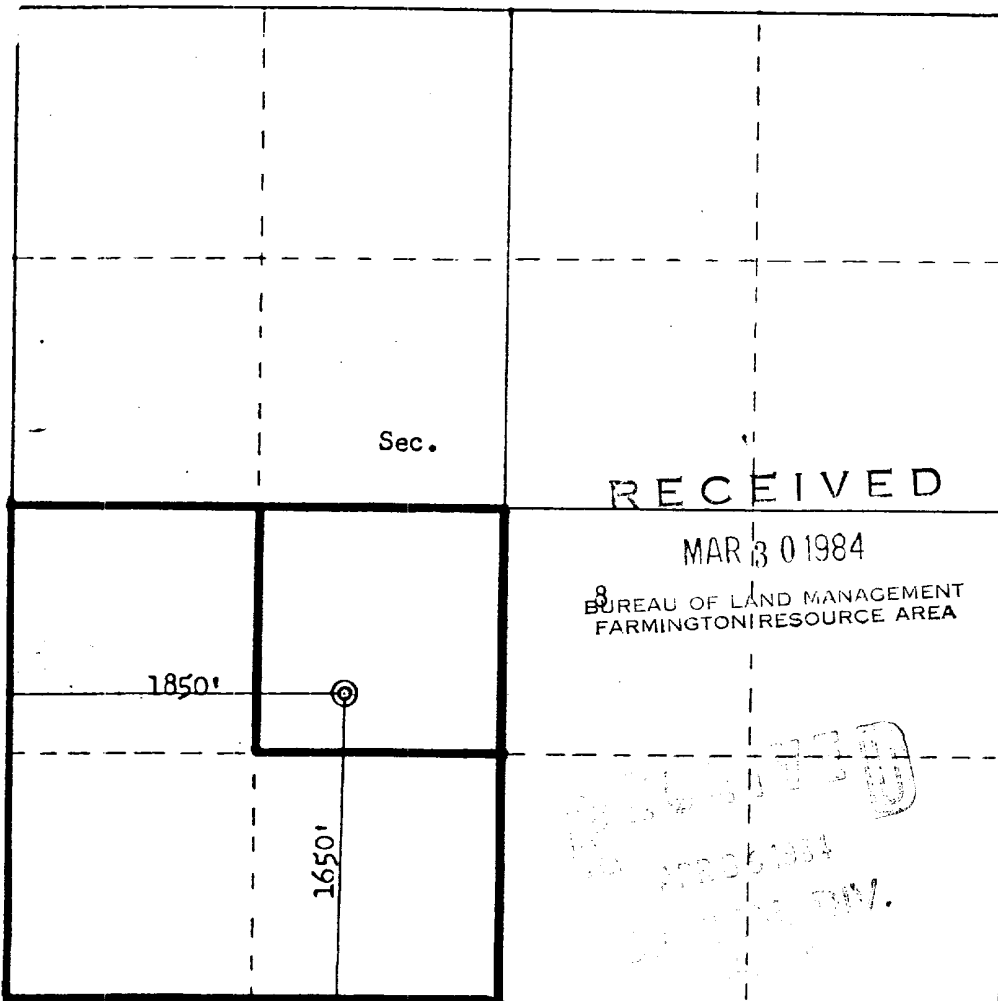
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>JICARILLA TRIBAL 396</b>		Well No. <b>5</b>
Unit Letter <b>K</b>	Section <b>8</b>	Township <b>23N</b>	Range <b>3W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1650</b> feet from the <b>South</b> line and <b>1850</b> feet from the <b>West</b> line					
Ground Level Elev: <b>7455</b>	Producing Formation <b>Gallup/Dakota</b>		Pool <b>W. Lindwith</b> <b>Unders. Gallup/Chaco Dak.</b>		Dedicated Acreage: <b>160</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION

