

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 **1610' FSL & 840' FSL**
At proposed prod. zone **Same**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
17 miles northwest of Cuba, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **840'**

16. NO. OF ACRES IN LEASE **2546**

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. **2176'**

19. PROPOSED DEPTH **2950'**

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7326' ungraded CL

22. APPROX. DATE WORK WILL START*
June 1973

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Tribal 358

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla Tribal 358

9. WELL NO.
19

10. FIELD AND POOL, OR WILDCAT
Ballard Pictured Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW/4 SE/4 Section 8, T-22-N, R-2-W

12. COUNTY OR PARISH
Sandoval

13. STATE
New Mexico

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	200'	175 ex.
7-7/8"	4-1/2"	9.5#	2950'	600 ex.

Well to be drilled to test the Pictured Cliffs Formation.
Completion interval and stimulation will be determined after review of open hole logs.
Copy of Location Plat, Development Plan and location sketch are attached.
Copies of logs will be sent upon completion of the well.

Archaeological approval has been obtained.

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 depths. Give blowout preventer program, if any.

24. SIGNED J. A. [Signature] TITLE Area Engineer DATE June 8, 1973

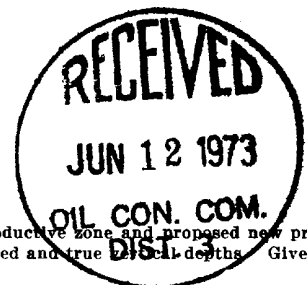
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*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.

WELL LOCATION AND DEDICATION PLAT

All Distances must be from the center boundaries of the Section

Operator AMOCO Production Company		Lease Jicarilla Tribal 358		Well No. 10
Section 8	Township 22 North	Range 2 West	County Sandoval	
Location of Well: feet from the South line and 1610 feet from the East line				
Producing Formation Pictured Cliffs	Pool Ballard Pictured Cliffs	Dedicated Acreage: 160 <i>EXT</i> <i>NS</i> Acres		

Outline acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

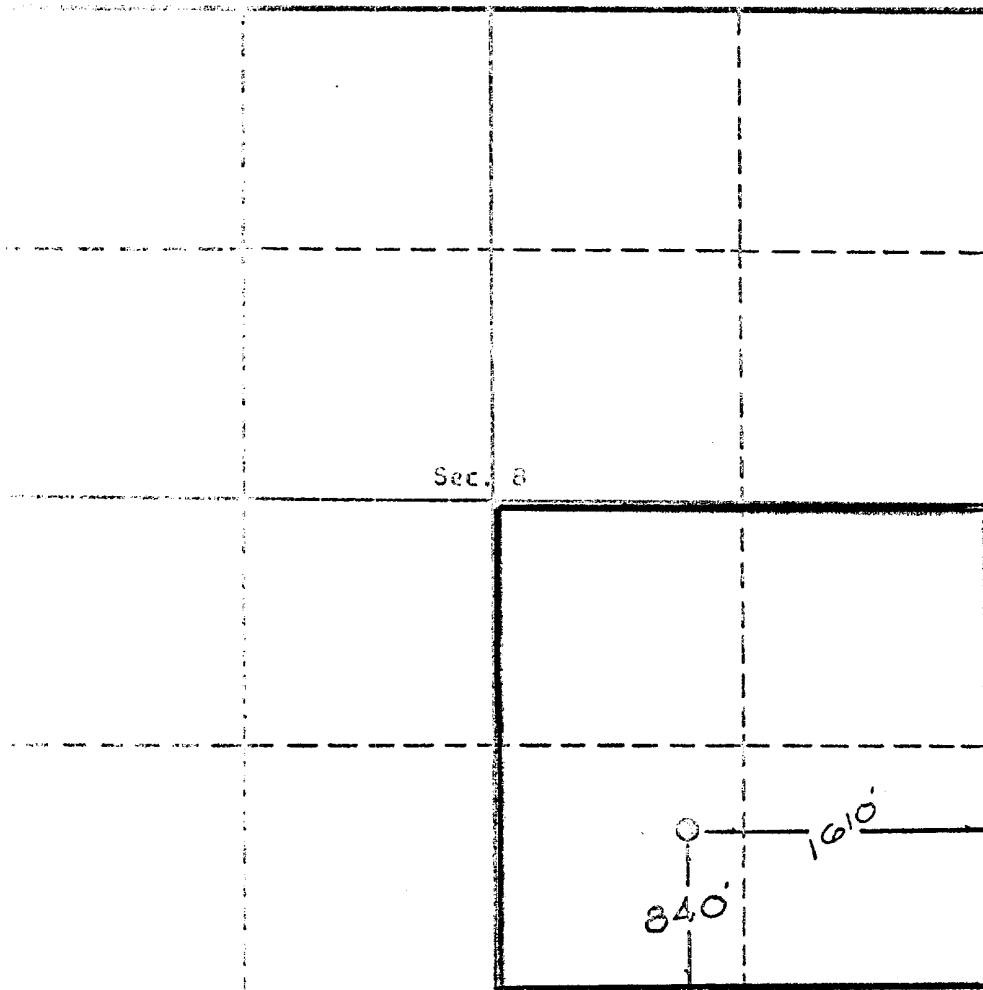
If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 additional 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 inch = 1,000 feet

CERTIFICATION

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

J. Arnold Snell
Name

J. Arnold Snell
Position

Area Engineer
Company

AMOCO PRODUCTION COMPANY
Date

June 8, 1973

June 8, 1973

June 8, 1973

I hereby certify that the location shown on this plat was plotted from the 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.

