APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

#### SUBMIT IN TRIPLICATE\*

(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-045-01476

### **UNITED STATES** DEPARTMENT OF THE INTERIOR

			<u> </u>		
5.	LEASE	DESIGNATION	AND	SERIAL	NO.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  10. TITE OF WORK    DEEPEN   PLUG BACK   NAME   NAME   TITLE		GEOL:	OGICAL SURV	EY			14-20-60	3-5034	
DRILL E DEEPEN DELOT BACK DETERMENT NAME  DETERMINED BACK DETERMINED OF STATES OF STAT	APPLICATION	N FOR PERMIT	TO DRILL, I	DEEP	EN, OR PLUG B	ACK	1		AME
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AND OF PRODUCTION COMPANY  AND OF PRODUCTION COMPANY  SOL Airport Drive, Farmington, New Herico 87401  Location of Wall. (Report location clearly and in accordance with any State requirements.)  At proposed prod. sone  Some  10. Instance in Miles and 2100, FSL, Section 15, T-26N, R-18W  At proposed prod. sone  22 miles south of Shiprock, New Mexico  10. Distance in Miles and Dimetron From Nianes town on rost office.  11. Sone Juan  New Mexic  10. Distance in Miles and Dimetron From Nianes town on rost office.  12. Country for Falls [1. State  13. Sone Juan  New Mexic  14. Distance in Miles and Dimetron From Nianes town on rost office.  15. Sone Juan  New Mexic  16. Distance in Miles and Dimetron From Nianes town on rost office.  16. Sone Juan  New Mexic  16. Sone Juan  New Mexic  17. 20. of Acres assistance  17. 20. of Acres assistance  17. 20. of Acres assistance  18. Elevations (Show whether DF, RT, GR, etc.)  18. Elevations (Show whether DF, RT, GR, etc.)  18. Elevations (Show whether DF, RT, GR, etc.)  18. Sone Juan  New Mexic  18. Distance will, Distance of the Show of the Sho			DEEPEN		PLUG BAG	.K [_]	The state of the s	NAME.	
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12 COUNT OF PARISH   13 STATE	At proposed prod. zon	***							.3,
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15. DEFANCE FROM PROPOSED   16. No. of AGRES IN LEASE   17. No. of AGRES ASSIGNED TO THIS WELL   160	22 miles	south of Shipr	ock. Kew Mex	cico			See Juan	New 3	lax1
PROPERTY OR LEASE LINE, FT.  (Also to nearest drig, until line, if any)  (S) DISTANCE FROM PROPOSED LOCATION (Called Tools)  (C) ROTANCE FROM PROPOSED LOCATION (Called Tools)  (B) DISTANCE FROM PROPOSED LOCATION (CALLED TOOLS)  (C) ROTANCE FROM TOOLS)  (C) ROTANCE TOOLS)  (C)	5. DISTANCE FROM PROPO	OSED*			O. OF ACRES IN LEASE		OF ACRES ASSIGNED	1 -10-1	-
18. DEFRANCE PROM PROPOSED LOCATION* TO NEARST WELL, DELLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, PT.   1875   6500   20. ROTARY OR CABLE TOOLS TO NEARST WELL, DELLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, PT.   1875   6500   22. APPROX. DATE WORK WILL START* APPLIED FOR, ON THIS LEASE, PT.   1974   22. APPROX. DATE WORK WILL START* APPLIED FOR, ON THIS LEASE, PT.   1974   22. APPROX. DATE WORK WILL START* APPLIED FOR APP	PROPERTY OR LEASE I	LINE, FT.	3180'	2	544.50	то т			
OR APPLIED POR, ON THIS LEASE, FT. 1875   6500   ROLETY  EL ELEVATIONS (Show whether DF, RT, GR, etc.)   22. APPROX. DATE WORK WILL START   5745   ungraded GL   April 1974    BIZE OF HOLE   SIZE OF CASING   WEIGHT PER FOOT   SETTING DEPTH   QUANTITY OF CEMENT    17-1/4"   13-3/8"   43\$   100   100 sx    12-1/4"   9-5/8"   32.3\$   1500   500 sx    9-3/4"   7"   20\$ 4 23\$   6500   200 sx    AROCO Production Company proposes to drill the subject well to test the Fennsylvanian Formation. Intermediate casing will be set across the Horrison water mome. The well will then be drilled through the Pennsylvanian and completion designed from open noise logs. A copy of all logs will be furnished to your office uses capilation. A copy of the Location Plat is attached.  N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: L' proposal is to deepen or plus back, give data on present productive sone and proposed new productive one. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout reventer program, if any.  ATTHER Area Engineer   DATE April 24, 197	8. DISTANCE FROM PROP	POSED LOCATION*		19. PF	ROPOSED DEPTH	20. ROTA	RY OR CABLE TOOLS		
PROPOSED CASING AND CEMENTING PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER POOT SETTING DEPTH QUANTITY OF CEMENT  17-1/4" 13-3/8" 42# 100' 100 sx  12-1/4" 9-5/8" 32.3# 1500' 500 ex  3-3/4" 7" 20# 4.2# 6500' 200 ex  Amoco Production Company proposes to drill the subject well to tast the Pennsylvenian Formation. Intermediate casing will be set across the Horrison water romes. The wall will then be drilled through the Pennsylvenian and completion designed from open noise logs. A copy of all logs will be furnished to your office upon completion. A copy of the Location Flat is attached.  N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive reverter program, if any.  N. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive reverter program, if any.  N. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive reverter program, if any.  N. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive reverter program, if any.  N. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new zone zone zone zone zone zone zone zone			1875'	6	<b>50</b> 01		Rota	ry	
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SIZE OF HOLE  SIZE OF CASING  SIZE OF CASING  17-1/4"  13-3/8"  48\$  100'  100 sx  12-1/4"  9-5/8"  20\$ 4 23\$  6500'  200 sx  Amoco Production Company proposes to drill the subject well to test the Pennsylvanian Formation. Intermediate casing will be set across the Horrison water means. The well will then be drilled through the Pennsylvanian and completion designed from open hole logs. A copy of all logs will be furnished to your office unparties. A copy of the location Plat is attached.  NAROVE SPACE DESCRIBE PROPOSID PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive one. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout reventer program, if any.  TITLE Area Engineer DATE April 24, 197	•	aded GL					April 1	974	
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ABOCO Production Company proposes to drill the subject well to test the Fenneylvanian Formation. Intermediate casing will be set across the Horrison water mone. The well will then be drilled through the Pennsylvanian and completion designed from open nole legs. A copy of all logs will be furnished to your office upon camplation. A copy of the location Plat is attached.  N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: L' proposal is to deepen or plug back, give data on present productive zone and proposed new productive once. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout reventer program, if any.  H. Area Engineer DATE April 24, 197			32.36	}	1500*		500 ex		
Formation. Intermediate casing will be set across the Horrison veter some. The well will then be drilled through the Pennsylvanian 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.  U. S. G. C.		7**	20# € 23	i#	65001		200 ax		
signed	Formation.  well will the nole logs.  copy of the  N ABOVE SPACE DESCRIBE one. If proposal is to	Intermediate Comments of the drilled	asing will be through the logs will be a stached.	Penna fur	t acress the Mosylvanian and calished to your	rrison office office	ion designed  unon complete  UNITED  APR  25 EIA  OIL OIST. 3  ductive zone and propo	The from ope 1 on . A	uctive
SIGNED TITLE DATE	24.	···							
	SIGNED		ті	TLE	Area Engineer		DATEAp	ril 24,	197
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# 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 and practices.

