Form 3160-5 (June 1990) -

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

TYPE OF SUBMISSION TYPE OF ACTION Abardonment Recompletion Plugging Back Cearing Repair Altering Casing Other Non-Flourine Fracturing Water Shux-Off Cearing and place in Non-Flourine Fracturing Non-Flourine Materials And Plan N			
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AMOCO PRODUCTION COMPANY Nancy I. Whitaker 9. API Well No. 3.0304511687 P.O. BOX 800 DENVER, COLORADO 80201 303-830-5039 10. Field and Pool, or Exploratory Area West Kutz-Pictured Cliffs C 11. Courty or Parkin, Blate 2385 FNL 990 FWL Sec. 29 T 28N R 12W UNITE 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF SUBMISSION TYPE OF SUBMISSION Notice of Intent Recompletion Plugging Basix Recompletion New Construction Non-Routine Frecturing Ceasing Repair Abertager and State Submerland data of multiple completion on Well Comp Recompletion Report and Intention of the Water Intention of Completed Operations (Clearly state all pertinent data), and give pertinent data, forming astimated data of starting any proposed with. If well is directionally of glubarfoos incidence and immeasured and true writical depths for all markers and sones pertinent to the world.) AMOCO PRODUCTION COMPANY REQUESTS PERMISSION TO RECOMPLETE THE ABOVE WELL TO THE PICTURE CLIFFS AND TO PERMANENTLY ABANDON THE BASIN DAKOTA ACCORDING TO THE ATTACHED PROCEDURES. FOR TECHNICAL INFORMATION CONTACT IRINA MITSELMAKHER 303-830-4371 14. I hereby certify that the foregoing is 103 god correct Title Staff Assistant Date 03-28			
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	-1997		
MATTHEW WILLIAM			
Approved by Spencer Title Date			



SJOET Well Work Procedure

Wellname:

GCU #241

Version:

#1

Date:

February 6, 1997

Budget:

DRA/Major Cash

Workover Type:

PxA/Recompletion

Objectives:

1. Plug back Dakota horizon

Perforate and fracture Pictured Cliffs horizon

Turn over to production

Pertinent Information:

Location:

2385' FNL & 990' FWL, E S.29 28-12

County:

San Juan

State: Lease: **New Mexico**

Well Flac:

I-149-IND-8477

Horizon: API #:

Pictured Cliffs 30-045-11687

Engr: Phone: Irina Mitselmakher W--(303)830-4371

H--(303)369-9301

Economic Information:

APC WI:

DK Prod. Before Repair:

0 MCFD

Estimated Cost:

DK Anticipated Prod.:

0 MCFD

Payout:

PC Prod. Before Repair: PC Anticipated Prod.:

0 MCFD 200 MCFD

Max Cost -12 Mo. P.O.

PV15:

Max Cost PV15:

Formation Tops: (Estimated formation tops)

Nacimento: Ojo Alamo:

surface

Menefee:

Point Lookout:

4065'

Kirtland Shale: Basal Ft Coal:

1292'

Mancos Shale: Gallup:

4941'

Pictured Cliffs:

1310'

Greenhorn:

5755' 5818'

Lewis Shale:

Cliffhouse:

1518'

Graneros: Dakota:

5920'

Chacra:

2635'

Morrison:

Bradenhead Test Information:

BH

Test Date:

CSG

4/15/94 **Tubing:** 175 psi Casing:

CSG

INT

BH: 0 psi. 270 psi

Time

5 min

10 min

15 min

GCU #241 Sec. 29 T 28 R 12 Completed 5/66 PBTD=6040'

- 1. Check location for anchors. Install if necessary. Check anchors.
- 2. MIRUSU. Blow down well. NDWH. NUBOP's.
- 3. Lower tubing and verify BP at 5998' (stuck during BH repair in 1992). Tally out of hole with 2 3/8" tbg, lay down, inspect.
- 4. RIH with 2 3/8" workstring and cement retainer. Set retainer at 5818'.
- 5. Test casing integrity to 500#. Report any leaks to Denver.
- 6. Squeeze DK perfs from 5868' to 5972' with 50 sx cement. Pull out of retainer and spot a 100' cement plug from 5818' to 5718'.
- 7. Run GR/CCL/CBL. Correlate GR with the original SP/Induction log (there's no gamma ray log across MV and PC). Determine TOC. Verify that Mesaverde at 2635' is sufficiently isolated outside of casing. Spot a 100' cement plug from 2685'- 2585' with 20 cu ft cement. Verify that sufficient zonal isolation exists at 1310'-1332' (Pictured Cliffs). Report findings to Denver.
- 8. Pressure test casing to 2000 #.
- 9. RIH with casing guns and perforate Pictured Cliffs at the following interval (2 jspf):

1312'-1330'

- 10. Fracture Pictured Cliffs according to attached procedure.
- 11. Flow back immediately on a 1/2" choke. Drop back to 1/4" choke if excessive sand production is seen.
- 12. Land 2 3/8" tubing at 1330'. Clean out / swab if necessary.
- 13. ND BOP's, NU and test wellhead, RDMOSU.

If problems are encountered, please contact:

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

DISTRICT I P.O. Box 1980, Hobbs, NM 88240 DISTRICT II 311 South First,, Artesia, NM 88210 DISTRICTIII 1000 Rio Brazos Rd., Aztec, NM 87410 DISTRICT IV

2040 South Pacheco, Sante Fe, NM 87505

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Santa Fe, New Mexico 87505

Revised October 18, 1994
Revised October 18, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3004511687		Pool Co	de	Pool N	Pool Name WEST KUTZ-PICTURED CLIFFS GAS POOL					
Property Code Property Name			1	GALLEGOS CANYON UNIT					Well Number 241	
OGRID No.		Operator Name	·····						Elevation	
000778		78 AMOCO PRODUCTION COMPANY 563				5634				
				Sı	ırface Loc	ation		·		
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County	
UNIT E	29	28N	12W		2385	NORTH	990	WEST	San Juan	
`		Bott	om Hole	Location	n If Differe	nt From Sur	face			
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County	
Dedicated Acreage:	:	Joint or Infill	Cons	olidation Code	Order No.					
160										

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
33 62 ,	Signature Vancy Unlake Printed Name
7	Nancy I. Whitaker Position
	Staff Assistant
490	Date 03/28/1997
	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.
	03/12/1966
	Date of Survey
第二十二	Signature & Seal of Professional Surveyor
6 57 15 16 16 16 16 16 16 16 16 16 16 16 16 16	ERNEST V ECHOHAWK
·	Certificate No.
	3602



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 Re: Plug Back

Intention to Workover Well: 241 Gallegos Canyon Unit

CONDITIONS OF APPROVAL

- 1. Place a cement plug from 4992' to 4892' inside the casing plus 50 linear feet excess. (Gallup top @ 4942'--12 sks. cement)
- 2. Move the Mesaverde cement plug from 2685-2585' to 2889'-2789'. (top of Mesaverde @ 2839') If it is necessary to perforate the casing at 2889' to cement the annular space from 2889' to 2789', use 100% excess cement. (minimum cement 39 sks. annulus , 12 sks. casing--total 51 sks.)
- 3. **Mike Flaniken** with the Farmington District Office is to be notified at least 24 hours before the workover operations commence (505) 599-8907.