

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals.

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5. Lease Designation and Serial No.

SF - 078109

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

GALLEGOS CANYON UNIT 332

9. API Well No.

3004525475

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL GAS POOL

11. County or Parish, State

San Juan New Mexico

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Nancy I. Whitaker

3. Address and Telephone No.

P.O. BOX 800 DENVER, COLORADO 80201

303-830-5039

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

930' FSL

1080' FEL

Sec. 31 T 29N R 12W

UNIT P

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

13. 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 PERMISSION TO RECOMPLETION THIS WELL TO THE BASIN FRUITLAND COAL GAS POOL AND TO ISOLATE THE PICTURED CLIFFS WITH A CIBP ACCORDING TO THE ATTACHED PROCEDURES.

FOR TECHNICAL INFORMATION CONTACT MARK YAMASAKI 303-830-5841.

ATTACHED IS A COPY OF THE NMOCD APPROVAL OF THE NON-STANDARD LOCATION.

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OIL CON. DIV.
DIST. 3

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

Signed

Nancy I. Whitaker

Title

Staff Assistant

Date

01-23-1997

(This space for Federal or State office use)

APPROVED

Approved by

Title

Conditions of approval, if any:

JAN 27 1997

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

* See Instructions on Reverse Side

DISTRICT MANAGER

/s/ Duane W. Spencer

OK
NSC-3701



SJOET Well Work Procedure

Wellname: GCU #332
Version: #1
Date: June 18, 1996
Budget: Major Cash
Workover Type: Recompletion

Objectives:

1. Set a bridge plug to isolate Pictured Cliffs
 2. Perforate and fracture Fruitland Coal
 3. Put well on production
-

Pertinent Information:

Location:	930' FSL, 1080' FEL SE/SE S.31, T29N R12W	Horizon:	Fruitland Coal
County:	San Juan	API #:	30-045-25475
State:	New Mexico	Engr:	Irina Mitselmakher
Lease:	SF 078109	Phone:	W--(303)830-4371
Well Flac:			H--(303)369-9301

Economic Information:

APC WI:	PC Prod. Before Recompl:	0 MCFD
Estimated Cost:	PC Anticipated Prod.:	0 MCFD
Payout:	FC Prod. Before Recompl.:	0 MCFD
Max Cost -12 Mo. P.O.	FC Anticipated Prod.:	200 MCFD
PV15:		
Max Cost PV15:		

Formation Tops: (Estimated formation tops)

Nacimiento:	Menefee:
Ojo Alamo:	Point Lookout:
Kirtland Shale:	Mancos Shale:
Fruitland:	Gallup:
Pictured Cliffs:	Greenhorn:
Lewis Shale:	Graneros:
Chacra:	Dakota:
Cliffhouse:	Morrison:

Bradenhead Test Information:

Test Date: 5/3/94 **Tubing:** **Casing:** **BH:** 0 psi.

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

GCU #332
Sec. 31 T 29 R 12
Completed 2/84
PBTD=1611'

1. MIRUSU. Bleed pressure off well if necessary. NDWH. NU and test BOP's.
2. Tag bottom with tubing. TOH w/ 2 3/8" tubing, inspect tubing joints while pulling. Verify PBTD of 1611'.
3. Run GR/CCL from 1611' to 611'. Correlate with original gamma ray log.
4. Set a CIBP as low as possible above perms to isolate the Pictured Cliffs formation. PC perforations are at 1532' - 1546'.
5. PT casing to 3200#. Isolate and squeeze any casing leaks if found.
6. RIH and perforate the following intervals (4 jspf):

1492' - 1512' and 1516'-1521'
7. Fracture Basin Fruitland Coal according to the attached procedure.
8. Flow back immediately on a 1/2" choke. If excessive sand production is seen, drop back to 1/4" choke.
9. Clean out to CIBP.
10. RIH with and land seating nipple and 2 3/8" tbg at approx. 1510'.
11. ND BOP's. NU and test wellhead. RDMOSU.

If problems are encountered, please contact:

Irina Mitselmakher
W: (303)830-4371
H: (303)369-9301



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

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97 JAN 24 PM 1:10

070 FARMINGTON, NM

August 30, 1996

Amoco Production Company
Southern Rockies Business Unit
P.O. Box 800
Denver, Colorado 80201
Attention: Pamela W. Staley

Administrative Order NSL-3701

Dear Ms. Staley:

Reference is made to your application dated August 13, 1996 for a non-standard Basin-Fruitland coal gas well location for your existing Gallegos Canyon Unit Well No. 332 (API No. 30-045-25475) which was drilled in 1984 and completed in the West Kutz-Pictured Cliffs Pool at a standard gas well location 930 feet from the South line and 1080 feet from the East line (Lot 20/Unit P) of Section 31, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico.

It is our understanding that the Pictured Cliffs interval will be properly plugged back and said well will be recompleted to the Basin-Fruitland Coal (Gas) Pool, which pursuant to the "*Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool*", as promulgated by Division Order No. R-8768, as amended, is unorthodox. Further, Lots 5, 6, 11, 12, 13, 14, 19, and 20 (the E/2 equivalent) of said Section 31 shall be dedicated to the well to form a 313.08-acre gas spacing and proration unit for said pool.

By the authority granted me under the provisions of Rule 8 of said Order No. R-8768, as amended, the above-described unorthodox coal gas well location is hereby approved.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. LeMay".

William J. LeMay
Director

WJL/MES/kv

cc: Oil Conservation Division - Aztec
US Bureau of Land Management - Farmington

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
311 South First, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

OK USL-3701 (9)
Form C-102
Revised October 18, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3004525475	Pool Code 71629	Pool Name BASIN FRUITLAND COAL GAS POOL
Property Code 570	Property Name GALLEGOS CANYON UNIT	Well Number 332
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5661'

Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT P	31	29N	12W		930	SOUTH	1080	EAST	San Juan

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
Dedicated Acreage: 320					Joint or Infill		Consolidation Code		Order No.

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

				OPERATOR CERTIFICATION	
				I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
				Signature <i>Nancy I. Whitaker</i>	
				Printed Name Nancy I. Whitaker	
				Position Staff Assistant	
				Date 01/23/1997	
				SURVEY 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 knowledge and belief.	
				04/19/1982	
				Date of Survey	
				Signature & Seal of Professional Surveyor ON FILE	
				Certificate No. 3950	