

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. SF - 078904
2. Name of Operator AMOCO PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. BOX 800 DENVER, COLORADO 80201		7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1850 FWL 1500 FNL f Sec. 24 T 28N R 12W UNIT F		8. Well Name and No. GALLEGOS CANYON UNIT 242
		9. API Well No. 3004511736
		10. Field and Pool, or Exploratory Area BASIN FRUITLAND GOAL GAS
		11. County or Parish, State San Juan New Mexico

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input checked="" type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> 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 PERMANENTLY PXA THE BASIN DAKOTA AND RECOMPLETE THIS WELL TO THE BASIN FRUITLAND COAL GAS POOL ACCORDING TO THE ATTACHED PROCEDURES.

FOR TECHNICAL INFORMATION PLEASE CALL IRINA MITSELMAKHER 303-830-4371

RECEIVED
APR 14 1997
OIL CON. DIV.
DCA3

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OIL CON. DIV.
DCA3

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

Signed <u>Nancy Whitaker</u>	Title <u>Staff Assistant</u>	Date <u>03-28-1997</u>
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(This space for Federal or State office use)

Approved by AS/ Dame W. Spencer Title _____ Date APR 11 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

NMOCD



SJOET Well Work Procedure

Wellname: GCU #242
Version: #1
Date: January 9, 1997
Budget: DRA/Major Cash
Workover Type: PxA/Recompletion

Objectives:

1. Plug back Dakota horizon
 2. Perforate and fracture Fruitland Coal horizon
 3. Turn over to production
-

Pertinent Information:

Location:	1500 FNL & 1850 FWL, F S.24 28-12	Horizon:	Fruitland Coal
County:	San Juan	API #:	30-045-11736
State:	New Mexico	Engr:	Irina Mitselmakher
Lease:	SF-078904	Phone:	W--(303)830-4371
Well Flac:			H--(303)369-9301

Economic Information:

APC WI:	DK Prod. Before Repair:	0 MCFD
Estimated Cost:	DK Anticipated Prod.:	0 MCFD
Payout:	FC Prod. Before Repair:	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: surface	Point Lookout:
Kirtland Shale:	Mancos Shale: 4290'
Basal Ft Coal: 1534'	Gallup: 5190'
Pictured Cliffs: 1549'	Greenhorn: 5912'
Lewis Shale: 1760'	Graneros: 6023'
Chacra:	Dakota: 6130'
Cliffhouse: 3091'	Morrison:

Bradenhead Test Information:

Test Date: 3/1/92 **Tubing:** **Casing:** **BH:** 0 psi.

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

GCU #242
Sec. 24 T 28 R 12
Completed 6/66
PBTD=6215'

1. Check location for anchors. Install if necessary. Check anchors.
2. MIRUSU. Blow down well. NDWH. NUBOP's.
3. Lower tubing and tag PBTD (6215'). 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 5962'.
5. Test casing integrity to 500#. Report any leaks to Denver.
NOTE: In 1/94 casing leak was suspected at 3329' (lost 500# in 4 min). Leak was never squeezed.
6. Squeeze DK perfs (6062'-6072' and 6084'-6089' at 4spf, 6143'-6161' and 6190'-6198' at 3spf) with 50 sx cement + 25 cu ft cement to allow a 100 ft plug above perfs (6062'-5962'). Pull out of retainer.
7. Run GR/CCL/CBL. Correlate GR with the original SP/Induction log (there's no gamma ray log across MV and FC). Determine TOC. Verify that Mesaverde at 3091' is sufficiently isolated outside of casing. Spot a 100' cement plug on top of MV (25 cu ft cement). Verify that sufficient zonal isolation exists at 1534'-48' (Fruitland Coal). Report findings to Denver.
8. Pressure test casing to 2000 #.
9. RIH with casing guns and perforate FT Coal at the following interval (4 jsfp):

1534'-1548'
10. Fracture Basin Fruitland Coal 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 1540'. 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

070 FARMINGTON, NM

1525 \rightarrow $\begin{cases} 600 \text{ Sk} \\ 550 \text{ Sk} \\ 375 \text{ Sk} \end{cases}$ $\begin{matrix} 1^{\text{st}} \text{ Stage} \\ 2^{\text{nd}} \text{ Stage} \\ 3^{\text{rd}} \text{ Stage} \end{matrix}$

8 5/8" 24 #/ft @ 361'
200 Sks Cmt

Stage tool @ 4431'
550 sks Cmt

4 1/2" 10.5 #
600 sks Cmt @ 6252'

Calculated cmt top
3rd Stage 300'

Calculated cmt top
2nd Stage 2300'

