

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-643-30720

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 790' FSL x 990' FWL
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 20 miles South of Lindrith

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 790'

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7330'

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8"	24#, K-55	300'
7-7/8"	5-1/2"	15.5#, K-55	7305'

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.
 12
 10. FIELD AND HOOD, OR WILDCAT
 W. Lindrith Gal Wk ext
 Chacon Dak./Undes. Gallup
 11. SEC., T., R., S., OR BLK. AND SURVEY OR AREA
 M
 SW/SW, Sec. 6, T22N-R2W
 12. COUNTY OR PARISH
 Sandoval
 13. STATE
 New Mexico

16. NO. OF ACRES IN LEASE
 2546

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160

20. ROTARY OR CABLE TOOLS
 Rotary

22. APPROX. DATE WORK WILL START*
 As soon as permitted.

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO THE REGULATIONS WITH ATTACHED "GENERAL REQUIREMENTS"

This action is subject to administrative appeal pursuant to 30 CFR 290.

QUANTITY OF CEMENT
 300 SX Class B w/2% CaCl2.
 910 SX Class B 65:35 POZ tailed in w/ 100 SX Class B Neat.

The subject well will be drilled to further develop the Dakota/Gallup reservoirs. The well will be drilled from 0-300' using native spud mud. The well will then be drilled from 300' to TD using a low solids non-dispersed mud system. Completion design will be based on open hole log. Copies of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed. Upon completion the well site will be cleaned and the reserve pit filled and leveled.

The production from this well is dedicated to Northwest Pipeline Company under Contract 108394

RECEIVED
 JUN 01 1984

OIL CON. DIV.
 DIST. 3

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 bearings and true vertical depths. Give blowout prevention program, if any.

24. Original Signed By
 SIGNED D.D. Lawson TITLE Dist. Adm. Supervisor DATE February 14, 1984

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
 AS AMENDED
 MAY 30 1984
 John Hucker
 AREA MANAGER
 FARMINGTON RESOURCE AREA

JLW

NMOCC

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.

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

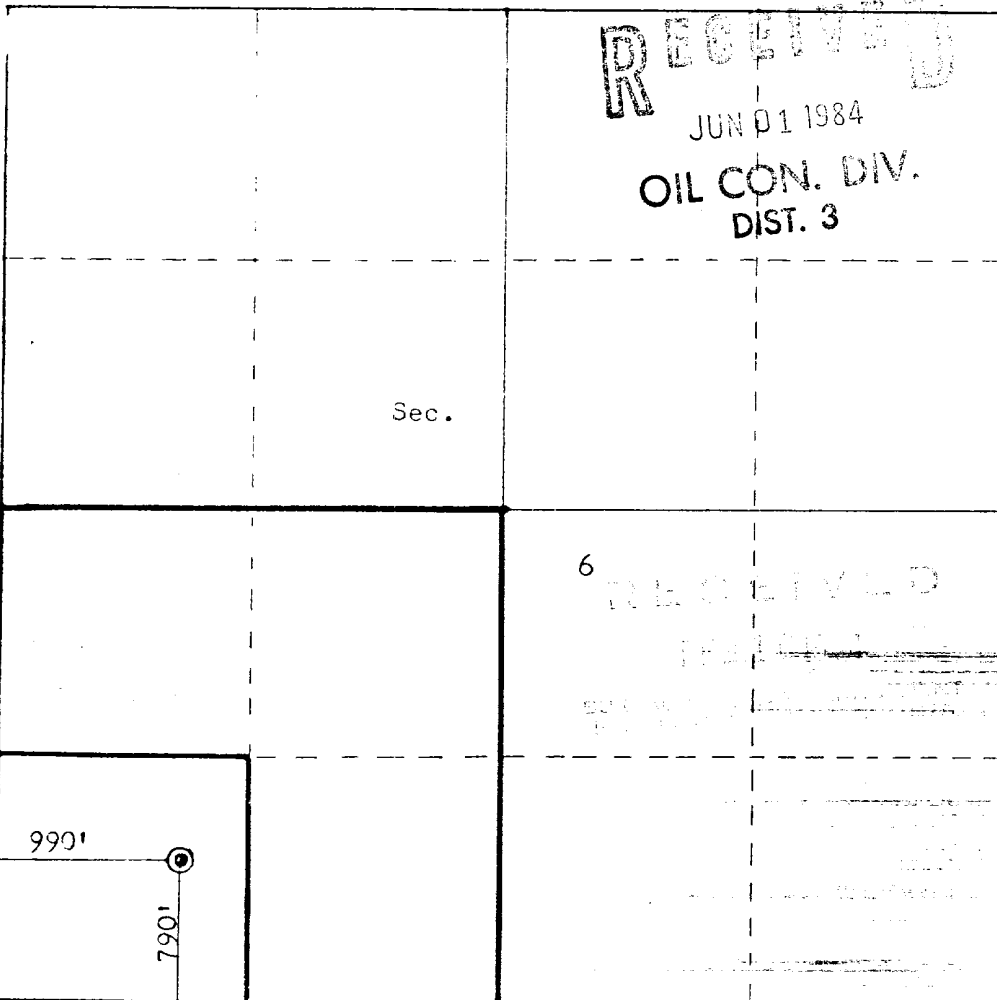
Operator AMOCO PRODUCTION COMPANY			Lease JICARILLA Tribal 358			Well No. 12		
Unit Letter M	Section 6	Township 22N	Range 2W	County Sandoval				
Actual Footage Location of Well: 790 feet from the South line and 990 feet from the West line								
Ground Level Elev. 7330	Producing Formation Dakota/Gallup		Pool Wichita Chacon Dakota/Undes. Gallup			Dedicated Acreage: 160/40 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 been 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.

