

30-043-20106

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

1790' FWL &amp; 1190' FWL, Section 6, T-22-N, R-2-W

At proposed prod. zone

Same

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

15 miles northwest of Cuba, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

850'

## 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.

2647'

## 19. PROPOSED DEPTH

2900'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

To be determined and reported later

## 22. APPROX. DATE WORK WILL START\*

May 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"         | 23#             | 200'          | 200 sx (to surface) |
| 6-3/4"       | 4-1/2"         | 9.5#            | 2900'         | 500 sx              |

Well will be drilled to test the Pictured Cliffs formation.  
Completion interval and stimulation will be determined after a review of open hole logs.  
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 J. ANTONIO GARCIA TITLE Area Engineer DATE April 27, 1973

SIGNED \_\_\_\_\_  
(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.

# NEW MEXICO OIL AND GAS COMMISSION

## WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

|                                                                                                                                |                                               |                                        |                                        |                           |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------|----------------------------------------|---------------------------|
| Operator<br><u>Amoco Production Company</u>                                                                                    |                                               | Lease<br><u>Jicarilla Tribal 358</u>   |                                        | Well No.<br><u>3</u>      |
| Unit Letter<br><u>E</u>                                                                                                        | Section<br><u>6</u>                           | Township<br><u>22 North</u>            | Range<br><u>2 West</u>                 | County<br><u>Sandoval</u> |
| Actual Footage Location of Well:<br><u>1790</u> feet from the <u>North</u> line and <u>1190</u> feet from the <u>West</u> line |                                               |                                        |                                        |                           |
| Ground Level Elev.<br><u>Report later</u>                                                                                      | Producing Formation<br><u>Pictured Cliffs</u> | Pool<br><u>Ballard Pictured Cliffs</u> | Dedicated Acreage:<br><u>160</u> Acres |                           |

- Outline the 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 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.

Name J. Arnold Snell

Position Area Engineer

Company AMOCO PRODUCTION COMPANY

Date April 27, 1973

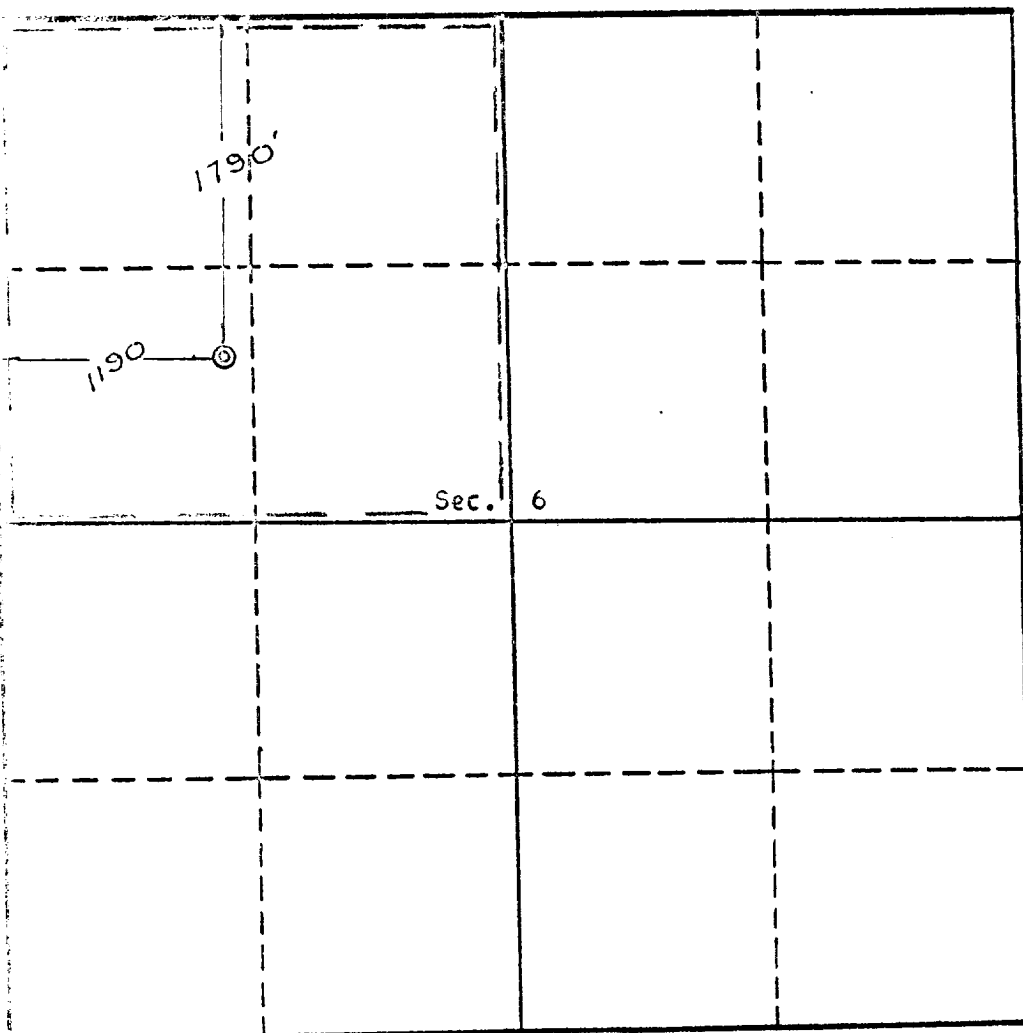
I hereby certify that the location shown on this plat was plotted from the notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed April 23, 1973

Registered Professional Engineer and/or Land Surveyor

E. V. Echonhawk

Certificate No. 3602  
E. V. Echonhawk LS



Scale, 1 inch = 1,000 feet