Calculate cmt top
1st Stage $\approx 4900'$

PBTD 6215

TD 6252

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

Form C-102

Revised October 18, 1994

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

97 JAN 24 PM 1:08

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3004511736	Pool Code 71629	Pool Name BASIN FRUITLAND COAL GAS
Property Code 000570	Property Name GALLEGOS CANYON UNIT	Well Number 242
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5707 RDB

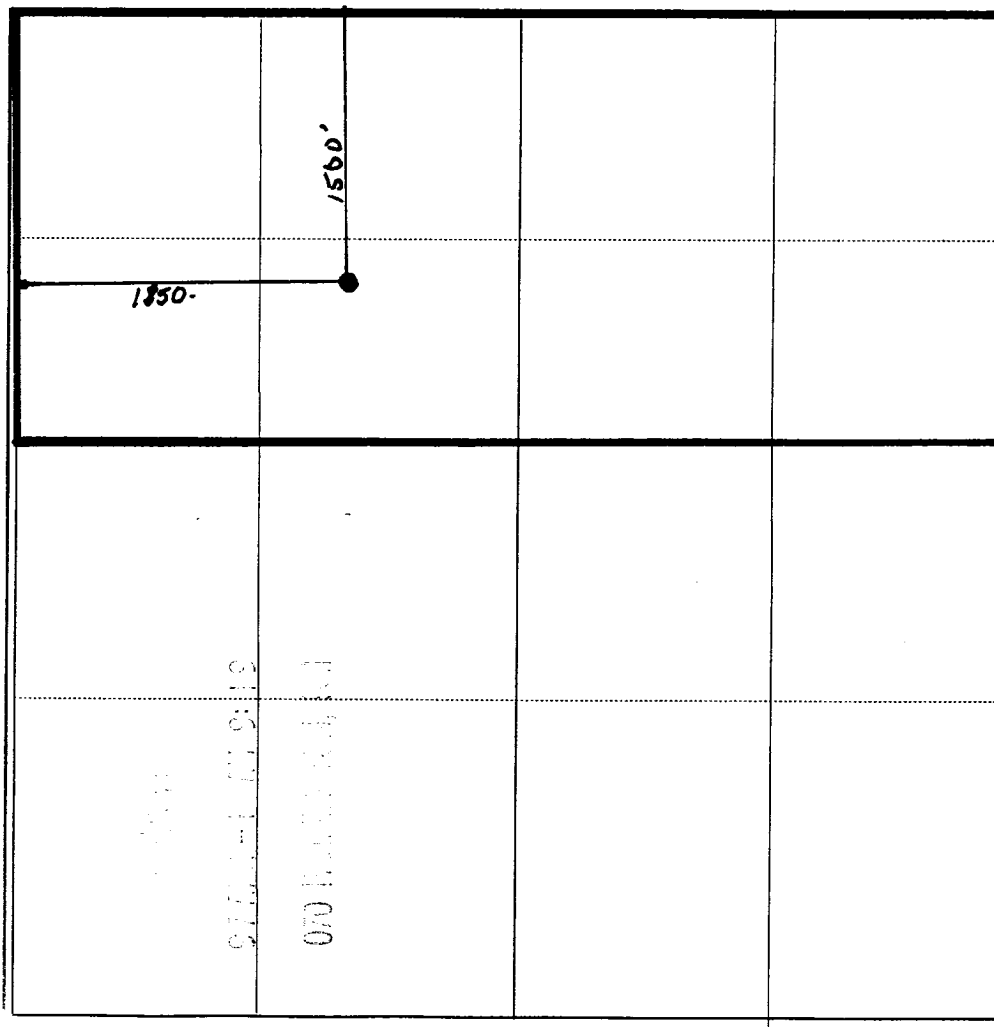
Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT F	24	28N	12W		1500	NORTH	1850	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: 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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Signature <i>Nancy I. Whitaker</i> Printed Name Nancy I. Whitaker Position Staff Assistant Date 01/23/1997
	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> 03/07/1966 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: 242 Gallegos Canyon Unit

CONDITIONS OF APPROVAL

1. Place a cement plug from 5240' to 5140' inside the casing plus 50 linear feet excess. (Gallup top @ 5190'--12 sks. cement)
2. If it is necessary to perforate the casing at 3141' to cement the annular space from 3141' to 3041', use 100% excess cement. (minimum cement 39 sks. annulus , 12 sks. casing--total 51 sks.) (Mesaverde top @ 3091')
3. **Mike Flaniken** with the Farmington District Office is to be notified at least 24 hours before the workover operations commence (505) 599-8907.