

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21014

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 **930' PNL & 1700' FEL, Section 15, T-29N, R-9W**
 At proposed prod. zone **Same**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
4 miles east of Blanco, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **930'**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **80'**

16. NO. OF ACRES IN LEASE **304.97**

17. NO. OF ACRES ASSIGNED TO THIS WELL **160 153.32**

19. PROPOSED DEPTH **2500'**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5925' GL ungraded

22. APPROX. DATE WORK WILL START*
September, 1972

5. LEASE DESIGNATION AND SERIAL NO.
ST 078132

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
A. L. Elliott "C"

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
Blanco Pictured Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW/4 NE/4 Section 15, T-29-N, R-9-W

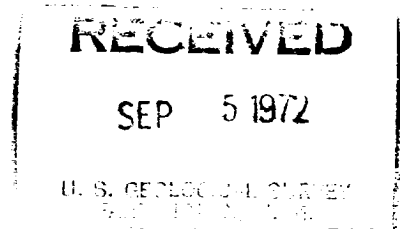
12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

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'	200 sx (circ. to surface)
7-7/8"	4-1/2"	9.5#	2500'	600 sx (Circ. to surface)

Amoco proposes to drill the above referenced well to 2500' with rotary tools. Drilling mud will be used. Casing will be set thru the Pictured Cliffs after reaching TD. Completion procedure including stimulation will be based on log analysis. A diagram of the location and the acreage dedication plat are attached. A copy of all logs will be sent to your office on completion.



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 [Signature]
 SIGNED _____ TITLE Area Engineer DATE September 1, 1972

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] 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.



NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the section

Operator AMOCO PRODUCTION COMPANY			Lessee A. L. ECHOLS "D"		Well No. -
Unit Letter	Section	Township	Range	County	
	15	29 North	9 West	San Juan	
Approximate Location of Well:					
930	feet from the	North	line and	1700	feet from the
Ground Level Elev.		Producing Formation	Pool	Dedicated Acreage	
5000 ft.		Pictured Cliffs	Blanco Pictured Cliffs	153.32	

1. Outline the acreage dedicated to the subject well by colored pencil or machine marks on the plat below. (1952 Resurvey)

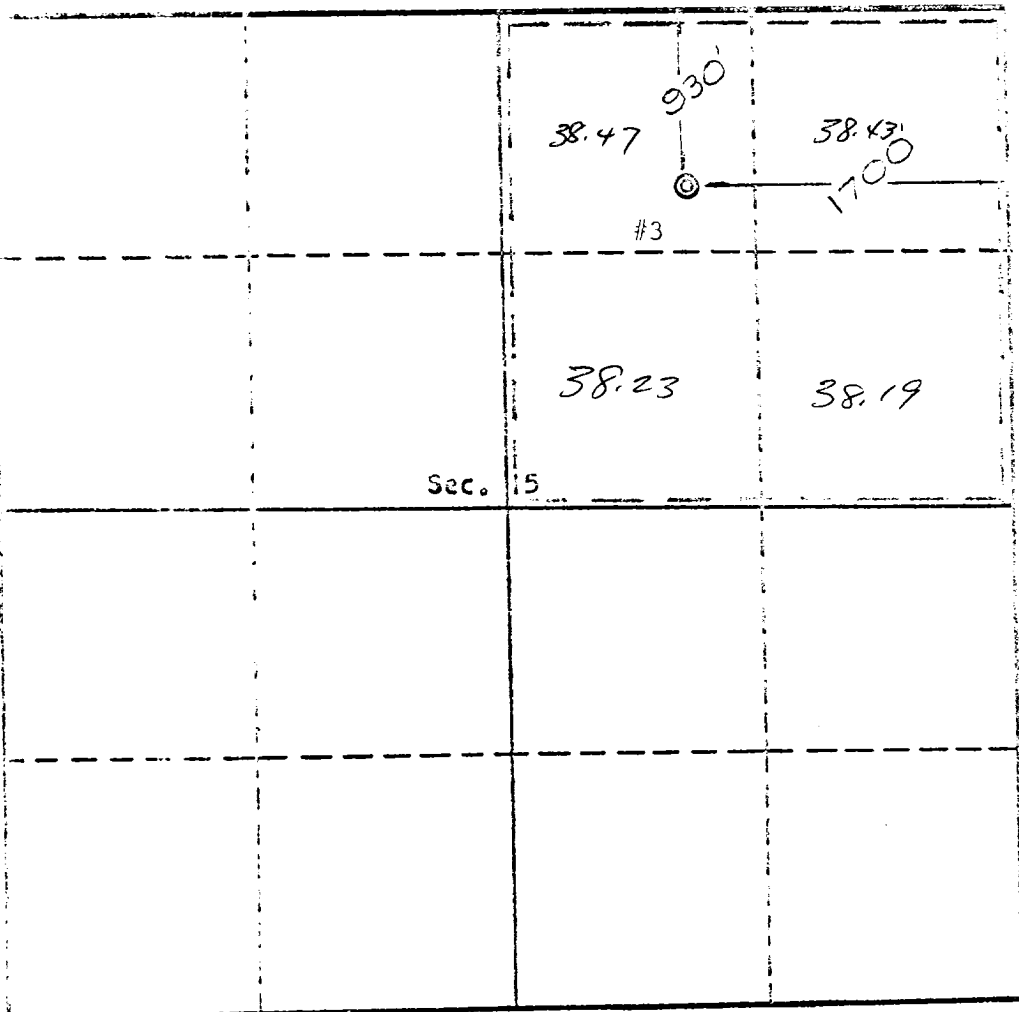
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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?

4. 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 plat if necessary).

No acreage will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-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.

Name J. Arnold Snell
Position Area Engineer
Company AMOCO PRODUCTION COMPANY
Date September 1, 1972

(Professional Engineer Seal)
Date Surveyed August 2, 1972
Registered Professional Engineer
and/or Land Surveyor

Certificate No. 2007
E. V. ECHOLS "D"