

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, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface **520' FEL & 300' FEL, Section 14, T-24-N, R-17-W**
At proposed prod. zone **Same**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
16 miles east of Treadona, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **520'**

16. NO. OF ACRES IN LEASE **2560**

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **None**

19. PROPOSED DEPTH **10,100'**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.) **5455' GL**

22. APPROX. DATE WORK WILL START*

5. LEASE DESIGNATION AND SERIAL NO. **30-045-21919**
NCO-C-14-20-5314

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo Tribal "AA"

9. WELL NO. **1**

10. FIELD AND POOL, OR WILDCAT
Wildcat Devonian

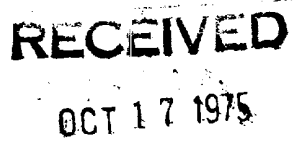
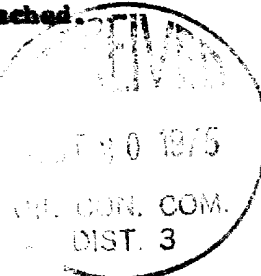
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA **A**
NE/4 NE/4 Section 14, T-24-N, R-17-W

12. COUNTY OR PARISH **San Juan** 13. STATE **New Mexico**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/4"	13-3/8"	54.5#	250'	300 sx
12-1/4"	9-5/8"	36#	4500'	500 sx
8-3/4"	5-1/2"	15.5#	10,100'	1500 sx

Amoco Production Company proposes to drill the subject well to test the Devonian formation. Intermediate casing will be set across the Morrison water zone. The well will be drilled through the Devonian formation and completion designed from open hole logs. A copy of all logs will be furnished to your office upon completion. A copy of the Location Plat is attached.



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 Signed by **H. D. MONTGOMERY** TITLE **Area Engineer** DATE **October 16, 1975**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Handwritten signatures and initials

NSL-727

*See Instructions On Reverse Side

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 redrill 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.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator Amoco Production Company			Lease Navajo Tribal "AA"		Well No. 1
Unit Letter A	Section 14	Township 24 North	Range 17 West	County San Juan	

Actual Footage Location of Well:
520 feet from the **North** line and **300** feet from the **East** line

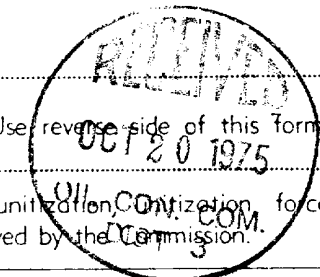
Ground Level Elev. 5455' est.	Producing Formation Devonian	Pool Wildcat	Dedicated Acreage: 40 Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to 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 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.

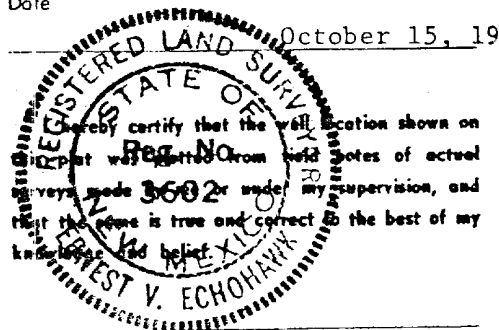


CERTIFICATION

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

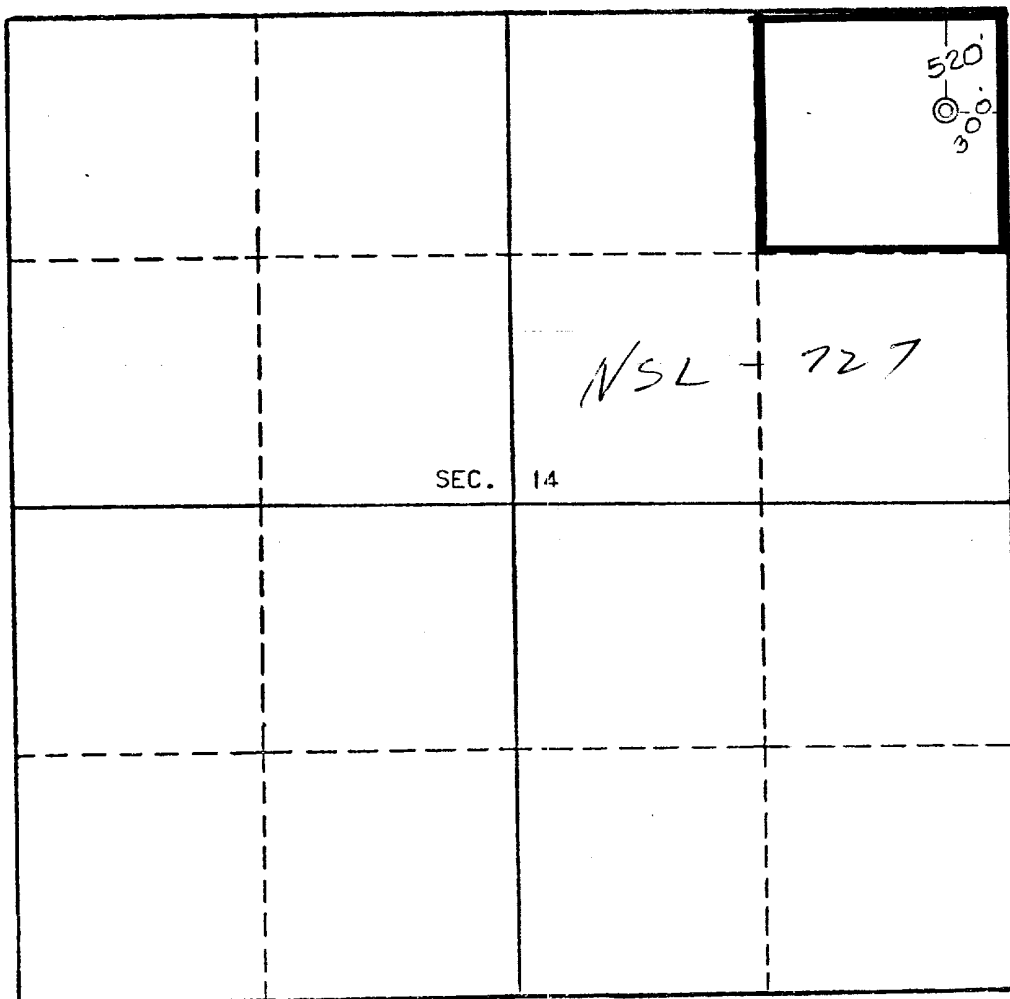
Name H. D. Montgomery
 Position Area Engineer
 Company AMOCO PRODUCTION COMPANY
 Date October 15, 1975

By E. V. Echshaw
 Registered Professional Engineer and/or Land Surveyor
 Certificate No. 3602
 State of NEW MEXICO



Date Surveyed September 10, 1975
 Registered Professional Engineer and/or Land Surveyor

E. V. Echshaw
 Certificate No. 3602
 E.V. Echshaw LS



Scale, 1 inch = 1,000 feet

500' IN NW
(LITTLE WATER)

UNITED STATES
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NEWCOMB SE QUAD

Scale 1" = 2000'

