

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Co.

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, N M 87401

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

At surface

1090' FNL x 1450' FWL

At proposed prod. zone

same

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

27 miles west of Farmington

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

15. DISTANCE FROM PROPOSED*

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

1090'

16. NO. OF ACRES IN LEASE

4800

17. NO. OF ACRES ASSIGNED

TO THIS WELL
40160/40

18. DISTANCE FROM PROPOSED LOCATION*

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

900' West

19. PROPOSED DEPTH

7200

20. ROTARY OR CABLE TOOLS

rotary

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

5140' GR

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

22. APPROX. DATE WORK WILL START*

as soon as permitted

23. PROPOSED CASING AND CEMENTING PROGRAM

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

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#, H-40	200'	354 cu ft Class B
12-1/4"	9-5/8"	36#, K-55	2200'	1033 cu ft Class B
8-3/4"	7"	23#, N-80	7200'	1623 cu ft Class B
		20#, K-55		

Amoco Production Co. proposes to drill the above well to further develop the Hogback Penn-Leadville reservoirs. The well will be drilled to the surface casing point using native mud. The well will then be drilled to a TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design. Upon completion the well site will be cleaned and the reserve pit filled and leveled.

No H2S gas is expected to be encountered based on the drilling & completion of the USG Section 18 #38.

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.

SIGNED

BDS

Adm. Supervisor

DATE 3/29/85

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

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JUN 17 1985
OIL CON. DIV.
DIST. 3
NMOCC

APPROVED
AS AMENDED

DATE JUN 12 1985

/s/ J. Stan McKee

M. MILLENBACH
AREA MANAGER

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

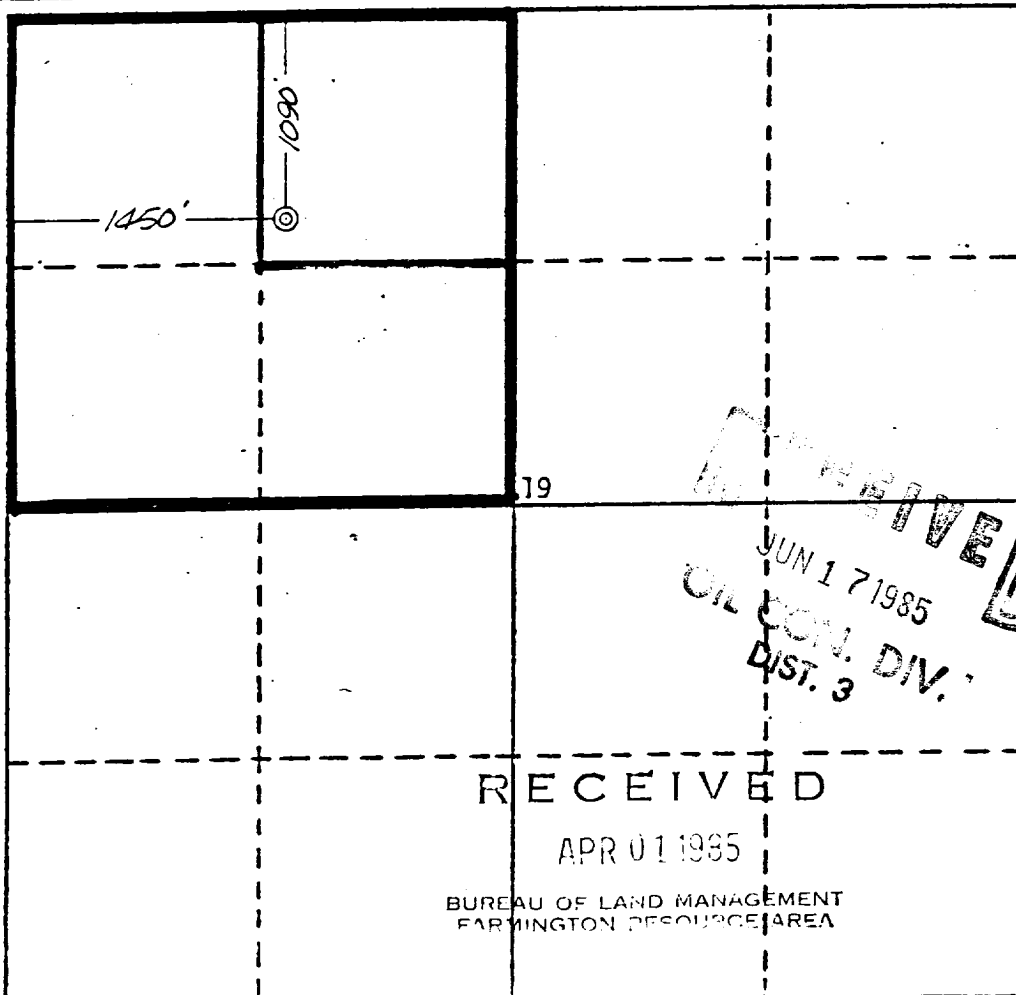
Operator AMOCO PRODUCTION COMPANY			Lease USG SECTION 19		Well No. 44
Unit Letter C	Section 19	Township 29 N	Range 16 W	County San Juan	
Actual Footage Location of Well: 1090 feet from the NORTH line and 1450 feet from the WEST line					
Ground Level Elev. 5140	Producing Formation Penn-Leadville	Pool Hogback Penn-Leadville		Dedicated Acreage 40 160/40 Acres	

