

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

501 Airport Drive, Farmington, N.M. 87401

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

At surface

800' FSL x 2475' FWL

At proposed prod. zone Same

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

Approx. 19 miles South of Shiprock

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

800'

16. NO. OF ACRES IN LEASE

2560

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.

Approx. 1 1/2 miles

19. PROPOSED DEPTH

6480'

20. RECORD OF CABLE TOOL

Rotary

21. ELEVATIONS (Show whether DE, RT, GR, etc.)

5749' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

22. APPROX. DATE WORK WILL START*

As soon as permitted

23. PROPOSED Casing and Cementing Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	THIS ACTION IS SUBJECT TO ADMINISTRATIVE APPEAL PURSUANT TO 30 CFR 290.
17-1/2"	13-3/8"-Conductor	48# H-40	100'	150 sx C1 B 2% CaCl ₂
11"	8-5/8"	24# K-55	1500'	500 sx C1 B 4% gel 50:50 poz
5-1/2"	7-7/8"	14-15.5# K-55	6480'	1200 sx C1 B 6% gel 50:50 poz

Amoco proposes to drill the above well to further develop the Pennsylvania "D" reservoir.

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 El Paso Natural Gas, under contract No. 60399.

RECEIVED

APR 23 1984

1. LEAVE 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 details of planned subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

OIL CON. DIV.
DIST. 3

SIGNED

Original Signed by
D.D.

TITLE District Admin. Supvr.

DATE 02/15/84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

NSC R-5493
L2

NMOCC

APPROVED

AS AMENDED

APR 18 1984

AREA MANAGER
FARMINGTON RESOURCE AREA

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to re-drill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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

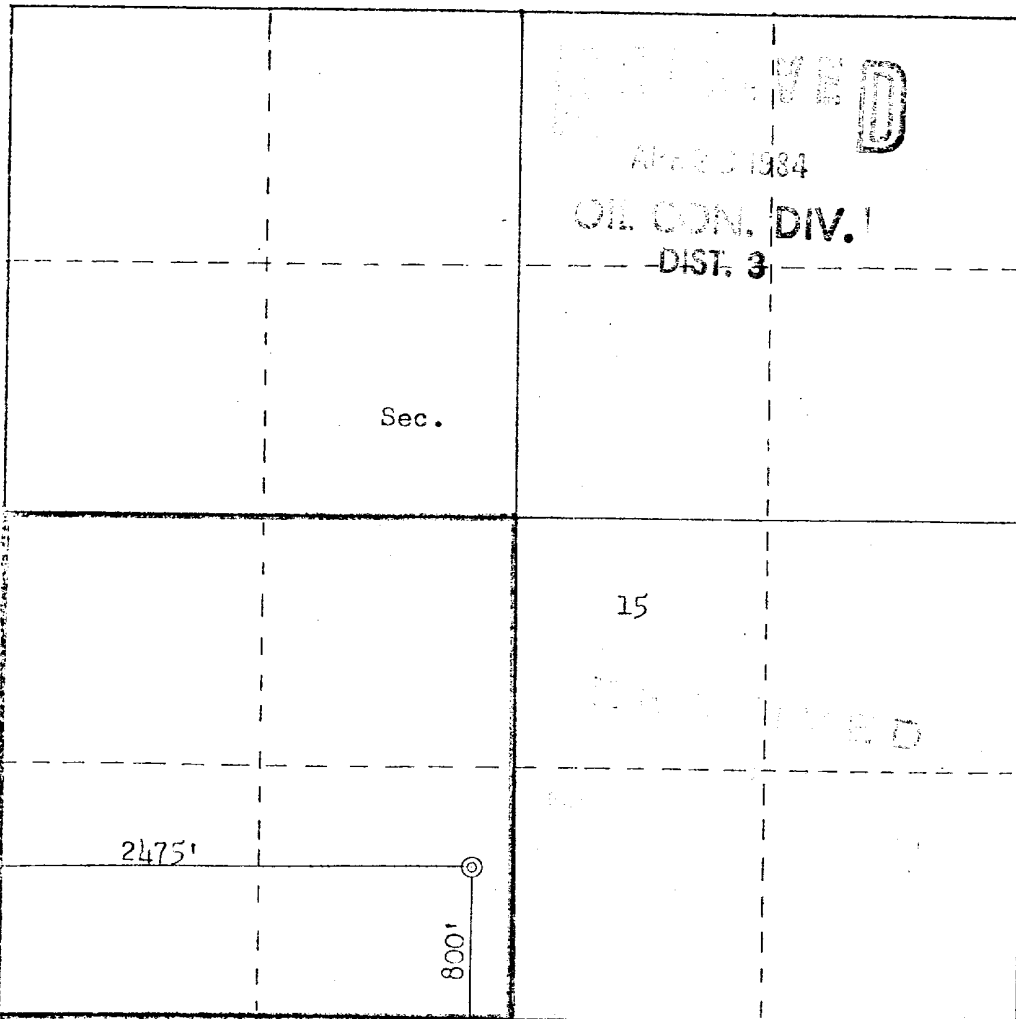
Operator AMOCO PRODUCTION COMPANY			Lease NAVAJO TRIBAL "U"		Well No. 29
Unit Letter N	Section 15	Township 26N	Range 18W	County San Juan	
Actual Footage Location of Well: 800 feet from the South line and 2475 feet from the West line					
Ground Level Elev: 5749	Producing Formation Pennsylvanian "D"		Pool Tocito Dome Pennsylvanian "D"	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.



