

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-20570

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract 155

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla Contract 155

9. WELL NO.
24

10. FIELD AND POOL, OR WILDCAT
Gonzales Mesa-Otero Chacra

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW/4 SW/4 Section 31, T-26-N, R-5-W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

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 & 790' FSL, Section 31, T-26N, R-5W
 At proposed prod. zone
Same

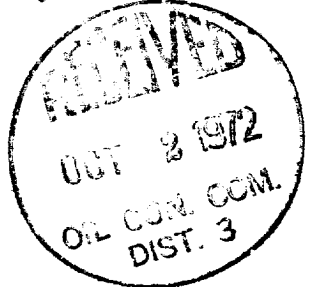
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	790'	16. NO. OF ACRES IN LEASE	2477.56	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.	1000'	19. PROPOSED DEPTH	5400'	20. ROTARY OR CABLE TOOLS	Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6401' Cr. (ungraded)		22. APPROX. DATE WORK WILL START*		October 1972	

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#	400'	300 sx
7-7/8"	5-1/2"	14#	5400'	700 sx - two stage

Amoco proposes to drill a Mesavada-Chacra dual well, as described above. The well will be drilled to a TD of 5400' with rotary tools. The production casing will be cemented in two stages with a stage tool set 200' below the Chacra. Second stage cement will cover the Pictured Cliffs. Completion procedure will be determined from open hole logs. Copies of location and acreage dedication plat are attached. Copies of logs will be submitted upon 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 **W. R. OLD SM III**
 SIGNED _____ TITLE **Area Engineer** DATE **Sept. 27, 1972**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

OK

OCT 2 1972

*See Instructions On Reverse Side

AK

O. G. O. ...

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

Form O-1, 11
Supersedes O-128
Effective 1-1-65

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

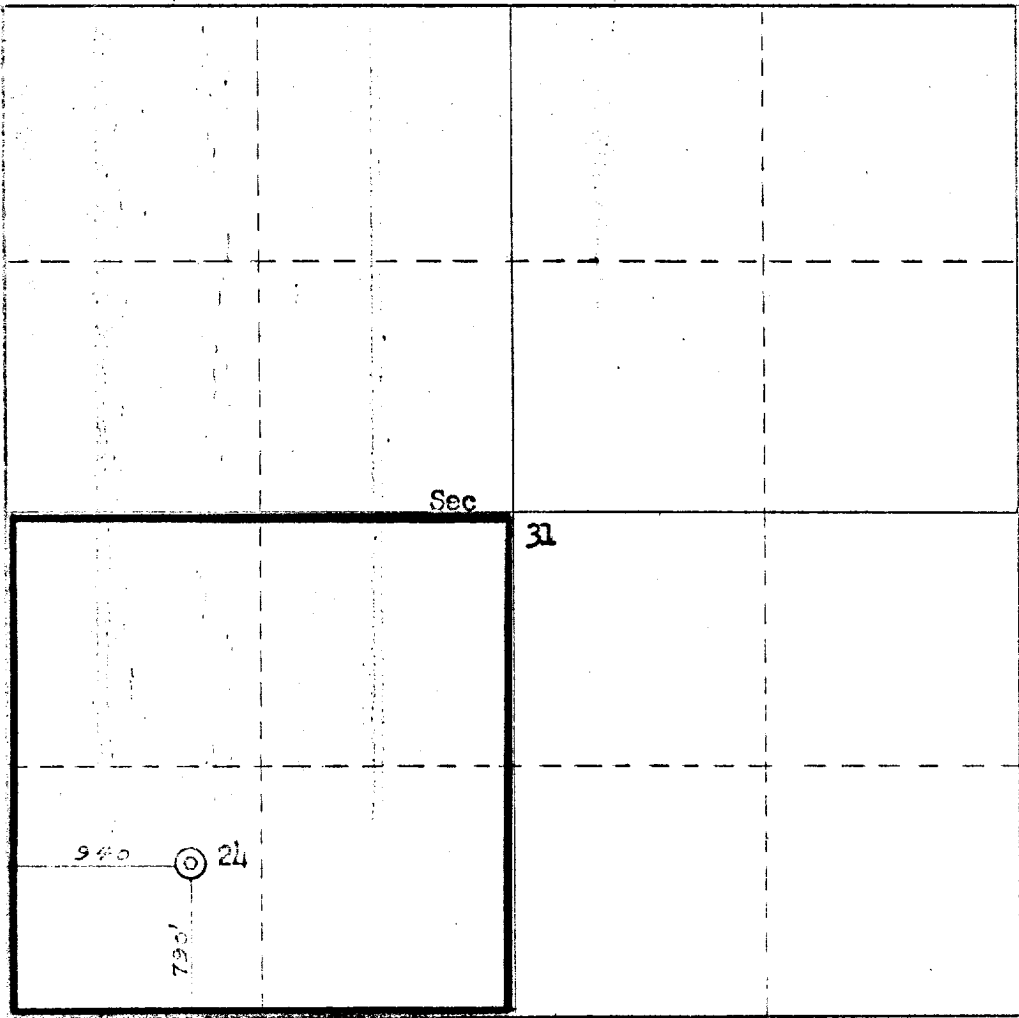
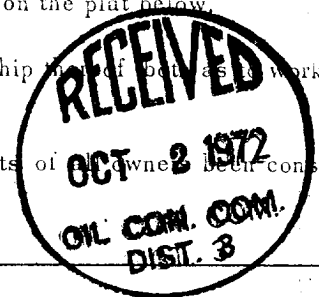
Operator Amoco Production Company		Lease Jicarilla Contract 155		Well No. 24
Unit Letter N	Section 31	Township 26N	Range 5W	County Rio Arriba
Actual Position Location of Well: 750 feet from the South line and 940 feet from the West line				
Ground Level Elev. 6101 ungr.	Producing Formation Mesa Verde-Chacra	Pool Otero Chacra- ext Gonzales Mesa Pool 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 but as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of the 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.

J. Arnold Snell

Name

J. Arnold Snell

Position

Area Engineer

Company

AMOCO PRODUCTION COMPANY

Date

September 27, 1972

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

September 28, 1972

Print name of Surveyor

J. B. ...

Print Name of Surveyor

3950

