

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*

(Other instructions on reverse side.)  
NM OIL & GAS COMMISSIONForm approved.  
Budget Bureau No. 42-R1425.Drawer DE  
Artesia, NM 88210

5. LEASE DESIGNATION AND SERIAL NO.

NM-0159536

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal DJ

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat Wolfcamp

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

11-15-27

12. COUNTY OR PARISH

Chaves

13. STATE

NM

## 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

P. O. Box 68, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

990' FNL X 1650' FWL, Sec. 11

At proposed prod. zone (Unit C, NE/4, NW/4)

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

Apx. 5 miles Southeast of Hagerman, NM.

15. DISTANCE FROM PROPOSED\*

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

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES

19. PROPOSED DEPTH

apx. 8065'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

0-TD

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

3478' GL

22. APPROX. DATE WORK WILL START\*

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	302'	350 sx -Circ.
12-1/4"	8-5/8"	32#	3236'	1300 sx
7-7/8"	5-1/2"	14,17#	8413'	350 sx

Propose to abandon the Penn formation and recomplete in the Wolfcamp formation per the following:

Release packer set at 7907' and reset at 7100'. Displace the well with apx. 20 bbl clean water and pull out of hole. Set a CIBP at apx. 8100'. Cap with 35' of class C neat cement. Run gamma ray-collar locator log from plug back depth to 5,400'. Perforate Wolfcamp interval 6880'-6894' with 4 DPJSPF. Set a packer at apx. 6870'. Swab test. If well swabs dry, proceed with the following stimulation: Spot 1100 gal 15% NEFE HCL acid to packer. Acidize with 1000 gal 15% NEFE acid with additives. Flush with 27 bbls clean brine water. Swab test well.

O+6-BLM, R 1-HOU R.E. Ogden Rm 21.150 1-F.J.Nash, HOU Rm4.206 1-CMH

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.

SIGNED Charles M. Herring TITLE Administrative Analyst DATE 6-15-83

(This space for Federal or State office use)

PERMIT NO.

(Orig. Sgd.) PETER W. CHESTER

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

TITLE

DATE

JUN 30 1983

\*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 CONSERVATION COMMISSION**  
**WE LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
 Supersedes C-128  
 Effective 1-1-65

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

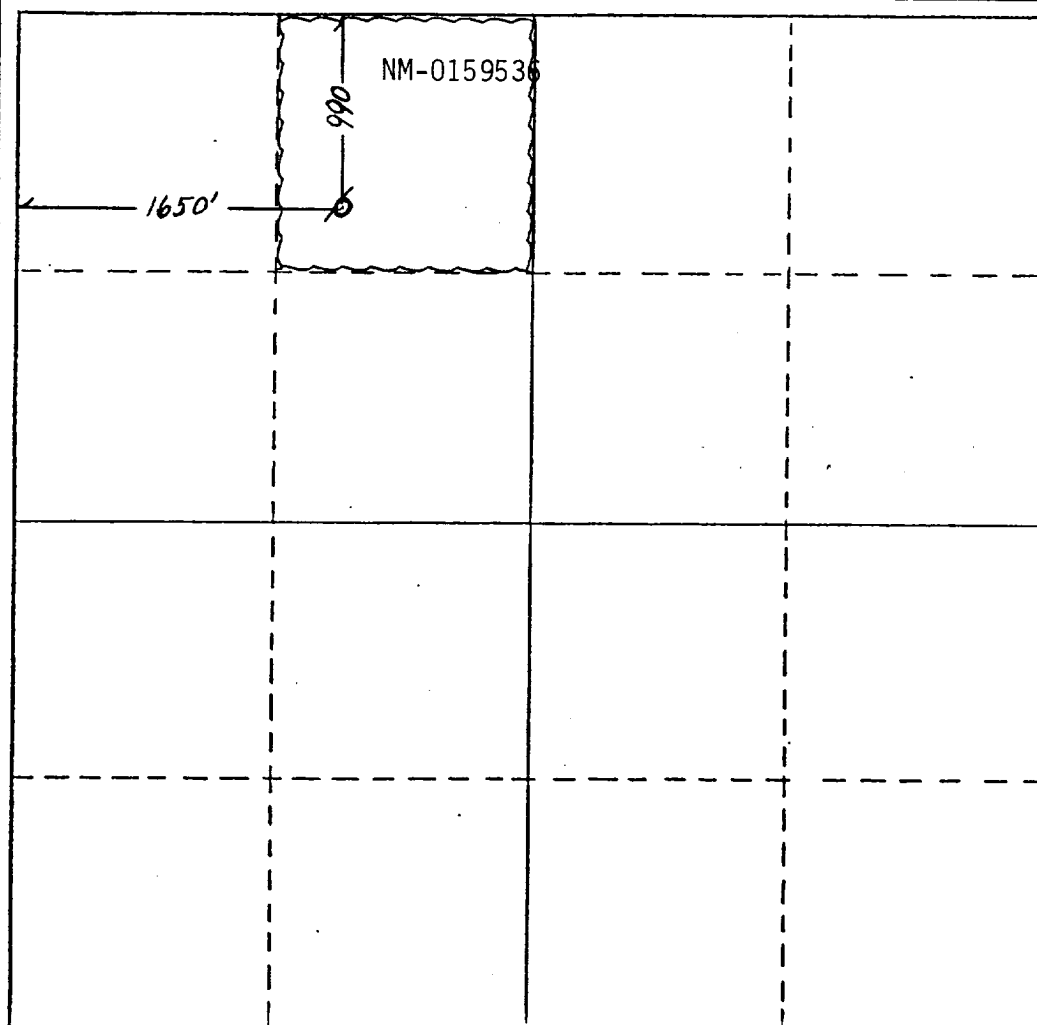
Operator <b>Amoco Production Company</b>			Lease <b>Federal DJ</b>		Well No. <b>1</b>
Unit Letter <b>C</b>	Section <b>11</b>	Township <b>15-South</b>	Range <b>27-East</b>	County <b>Chavez</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between; align-items: center;"> <span><b>990</b> feet from the <b>North</b> line and</span> <span><b>1650</b> feet from the <b>West</b> line</span> </div>					
Ground Level Elev. <b>3478'</b>	Producing Formation <b>Wolfcamp</b>	Pool <b>Wildcat Wolfcamp</b>		Dedicated Acreage <b>40</b>	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.*

Name *Charles M. Herring*  
 Position **Administrative Analyst**

Company  
**Amoco Production Company**

Date  
**June 15, 1983**

*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 \_\_\_\_\_

Registered Professional Engineer  
 and/or Land Surveyor

Certificate No. \_\_\_\_\_

