

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

RECEIVED  
APR 26 1999

1a. TYPE OF WORK  
b. TYPE OF WELL  
DRILL ☒ DEEPEN ☐  
OH WELL ☐ GAS WELL ☒ Other ☐  
2. NAME OF OPERATOR  
AMOCO PRODUCTION COMPANY  
3. ADDRESS AND TELEPHONE NO.  
P.O. BOX 800, DENVER, COLORADO 80201 (303) 830-6157  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface 1160' FSL 1890' FEL  
At proposed prod. zone Unit 0  
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
24 miles from the town of Aztec, New Mexico  
15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
16. NO. OF ACRES IN LEASE 1280.00  
17. NO. OF ACRES ASSIGNED TO THIS WELL 320.00  
18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
19. PROPOSED DEPTH 5908'  
20. ROTARY OR CABLE TOOLS Rotary  
21. ELEVATIONS (Show whether DF, RT, GR., etc.) 6368' GF  
22. APPROX. DATE WORK WILL START\* 01-01-1999

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12.25"	K-55 9.625	36#	250'	172 cu ft CI B to surface
8.75"	K-55 7.000	23#	3398'	911 cu ft CI B to surface
6.25	K-55 4.500	10.5#	5908'	380 cu ft CI B to 3148'

Notice of Staking submitted as the Kernaghan B #3B on 11/12/98.

Lease Description: Township 31 North, Range 8 West  
Section 28: E/2  
Section 29: E/2  
Section 30: E/2  
Section 33: W/2

containing 1,280.00 acres, more or less.

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

DRILLING OPERATIONS AUTHORIZED AND  
SUBJECT TO COMPLIANCE WITH ATTACH  
"GENERAL REQUIREMENTS"

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Gail M. Jefferson TITLE Sr. Admin. Staff Asst. DATE 12-01-1998  
(This space for Federal or State office use)  
PERMIT NO. 15/Duane W. Spencer APPROVAL DATE JAN 19 1999  
Application approved does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:  
APPROVED BY 15/Duane W. Spencer TITLE \_\_\_\_\_ DATE JAN 19 1999

\*See Instructions On Reverse Side  
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.  
NMOCD

District I  
PO Box 1980, Hobbs NM 88241-1980  
District II  
PO Drawer KK, Artesia, NM 87211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
For Lease - 3 Copies

99 JAN 11 AM 9:16

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-29719		2 Pool Code 72319		3 Pool Name Blanco Mesaverde		
4 Property Code 766		5 Property Name KERNAGHAN B			6 Well Number # 3B	
7 OGRID No. 000778		8 Operator Name AMOCO PRODUCTION COMPANY			9 Elevation 6368	

10 Surface Location

UL or Lot No. O	Section 29	Township 31 N	Range 8 W	Lot Idn	Feet from the 1160	North/South line SOUTH	Feet from the 1890	East/West line EAST	County SAN JUAN
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 320.00	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16		5222(R)		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Gail M. Jefferson Signature Gail M. Jefferson Printed Name Sr. Admin. Staff Asst. Title 11/11/98 Date	
5302(R)		29		18 SURVEYOR CERTIFICATION 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 belief.  October 12, 1998 Date of Survey Signature and Seal of Registered Professional Land Surveyor GARY D. VANE NEW MEXICO 7016 7016 Certificate Number	
RECEIVED APR 26 1999 OIL CON. DIV. DIST. 3		5401(R)			

81.84 (R) - BLM Record

