

UNITED STATES
DEPARTMENT OF THE INTERIOR

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

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

Other ☒

DRILL ☒

DEEPEN ☐

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

AMOCO PRODUCTION COMPANY

Attention:

Mary Corley

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 3092 HOUSTON, TX 77253

281-366-4491

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

At surface

1490' FSL

1170' FEL

At proposed prod. zone

Unit I

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

12 Miles from Farmington, NM

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

5552' GR

5. LEASE DESIGNATION AND SERIAL NO.

SF - 078904 078780

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Gallegos Canyon Unit 551

9. API WELL NO.

30-045-30276

10. FIELD AND POOL, OR WILDCAT

Kutz West Pictured Cliffs

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

Section 18
Township 28N Range 11W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 SE

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

07-15-2000

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	DENSITY (lb/gal)	YIELD (ft ³ /sk)	WATER (gal/sk)	EXCESS %
8 3/4"	J-55 ST&C 7"	23#	135'	95 SXS (113 CU.FT.) CLS B CIRC TO SURFACE	15.6	1.19	5.25	100%
6 1/4"	J-55 ST&C 4 1/2"	10.5	1621'	120 SXS (251 CU.FT.) CLS B - LEAD- 44 SXS (97 CU.FT.) CLS B - TAIL	18	2.05	16.5	70%

NOTICE OF STAKING SUBMITTED 11/17/1999

OBJECTIVE: Drill 2'00' into the Pictured Cliffs, set 4 1/2" Casing to TD, perf & stimulate the Pictured Cliffs.

This action is subject to technical and procedural review pursuant to 43 CFR 3105.3 and appeal pursuant to 43 CFR 3105.4.

METHOD OF DRILLING: Rotary/Top Drive

DEPTH OF DRILLING: 0' - TD

LOG PROGRAM TYPE: Cased Hole (GR-CCL-TDT)

DEPTH INTERVAL: TDT - PBTD to Top of Hole

GR & CCL - PBTD to 0'

MUD PROGRAM:

INTERVAL

TYPE MUD

WEIGHT, #/GAL

0' - 135' (3 JTS)

Spud

8.6 - 9.2

135' - 1621'

Water/LSND

8.6 - 9.2

(1) Circulate Cement to Surface

(2) Set Casing 200' below top of Pictured Cliffs

COMPLETION: Rigless, Single Stage Hydraulic Frac

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

TITLE SR Business Analyst

DATE

06-12-2000

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval 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

/s/ Jim Lovato

TITLE

DATE

JUL 31 2000

*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.

AMOCO

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
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30045-30276	² Pool Code 79680	³ Pool Name West Kutz Pictured Cliffs
⁴ Property Code 000570	⁵ Property Name GALLEGOS CANYON UNIT	⁶ Well Number # 551
⁷ OGRID No. 000778	⁸ Operator Name AMOCO PRODUCTION COMPANY	⁹ Elevation 5552-

¹⁰ Surface Location

UL or Lot No. I	Section 18	Township 28 N	Range 11 W	Lot Idn	Feet from the 1490	North/South line SOUTH	Feet from the 1170	East/West line EAST	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

¹² UL or lot no.	¹³ Section	¹⁴ Township	¹⁵ Range	¹⁶ Lot Idn	¹⁷ Feet from the	¹⁸ North/South line	¹⁹ Feet from the	²⁰ East/West line	²¹ County
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²² Dedicated Acres 160 SE	²³ Joint or Infill	²⁴ Consolidation Code	²⁵ 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 Lot 1	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: Mary Cooley Printed Name: Mary Cooley Title: Sr Business Analyst Date: 6.12.2000
¹⁸ Lot 2	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. Date of Survey: October 29, 1998 Signature and Seal of Professional Surveyor: [Seal] 7016 Certificate Number
¹⁹ Lot 3	
²⁰ Lot 4	