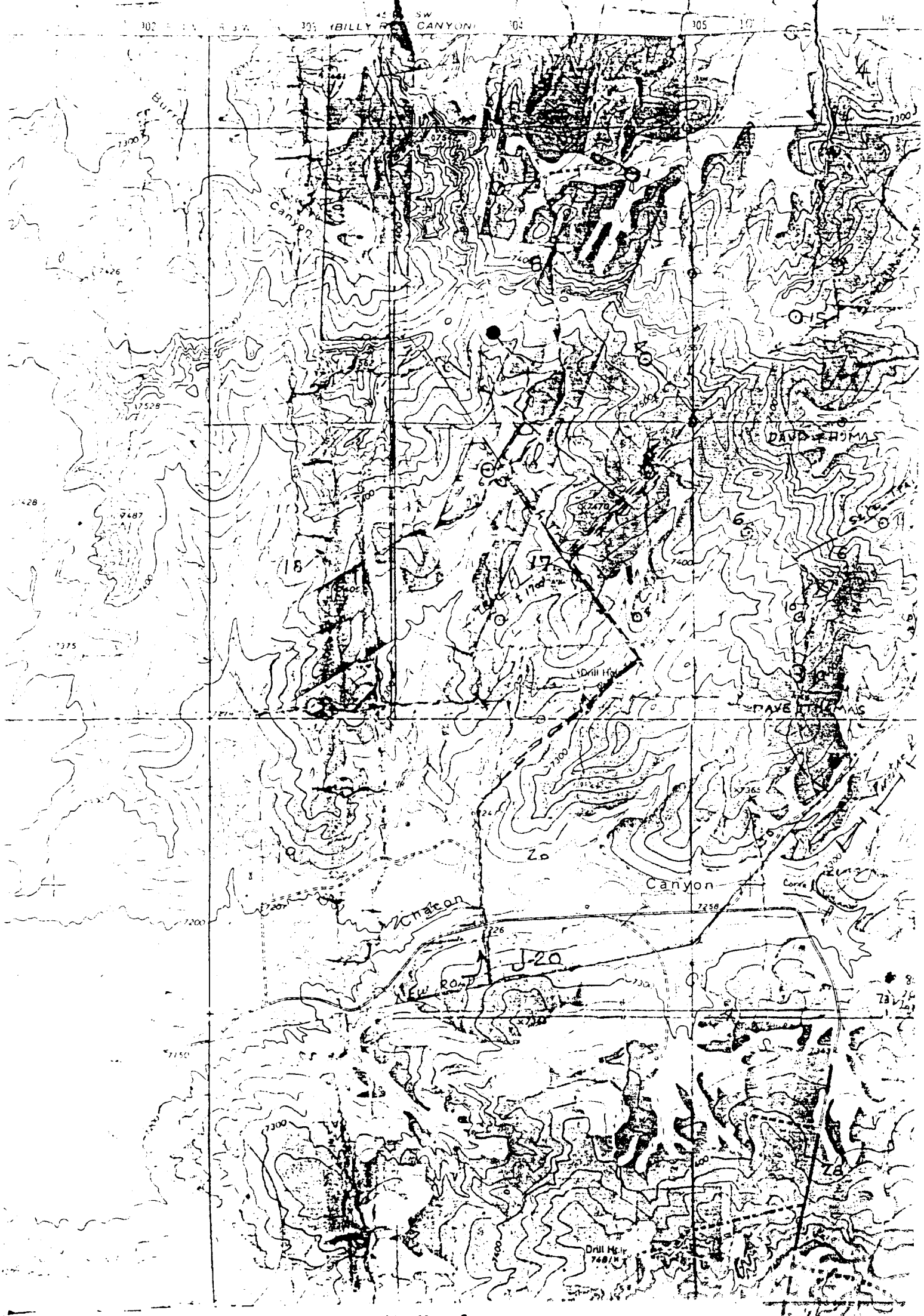
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Original Typewritten*

Name <b>B. D. Shaw</b>
Position <b>Administrative Supervisor</b>
Company <b>Amoco Production Company</b>
Date <b>3-28-84</b>

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 knowledge and belief.

Date Surveyed <b>July 1, 1984</b>
Registered Professional Engineer and Land Surveyor <b>Fred B. Kerry Jr.</b>
Certificate No. <b>3950</b>



Vicinity Map for  
AMOCO PRODUCTION COMPANY #5 JICARILLA  
1650' FSL 1850' FWL Sec. 8-T23N-R3W  
RIO ARriba COUNTY, NEW MEXICO

TRIBAL 396

OIL CON. DIV.  
DIST. 3

## TABULATION OF DEVIATION TESTS

AMOCO PRODUCTION COMPANY

DEPTH	DEVIATION
350'	1/2°
873'	1/2°
1350'	1/4°
1845'	1/4°
2340'	1/4°
2850'	1/4°
3363'	1/4°
3860'	1/4°
4852'	1/2°
5848'	1/2°
6338'	1/2°
6400'	3/4°
6895	1°
7393'	1°

A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation tests taken on AMOCO PRODUCTION COMPANY'S Jicarilla Tribal 396 No. 5, Section 8, T23N, R3W, Rio Arriba County, NM.

Signed

BDS hari

Title

Administrative Supervisor

THE STATE OF NEW MEXICO)

) SS.

COUNTY OF SAN JUAN

)

BEFORE ME, the undersigned authority, on this day personally appeared B.D. Shaw known to me to be Administrative Supervisor for Amoco Production 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 16<sup>th</sup> day of October, 1984.

Shen Z. Bradshaw  
Notary Public

My Commission Expires: June 16, 1985