

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

5. Lease Designation and Serial No.

SF - 078828-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

GALLEGOS CANYON UNIT #233

9. API Well No.

3004511686

10. Field and Pool, or Exploratory Area

West Kutz Pictured Cliffs 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)

990 FSL 790 FWL Sec. 27 T 28N R 12W UNIT M

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 RECOMPLETION

- ☐ 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 RECOMPLETE THIS WELL IN THE PICTURE CLIFFS AND TO PERMANENTLY ABANDON THE BASIN DAKOTA.

FOR TECHNICAL INFORMATION CONTACT MARK YAMASAKI 303-830-5841

RECEIVED
JUN - 3 1997
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
97 APR 18 PM 1:35
070 FARMINGTON, NM

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

Signed

Title

Staff Assistant

Date

04-16-1997

(This space for Federal or State office use)

Approved by

Title

Date

MAY 29 1997

Conditions of approval, if any:

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.

* See Instructions on Reverse Side

SJOET Well Work Procedure

GCU #233

Version: Final
Date: 4/10/97
Budget: Major Cash/Recompletion
Repair Type: Recompletion

Objectives: Stimulate Pictured Cliffs

1. Isolate Dakota
2. Stimulate PC
3. Test PC
4. Put on Production.

Pertinent Information:

Location:	27 - 28N - 12W SW	Horizon:	Pictured Cliffs
County:	San Juan	API #:	30-045-11686
State:	New Mexico	Engr:	Yamasaki
Lease:	Federal; SF - 078828 - A	Phone:	H--(303)202-0361
Well Flac:	985705		W-(303)830-5841
			P--(303)553-6437

Economic Information:

APC WI:	51.8%	PC Anticipated IP:	210 MCFD
Estimated Cost:	\$ 90,000		
Payout:	2.9 Years		
Max Cost -12 Mo. P.O.	\$		
PV15:	\$ 16 M		
Max Cost PV15:	\$ 106 M		

Note: Economics will be run on all projects that have a payout exceeding ONE year.

Formation Tops: (Estimated formation tops)

Nacimiento:		Menefee:	
Ojo Alamo:		Point Lookout:	
Kirtland Shale:		Mancos Shale:	4150
Fruitland:	1143	Gallup:	5058
Pictured Cliffs:	1439	Graneros:	5930
Lewis Shale:	1655	Dakota:	5975
Cliff House:	3020	Morrison:	

Bradenhead Test Information:

Test Date: 8/9/91 Tubing: 538 Casing: 210 BH: 0

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments: 0 PSI on Bradenhead

1. Check anchors. MIRUSU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. TOH with 2.375" tubing.
6. Set CIBP at 5800'.
7. Spot Cement plug to 5700'.
8. Set CIBP at 2300'. Spot Cement plug to 2100' Note: New PBTD will be 2100'.
8. Load Hole with 2% KCL. RU Wireline Unit with Packoff.
9. Log with CBL/CNL/GR/CCL to insure zonal isolation across Pictured Cliffs. Pressure test casing to 2000#.
10. Perforate the following interval 120 deg. phasing using 3 1/8" HSC ported guns (12.5 GM, .34" EHD. 13.13 TTP, 4 SPF). Correlate with Schlumberger's Induction log dated 3/26/66: 1440-1498
11. Fracture Stimulate down casing with approximately 50 Mlbs, 70 Qal foam.
12. Flow back immediately, untill well logs off.
13. Flow test well reporting Gas and Water to Denver
14. TIH with 2 3/8" land at bottom of perforations.
15. Flow well back, a rod pump may be needed.
16. Put well on production and make money.

GL: 5731'
KB: 5745'

8 5/8", 24# CSA 361' X
200 SX CMT

DV TOOL SA 1606'

DV TOOL SA 4298'

DAKOTA PERFS:

5976'-5987'
5999'-6003'
6038'-6060'
6076'-6083'

2 3/8" TBG @ ~~5983'~~
6008'

4 1/2", 10.5# CSA 6156'
X 1450 SX CMT

PBD: 6120'
TD: 6156'

Amoco Production Company

GALLEGOS CANYON UNIT NO. 233

SCALE:

3-30-83

DRG.

