

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

1505'FSL x 1690'FWL

At proposed prod. zone

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APR 01 1985

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

23 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 drig. unit line, if any)

1505'

16. NO. OF ACRES IN LEASE

4800

17. NO. OF ACRES ASSIGNED

TO THIS WELL
160 160/40

18. DISTANCE FROM PROPOSED LOCATION*

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

3,000' South

19. PROPOSED DEPTH

7110'

20. ROTARY OR CABLE TOOLS

rotary

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

5042' GR

DRILLING-OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

as soon as permitted

23.

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	2110'	990 cu ft Class B
8-3/4"	7"	23#, N-80	7110'	2700 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 and 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 Shaw

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVAL DATE

TITLE

RECEIVED
JUN 17 1985

OIL COLL. DIV
DIST. 9

NMOCC

*See Instructions On Reverse Side

DATE 3/29/85

APPROVED
AS AMENDED

JUN 12 1985

M. MILLENBACH
AREA MANAGER

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Hold C-104 for acreage consolidation
Form C-102
Revised 10-1-78

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

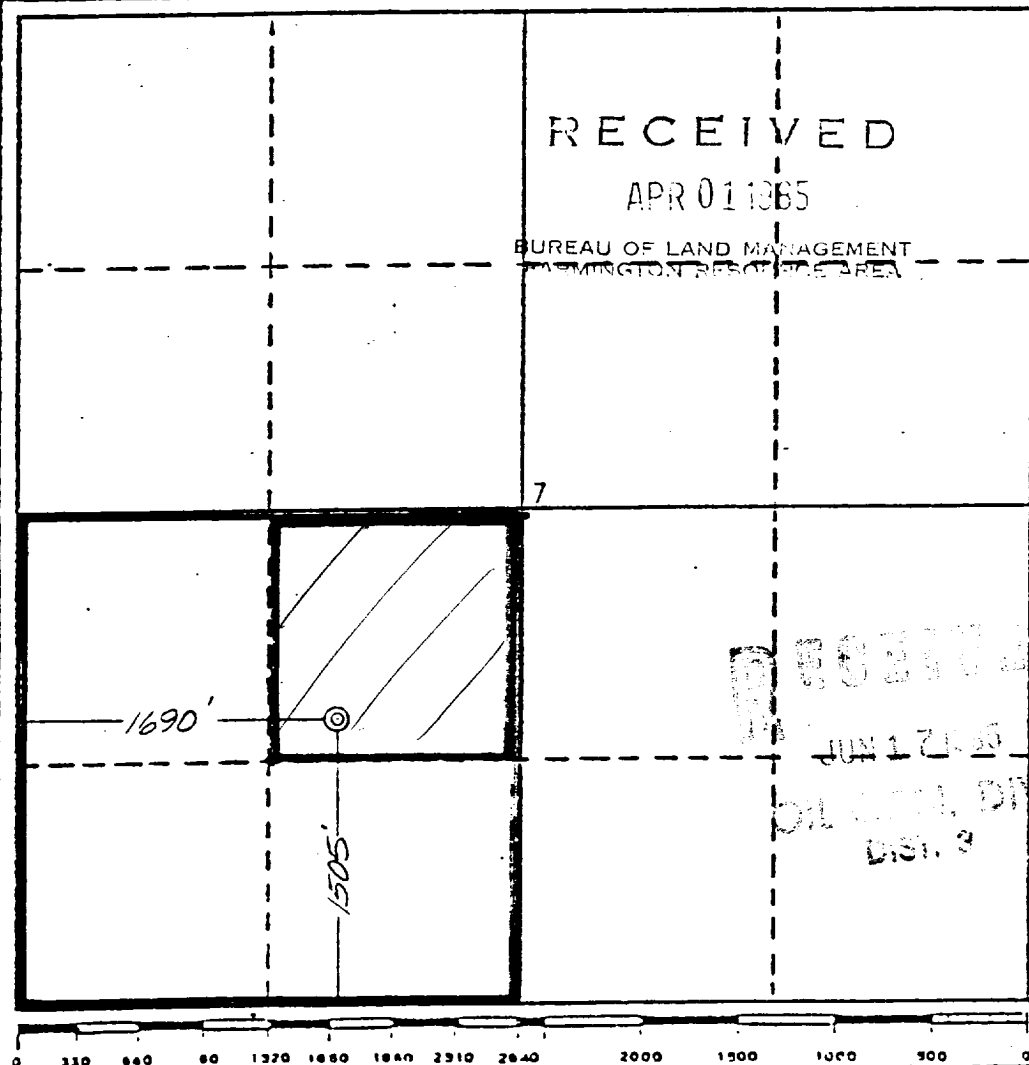
Operator AMOCO PRODUCTION COMPANY			Lease USG SECTION 18		Well No. 47
Unit Letter K	Section 7	Township 29 N	Range 16 W	County San Juan	
Actual Footage Location of Well: 1505 feet from the SOUTH line and 1690 feet from the WEST line					
Ground Level Elev. 5042	Producing Formation Penn-Leadville	Pool Hogback Penn-Leadville		Dedicated Acreages 160 160/40 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 Division.



CERTIFICATION

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

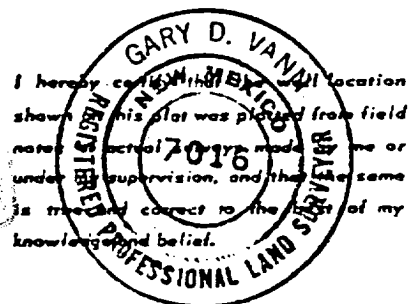
B. D. Shaw
Name

B. D. Shaw

Position
Adm. Supervisor

Company
Amoco Production Co.

