

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

940' FWL & 1680' FSL

At proposed prod. zone

Same

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

16 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)

9000'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1760'

16. NO. OF ACRES IN LEASE

2546'

19. PROPOSED DEPTH

2950

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

Will report later

22. APPROX. DATE WORK WILL START*

June 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#	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.



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

SIGNED

J. A. WILSON

TITLE

Area Engineer

DATE

June 1, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

JUN 5 1973

U. S. GEOLOGICAL SURVEY
DENVER, COLO.

*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.

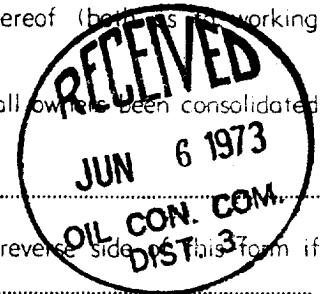
Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

WELL LOCATION AND AVERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator Amoco Production Company			Lease Jicarilla Tribal 358		Well No 7
Quarter L	Section 5	Township 22 North	Range 2 West	County Sandoval	
Actual Location of Well: 1000 feet from the South line and 940 feet from the West line Producing Formation Pictured Cliffs Pool Ballard Pictured Cliffs EXT 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 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.



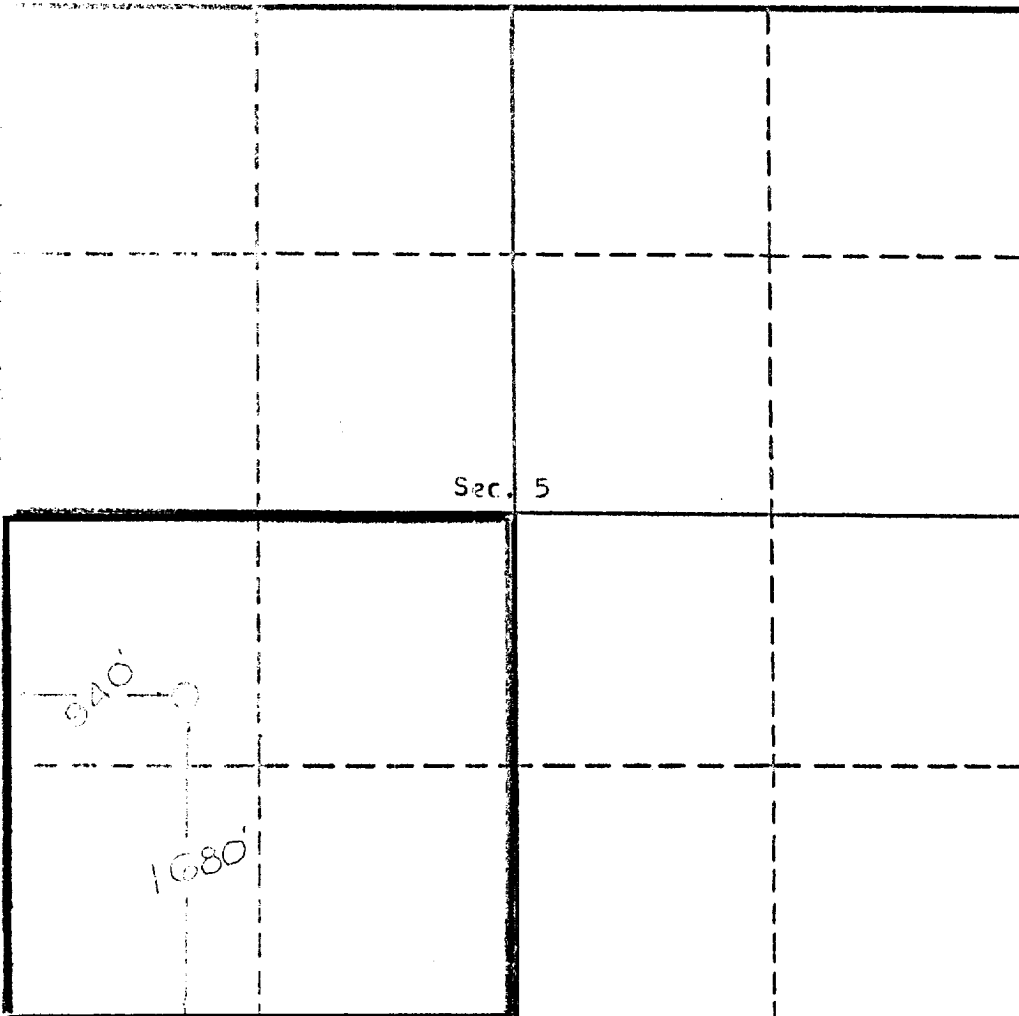
CERTIFICATION

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

J. Arnold Snell
 Name
 J. Arnold Snell
 Position
 Area Engineer
 Company
 AMOCO PRODUCTION COMPANY
 Date
 June 1, 1973

E. V. Echohawk
 I hereby certify that the well location shown on this plat was plotted from notes of actual surveys made under my supervision, and that the same is true and correct to the best of my knowledge and belief.

May 28, 1973
 Date Surveyed (M.S.)
 Registered Professional Engineer
 and/or Land Surveyor
E. V. Echohawk
 Certificate No. 3602
 E. V. Echohawk LS



Scale, 1 inch = 1,000 feet

DEVELOPMENT PLAN
JICARILLA TRIBAL 358 NO. 7

The proposed location is in an area of previous drilling development. Only 0.4 mile of new road construction is needed. Road will not be in timber. Approval for surface work will be obtained from the Jicarilla Apache Tribe.

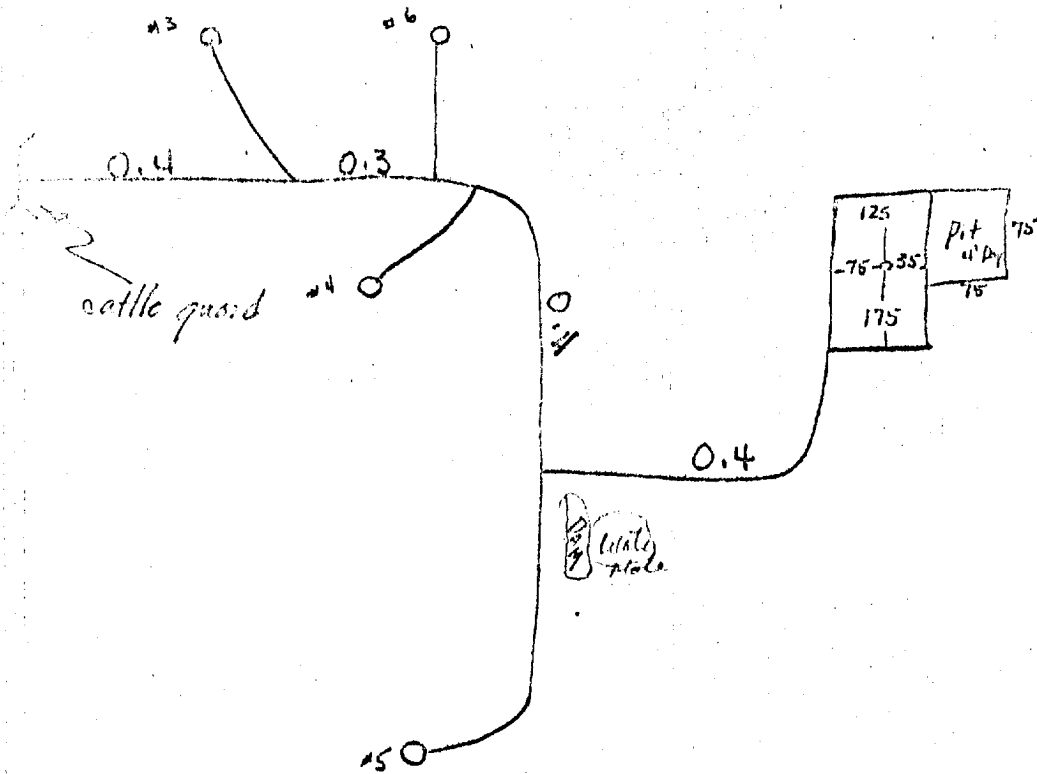
There are no burial grounds

There are no camps, or airstrips nearby. Arrangements have been made to truck water from Largo Canyon, a distance of 39.1 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.

Jicarilla TRIBAL 35847

940' FWL, 1680' FSL

SECTION 5. TOWN 22- RGE 2



LOCATION SKETCH

Jicarilla TRIBAL 358 #7

940' FWL, 1680' FSL

SECTION 5, Twp 22, Rge 2 W