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.

State or Federal office for specific instructions, requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions, location is required 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.

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

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

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-711-398

## NEW MEXICO OIL CODSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section Well No. Lease Operator Navajo Tribal "U" 24 AMOCO PRODUCTION COMPANY County Township Unit Letter Section San Juan 18 West 26 North Actual Footage Location of Well: West South feet from the line 2100 line and feet from the Dedicated Acreage: Pool Ground Level Elev. Producing Formation Tocito Dome 160 Penn. Acres 5745 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? If answer is "yes," type of consolidation \_\_ Yes 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. CERTIFICATION I hereby certify that the information contained herein is true and complete to the J. Arnold Snell Position Area Engineer Company AMOCO PRODUCTION COMPANY April 24, 1974 LAND LAND Sec. 15 I hereby cortify that the well-location shopp on this plat was plotted from field pt action centified a made by me or 2100 Date Surveyed April 23, 1974 Registered Professional Engineer and/or Land Surveyor

1000

2310

1980

1320 1650

330

2640

2000

1500

500

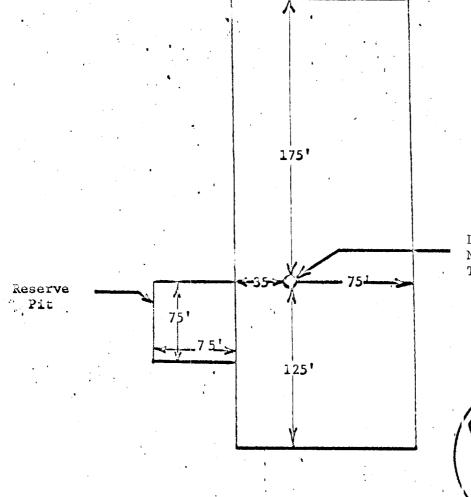
### DEVELOPMENT PLAN FOR SURFACE USE NAVAJO TRIBAL "U" NO. 24 SAN JUAN COUNTY, NEW MEXICO

Amoco Production Company proposes to drill the subject well with rotary tools on a graded location as shown on the attachments. The location is in accordance with NMOCC Order R-2758. Established roads exist in the area and only 1500 feet of new road will need to be constructed. Archeological clearance to drill this well will be obtained from the proper authorities. Clearance to perform work on this location has been obtained from the Navajo Tribe.

No airstrips or field camps will be built and none exist nearby. There are no trees in the area and therefore no timber damage will result. Vegetation in the area is extremely sparse and consists primarily of tumbleweed. As the well is located in the middle of an active oil field, Amoco has previously completed a water source well. All water for drilling operations will come from this well. Upon completion of the subject well the location will be thoroughly cleaned and the reserve pit backfilled. If the well is productive the flowline for this well will be laid in the same ditch with the previously planned flowline from Navajo Tribal "U" Well No. 19. The electric power line will be constructed from a point approximately 150 feet northwest of Navajo Tribal "U" Well No. 5 in a northeasterly direction to Navajo Tribal "U" Well No. 24.







Drill Site NW/4 SW/4 Section 15, T-26-N, R-18-W

APR 25 1974
OIL CON. CON.

Amoco Production Company	scale: None	
DRILLING LOCATION DIAGRAM NAVAJO TRIBAL "U" WELL NO. 24, TOCITO DOME FIELD	ong. 74-JWC-04-24	