REGISTERED LAND SURVEYOR

Date Surveyed

May 30, 1973

Registered Professional Engineer and/or Land Surveyor

E. V. Echorn

Certificate No. 360 E. V. Echorn LS

DEVELOPMENT PLAN
JICARILLA TRIBAL 358 NO. 10

The proposed location is in an area of current drilling development. Only 1.0 mile of road construction is needed. Neither the road nor the location will be in timber. Approval for surface work will be obtained from the Jicarilla Apache Tribe.

There are no camps or airstrips nearby. Arrangements have been made to truck water from Largo Canyon, a distance of 42.0 miles. Upon completion of the well the location will be cleaned, leveled, and the reserve pits backfilled. The attached sketches show in detail the location of the proposed well.

RECEIVED
JAN 10 1973
JICARILLA TRIBAL

RECEIVED
JAN 10 1973
JICARILLA TRIBAL

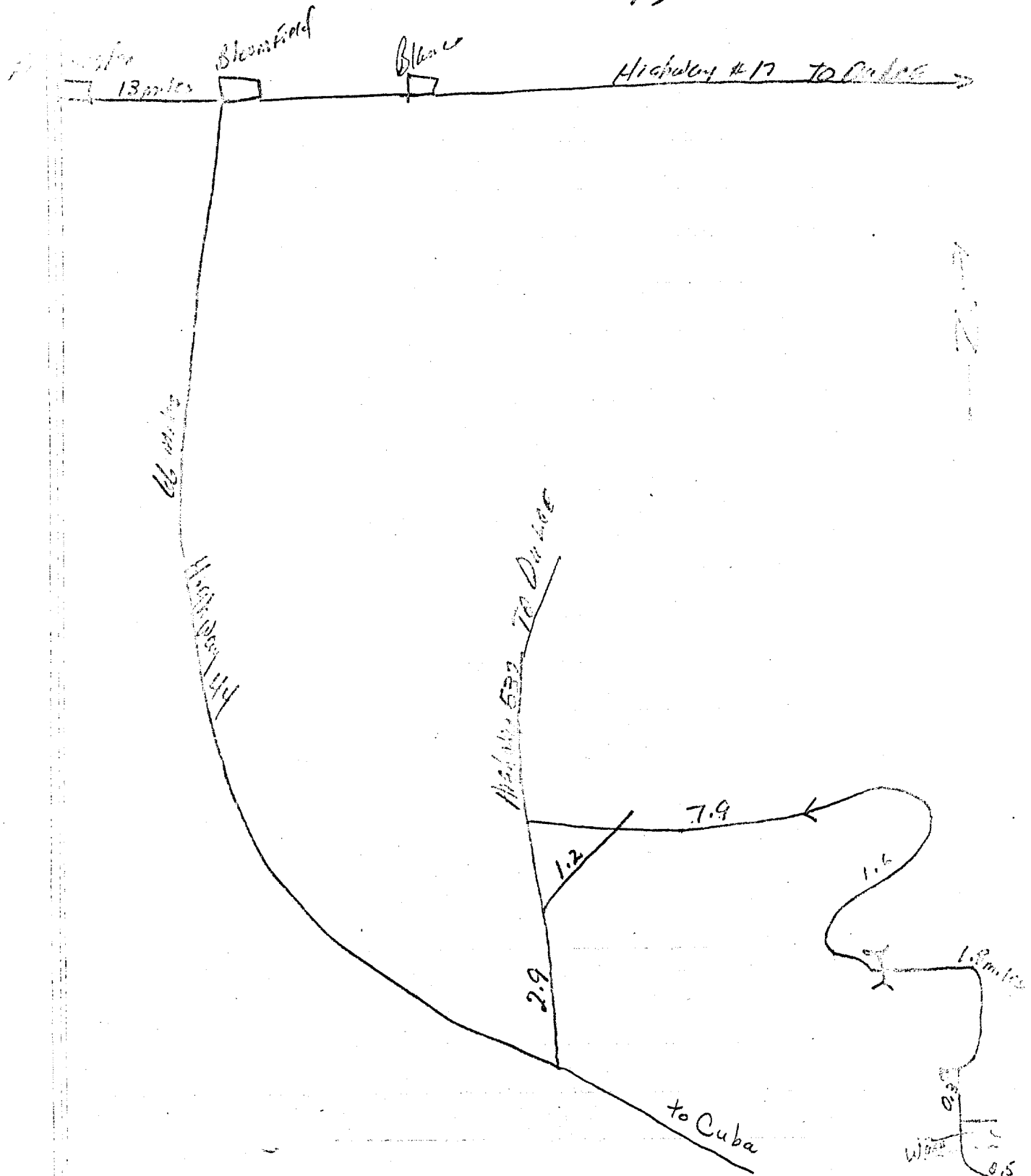
LOCATION SKETCH

Jicarilla Tribal 358 #10

1610 FEL, 840 FSL

Sec. 8, T-22-N, R-2-W

Sandoval County, New Mexico



Jicarilla Tribal 358 No. 10

1610' FEL x 840' FSL

Section 8, T. 22-N, R. 2-W

Sandoval County, New Mexico

