(June 1990)

UNITED STATES DEPARTMENT OF

FORM APPROVED

BURE	AU OF LAND MA	NAGEMEN	₹ IT	E	ludget Bur Expires:	reau No. 1004-0 March 31, 199)135)3
Do not use this form for pr	OTICES AND REP	n or reentry to a	different reservoir			d Serial No 077966	
	ICATION FOR PERMIT -	for such propos	sals			nent Designation	
1. Type of Well Gas Well Other				8. Well Nam	a and No.		
2. Name of Operator		Attention:				ANYON UNIT	239
AMOCO PRODUCTION COI 3. Address and Telephone No.	MPANY	Nancy I.	Whitaker	9. API Well	No.	ANTON UNIT	
P.O. BOX 800 DENVER, CO)LORADO 80201	3	03-830-5039	10. Field and	300 Pool, or Exp	04511740	
4. Location of Well (Footage, Sec., T., R., M., o	or Survey Description)					ND COAL GAS	2 0001
1860 FNL 1120 F	EL Sec. 24	T 28N R 13	BW UNIT H		or Parish, Stat		POOL
12. CHECK APPROPRI	ATE POY(a) TO U			s	an Juan	New	Mexico
TYPE OF SUBMISSION	ATE BOX(s) TO INI	DICATE NAT	URE OF NOTICE,	REPORT, O	R OTHE	R DATA	
THE OF CODIMISSION			TYPE OF ACTIO	N			
Notice of Intent Subsequent Report Final Abandonment Notice		Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other		Change of Plar New®Construct Non-Routine Fr Water Shut-Off Conversion to Dispose Water	tion racturing f		
			(Note: F	Report results of multi pletion Report and Log	iple completic	on Well Completion	ı or
13. Describe Proposed or Completed Operations (subsurface locations and measured and true	Clearly state all pertinent details, an	d give pertinent dates,	including estimated data of exa-	tine and to	7 101111.)		
AMOCO PRODUCTION CO COAL AND TO PERMANEN FOR TECHNICAL INFORMA	MPANY REQUESTS PE ITLY ABANDON THE BA	ERMISSION TO ASIN DAKOTA,	RECOMPLETE THE ACCORDING TO TH				give
				• •	$\mathfrak{S}^{\mathbb{N}}$	CO	
					<u>.</u>	; ;	
			DEGEN	VED 97	÷		
		Section	OIL COM. DIST. 3	DIV.	grand Signatur Signat Signat Signatur Signatur Signat Signat Signat Signat Signat Signat Signat Signat Signat S	0 0	
I hereby certify that the foregoing is true and cor							
Signed Aug Signed	Philips	Title	Staff Assis	tant		03-31-199	7
space for Federal or State office use)					Date		<u></u>
Approved by SI Duane W. S Conditions of approval, if any:	Spencer.	Title			- Date		

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, ficticious, or fraudulent statements or



SJOET Well Work Procedure



Wellname:

GCU #239

Version:

#1

Date:

January 17, 1997

Budget:

DRA/Major Cash

Workover Type:

PxA/Recompletion

Objectives:

Plug back Dakota horizon

Perforate and fracture Fruitland Coal horizon

Turn over to production

Pertinent Information:

Location:

1860 FNL and 1120 FEL, H S.24 28N-13W

Horizon:

Fruitland Coal

County: State:

San Juan

API #: Enar:

30-045-11740 Irina Mitselmakher

Lease:

New Mexico SF-077966

Phone:

W--(303)830-4371

Well Flac:

H--(303)369-9301

9

Economic Information:

APC WI:

DK Prod. Before Repair:

0 MCFD

Estimated Cost:

DK Anticipated Prod.:

0 MCFD

Payout: Max Cost -12 Mo. P.O.