Original Signed By
D.D. Lawson

Name
Darrell D. Lawson

Position
District Adm. Supervisor

Company
Amoco Production Company

Date
February 7, 1984

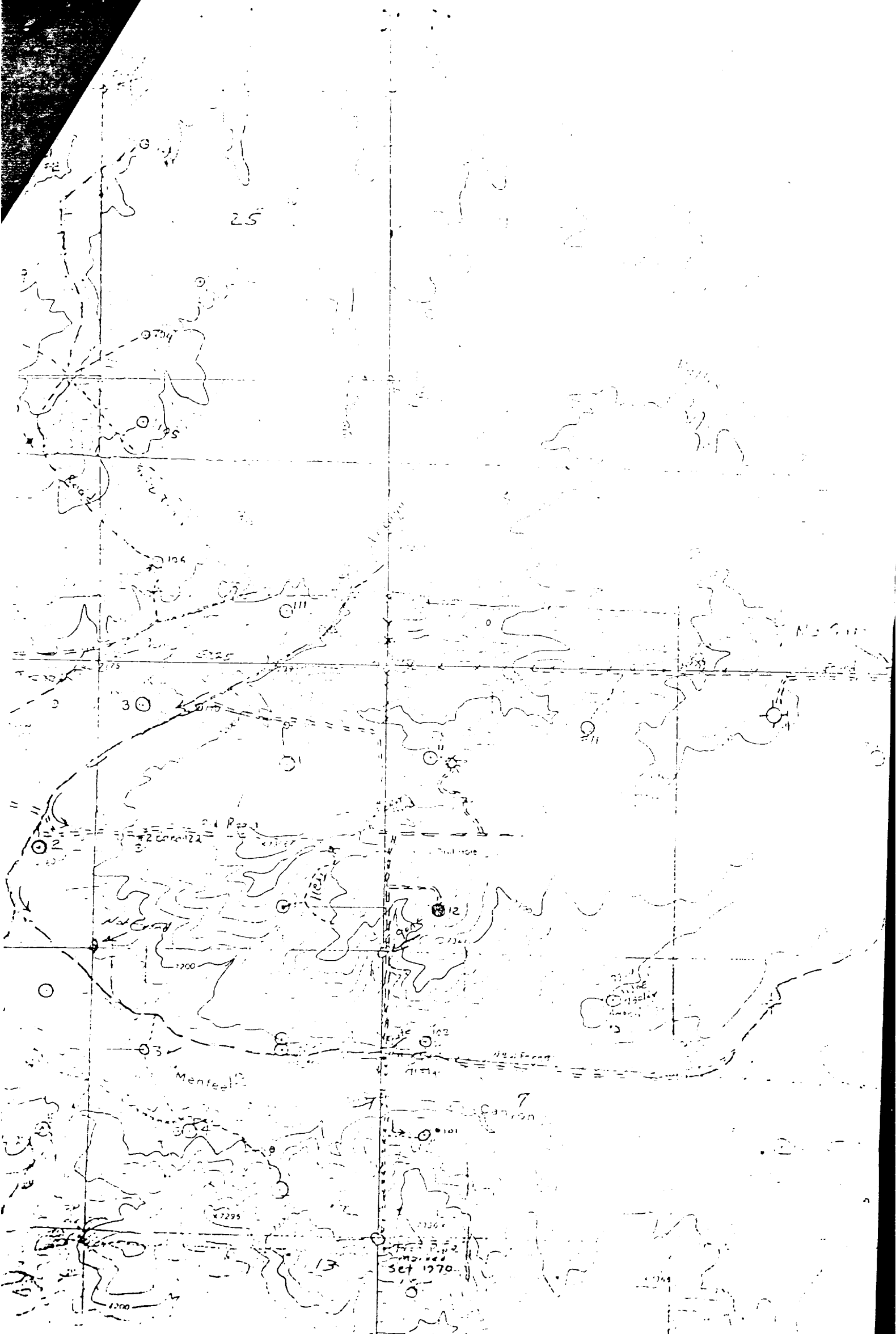
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
July 1, 1983

Registered Professional Engineer and Land Surveyor
Fred J. Kerr Jr.

Certification No. **3753**

Scale: 1"=1000'



Vicinity Map for
 AMOCO PRODUCTION COMPANY #12 JICARILLA APACHE TRIBAL 358
 790'FSL 920'FWL Sec. 6-T22N-R2W
 SANDOVAL COUNTY, NEW MEXICO