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

Form C-102

Revised October 18, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

RECEIVED
BLM

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3004511686	Pool Code 79680	Pool Name 070 FARMINGTON NM WEST KUTZ PICTURED CLIFFS GAS POOL
Property Code 000570	Property Name GALLEGOS CANYON UNIT	Well Number # 233
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5745 RDB

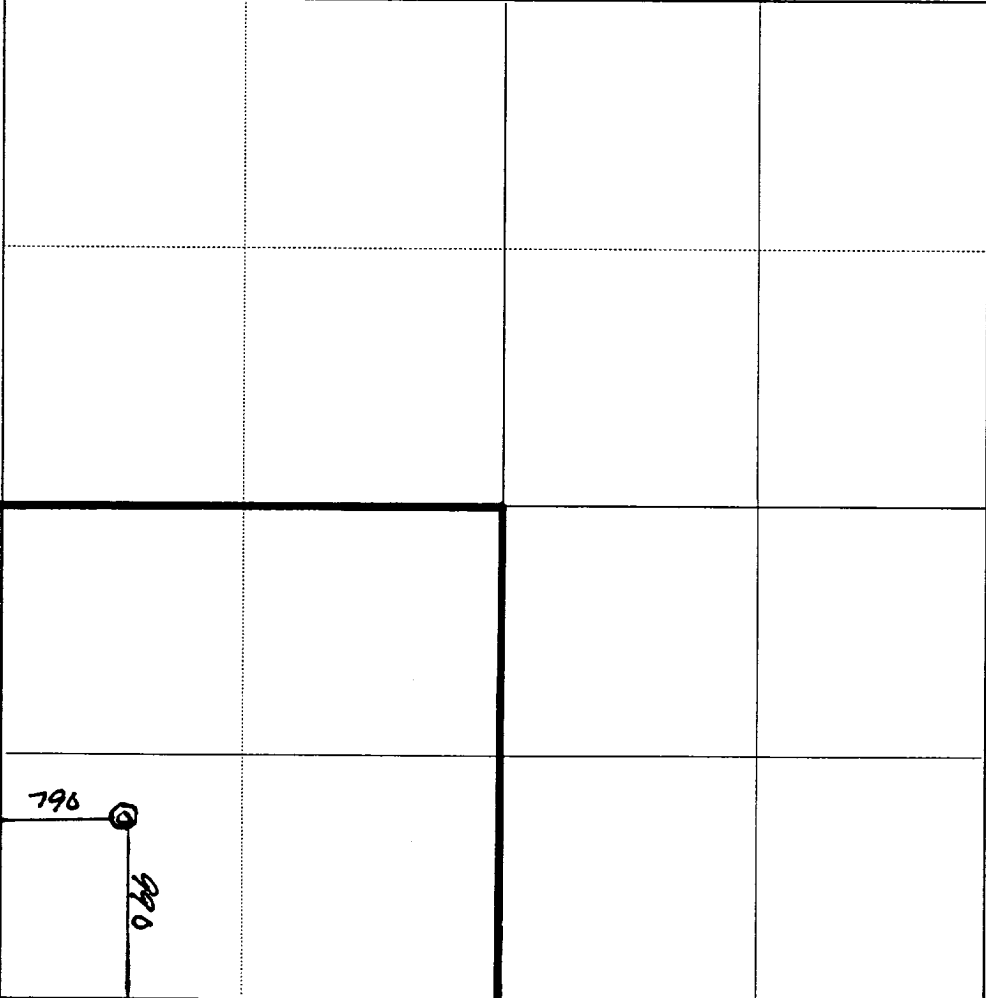
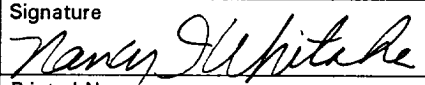
Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT M	27	28N	12W		990	SOUTH	790	WEST	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: 160	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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Signature  Printed Name Nancy I. Whitaker Position Staff Assistant Date
	SURVEY CERTIFICATION <i>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.</i> 02/14/1966 Date of Survey Signature & Seal of Professional Surveyor JAMES P. LEESE Certificate No. 1463



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office
1235 La Plata Highway
Farmington, New Mexico 87401

IN REPLY REFER TO:

Attachment to Notice of

Intention to Workover

Re: Plug Back

Well: 233 Gallegos Canyon Unit

CONDITIONS OF APPROVAL

1. Set the CIBP between 5926' to 5876' (within 50' to 100' of the top perforation), spot a minimum of 50' of cement on top of the CIBP.
2. Place a Gallup cement plug from 5108' to 5008' inside the casing plus 50 linear feet excess cement. (top of Gallup @ 5058', 12 sxs)
3. Place a Mesaverde cement plug from 3073' to 2973' inside the casing plus 50 linear feet excess cement. (top of Mesaverde @ 3023', 12 sxs)
4. **Mike Flaniken** with the Farmington District Office is to be notified at least 24 hours before the workover operations commence (505) 599-8907.