

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-043-20123

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Tribal 369
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Jicarilla Tribal 369
9. WELL NO.
2
10. FIELD AND POOL, OR WILDCAT
Under Pictured Cliffs
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NE/4 NE/4 Section 16, T-22-N, R-2-W
12. COUNTY OR PARISH
Sandoval
13. STATE
New Mexico

1a. TYPE OF WORK	DRILL ☒	DEEPEN ☐	PLUG BACK ☐
b. TYPE OF WELL	OIL WELL ☐	GAS WELL ☒	OTHER ☐
2. NAME OF OPERATOR	AMOCO PRODUCTION COMPANY		
3. ADDRESS OF OPERATOR	301 Airport Drive, Farmington, New Mexico 87401		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*	At surface 930' FWL & 1630' FWL At proposed prod. zone Same		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*	12 miles northwest from Cuba, New Mexico		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)	930'	16. NO. OF ACRES IN LEASE	2400 approx.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	2100'	19. PROPOSED DEPTH	2850'
21. ELEVATIONS (Show whether DF, RT, GR, etc.)	7399 GIL EST		
22. APPROX. DATE WORK WILL START*	July 1973		

23. PROPOSED CASING AND CEMENTING PROGRAM

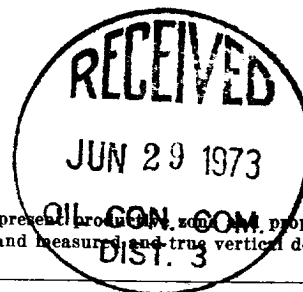
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24 lb.	200'	175 ex
7-7/8"	4-1/2"	9.5 lb.	2850'	500 ex

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.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production 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
SIGNED J. ARTHUR SNELL TITLE Area Engineer DATE June 27, 1973
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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 ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator Amoco Production Company			Lease Jicarilla Tribal 369		Well No. 2
Unit Letter 8	Section 16	Township 22 North	Range 2 West	County Sandoval	
Actual Footage Location of Well: 930 feet from the North line and 1630 feet from the East line					
Ground Level Elev. 7399	Producing Formation Pictured Cliffs		Pool Ballard Pictured Cliffs	Dedicated Acreage: 160 ^{ms} Acres	

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

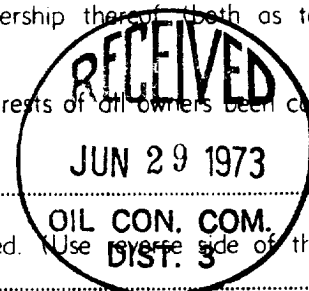
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, 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 communization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

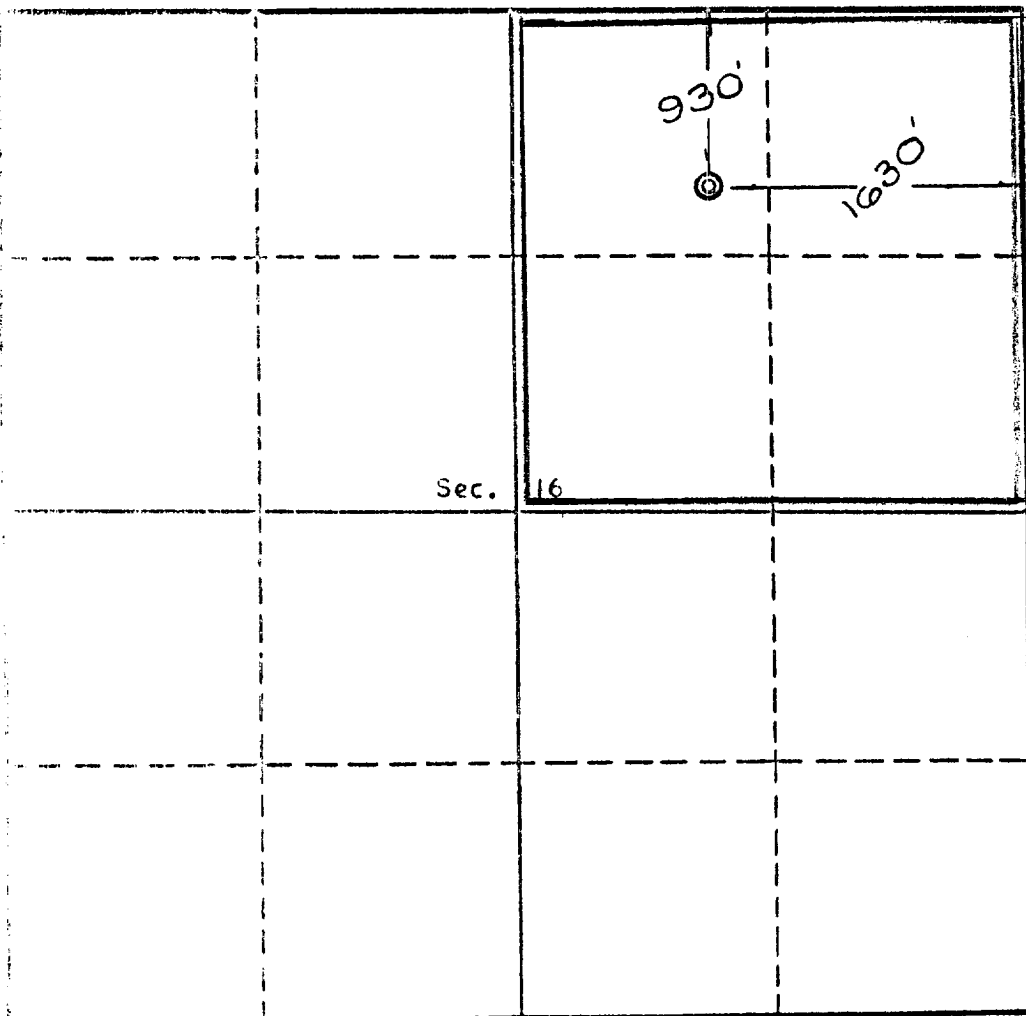
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name J. Arnold Snell
 Position Area Engineer
 Company AMOCO PRODUCTION COMPANY
 Date June 27, 1973

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 June 26, 1973
 Registered Professional Engineer
 and/or Land Surveyor

E. V. Echhawk
 Certificate No. 3602
 E. V. Echhawk LS



Scale, 1 inch = 1,000 feet