Date
3/23/85



Date Surveyed
January 22, 1985

Registered Professional Engineer
and/or Land Surveyor
G. D. Vann
GARY D. VANN

Certificate No.
7016

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"/>	5. LEASE DESIGNATION AND SERIAL NO. I-89-IND-58
2. NAME OF OPERATOR Amoco Production Co.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, N M 87401	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1505' FSL x 1690' FWL	8. FARM OR LEASE NAME USG Section 18
	9. WELL NO. 47
	10. FIELD AND POOL, OR WILDCAT Hogback Penn/Leadville
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/SW Sec 7, T29N, R16W
14. PERMIT NO.	12. COUNTY OR PARISH San Juan
15. ELEVATIONS (Show whether of ST. OR LAND SURFACE) 5042' GR	13. STATE NM

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MAY 13 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON, N.M. - SOURCE AREA

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Bottom Hole Location	X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(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 1650' FSL x 1690' FEL.

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.
DIST. 3

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

SIGNED B.D. Shaw

TITLE Adm. Supervisor

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

APPROVED
AS AMENDED

DATE
JUN 12 1985

for J. Stan McKee
M. MILLENBACH
AREA MANAGER

*See Instructions on Reverse Side

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Hold C-101
For acreage consolidation
Form 1-102
revised 10-1-78

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

Operator Amoco Production Co.			Lease USG Section 18		Well No. 47
Unit Letter K	Section 7	Township 29N	Range 16W	County San Juan	
Actual Postage Location of Well: 1650 feet from the South line and 1690 feet from the East line					
Ground Level Elev. 5042'	Producing Formation Penn/Leadville		Pool Hogback Penn/Leadville		Dedicated Acreage: 160 160/40

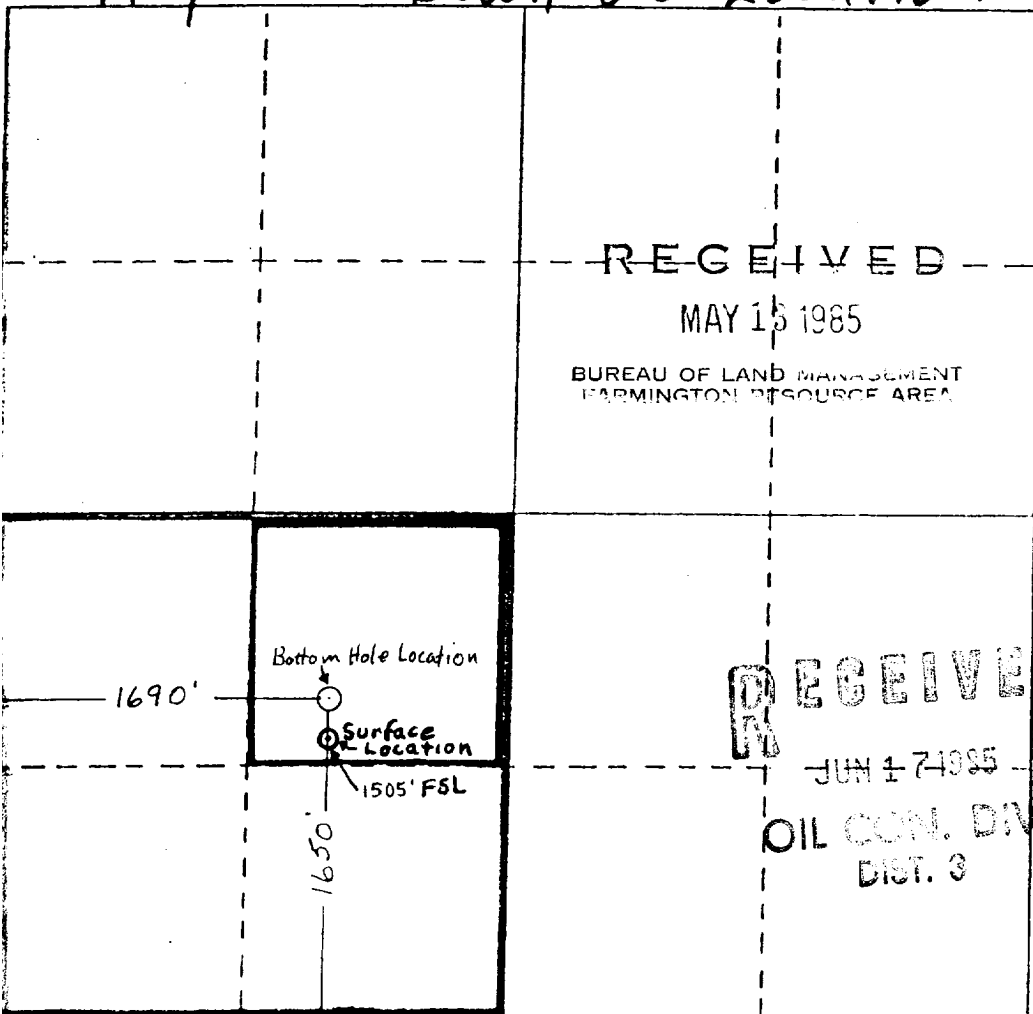
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☐ Yes ☐ No If answer is "yes," type of consolidation _____

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.

Proposed Downhole Location



CERTIFICATION

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

BDS Shaw

Name
B. D. Shaw

Position
Adm. Supervisor

Company
Amoco Production Co.

Date
5-9-85

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
on Oil and Gas Surveys

Certificate No. _____