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 Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

B. D. Shaw

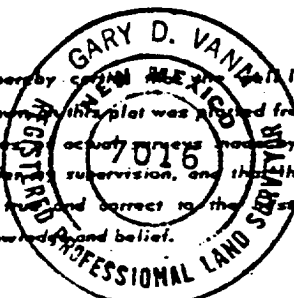
Name
B. D. Shaw

Position
Adm. Supervisor

Company
Amoco Production Co.

Date
3/27/85

I hereby certify that the location shown on this plat was plotted from field notes, 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
January 22, 1985

Registered Professional Engineer
and/or Land Surveyor
Gary D. Vann
Gary D. Vann

Certificate No.
7016

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. NAME OF OPERATOR Amoco Production Co.	3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, N M 87401	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1090' FNL x 1450' FWL
14. PERMIT NO.			
15. ELEVATIONS (Show whether on proposed or existing resource area) 5140'			

5. LEASE DESIGNATION AND SERIAL NO. I-89-IND-58	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribe	7. UNIT AGREEMENT NAME	8. FARM OR LEASE NAME USG Section 19	9. WELL NO. 44	10. FIELD AND POOL, OR WILDCAT Hogback Penn/Leadville	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/NW SEC 19, T29N, R16W	12. COUNTY OR PARISH San Juan	13. STATE NM
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MAY 13 1985

BUREAU OF LAND MANAGEMENT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	PULL OR ALTER CASING
FRACTURE TREAT	MULTIPLE COMPLETE
SHOOT OR ACIDIZE	ABANDON*
REPAIR WELL	CHANGE PLANS
(Other)	

WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREATMENT	ALTERING CASING
SHOOTING OR ACIDIZING	ABANDONMENT*
(Other)	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amoco Production Company requests approval to amend the bottom hole location of the subject well from same as surface location to 990' FNL x 1650' FWL.

This well was previously staked to be orthodox for gas spacing but the well was reevaluated as qualifying for oil spacing. The surface location has already been approved archaeologically by the B.I.A. and topographically by the B.L.M. The deviation is being made to remain orthodox for the oil spacing requirements and to satisfy the requirements of the B.I.A. and the B.L.M.

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JUN 17 1985
OIL CON. DIV.

18. I hereby certify that the foregoing is true and correct

SIGNED BDS Shaw

TITLE Adm. Supervisor

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE 5-19-85
APPROVED
AS AMENDED

DATE JUN 12 1985
/s/ J. Stan McKee
for M. MILLENBACH
AREA MANAGER

*See Instructions on Reverse Side

NMOCC

Form C-107
Revised 10-1-78

Bottom Hole Location