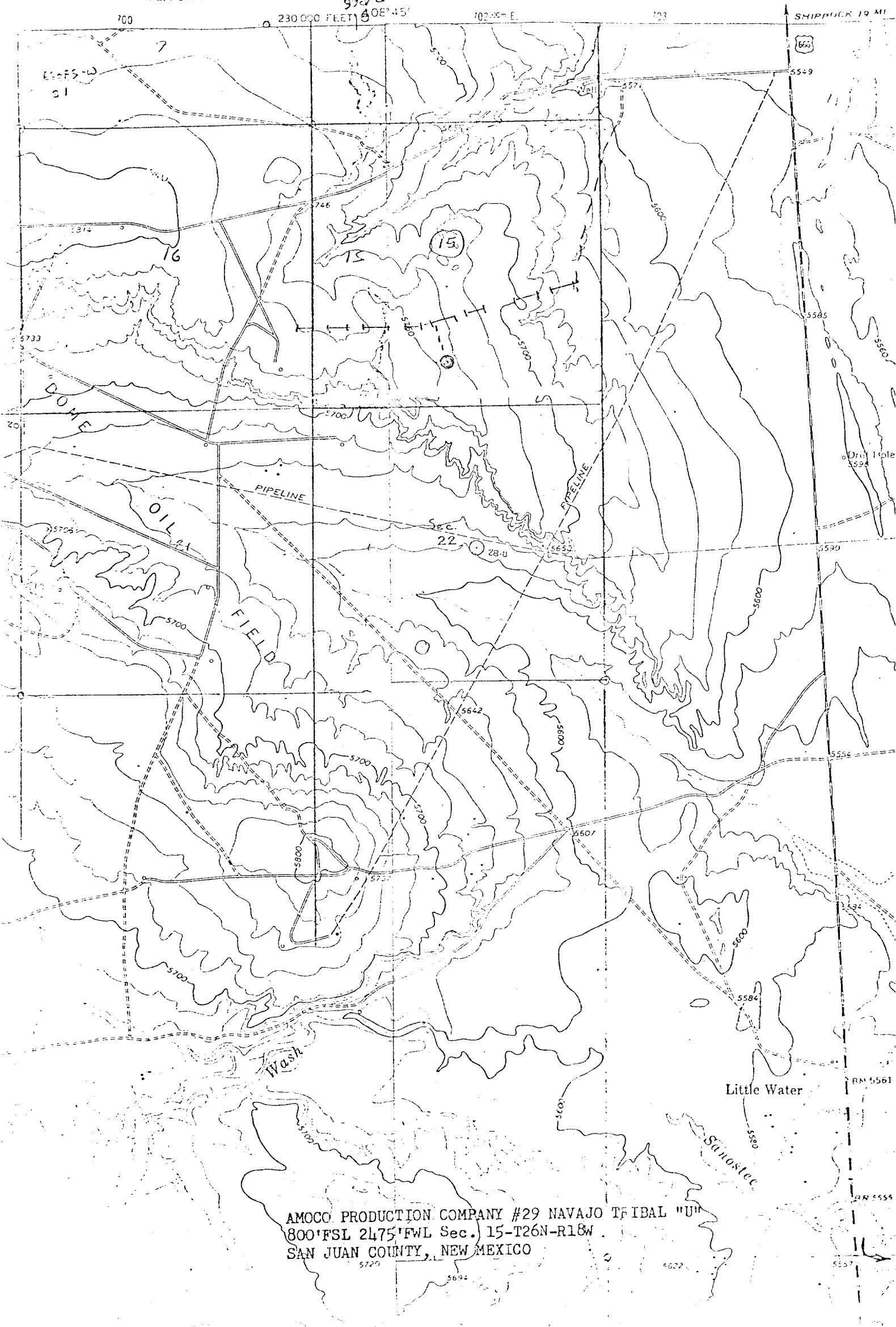
Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Darrell D. Lawson</i>	
Name	Darrell D. Lawson
Position	District Adm. Supervisor
Company	Amoco Production Company
Date	2-8-84
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	January 30, 1984
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr, Jr.</i>
Certificate No.	1000

SANOSTEE EAST QUADRANGLE
NEW MEXICO - SAN JUAN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NE 1/4 SANOSTEE 15' QUADRANGLE 1950 F.S.



AMOCO PRODUCTION COMPANY #29 NAVAJO TRIBAL "U"
800' FSL 2475' FWL Sec. 15-T26N-R18W
SAN JUAN COUNTY, NEW MEXICO