FC Prod. Before Repair: FC Anticipated Prod.:

0 MCFD 200 MCFD

PV15:

Max Cost PV15:

Formation Tops: (Estimated formation tops)

Nacimento:

Ojo Alamo:

surface

Menefee:

3081'

Point Lookout:

3988'

Kirtland Shale:

1200'

Mancos Shale:

4284'

Fruitland Coal: Pictured Cliffs: Lewis Shale:

1497'

Gallup:

Greenhorn:

1695'

Graneros:

5152'

Chacra: Cliffhouse:

3029'

Dakota: Morrison:

6130'

Bradenhead Test Information:

BH

Test Date:

4/6/92

Tubing:

CSG

Casing:

CSG

INT

BH:

5 psi(*)

Time 5 min

10 min

15 min

had steady flow in 1992, repair may be required. BH test should be conducted prior *Bradenhead to recompletion, and procedure modified if necessary. Est. additional \$35,000.

GCU #239 Sec. 24 T 28 R 13 Completed 6/66 PBTD=6222'

- 1. Check location for anchors. Install if necessary. Check anchors.
- 2. MIRUSU. Blow down well. NDWH. NUBOP's.
- 3. Lower tubing and tag PBTD (6222'). POOH with 2 3/8" tubing and Baker Model "R" packer.
- 4. RIH with 2 3/8" workstring and cement retainer. Set retainer at 6046'.
- 5. Test casing integrity to 500#. Squeeze Dakota perfs at 6096'-6149' with 55 sx cement. Pull out of retainer and spot a cement plug to 5900' with 25 cu ft cement.
- 6. 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 3029' is sufficiently isolated outside of casing. Spot a 100' cement plug from 3079'-2979' with 20 cu ft cement. Verify that sufficient zonal isolation exists at 1465'-1484' (Fruitland Coal). Report findings to Denver.
- 7. Pressure test casing to 2000 #.
- 8. RIH with casing guns and perforate FT Coal at the following interval (4 jspf):

1465'-1484'

- 9. Fracture Basin Fruitland Coal according to attached procedure.
- 10. Flow back immediately on a 1/2" choke. Drop back to 1/4" choke if excessive sand production is seen.
- 11. Land 2 3/8" tubing at 1480'. Clean out / swab if necessary.
- 12. ND BOP's. NU and test wellhead. RDMOSU.

If problems are encountered, please contact:

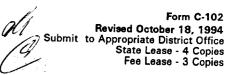
Irina Mitselmakher W: (303)830-4371 H: (303)369-9301

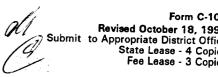
DISTRICT I P.O. Box 1980, Hobbs, NM 88240 DISTRICT II 31î South First,, Artesia, NM 88210 DISTRICTIII 1000 Rio Brazos Rd., Aztec, NM 87410 DISTRICT IV 2040 South Pacheco, Sante Fe, NM 87505

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Santa Fe, New Mexico 87505





WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number							DON PLA		
3004511740		Pool C	ode 71629	Pool N	Pool Name BASIN FRUITLAND COAL GAS POOL				
Property Code		Property Name				DAGIN	PROTEAND C	CAL GAS PO	OL
000570				GALLEGOS CANYON UNIT			Well Nu	Well Number	
OGRID No. Operator Name						239			
0007	778		AMOCO PRODUCTION COMPANY				Elevation	Elevation 5795 KB	
				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 H	24	28N	13W		1860	NORTH	1120	EAST	County San Juan
		Botto	om Hole	e Location	If Differer	nt From Sur	face		- Jan Jan
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		Consolidation Code		Order No.					
320							à		
NO ALLOW	ABLE WI	LL BE ASSIG OR A NON	NED TO I-STAND	THIS COMP	LETION UNT	IL ALL INTERI	ESTS HAVE I	BEEN CONSC	LIDATED

	OPERATOR CERTIFICATION
	I hereby certify that the informtion contained herein is true and complete to the best of my knowledge and belief
٠	, and a second
97.87	Signature Many Waleden
	Printed Name
	Nancy I. Whitaker Position
1/20'	Staff Assistant
7720	Date 03/31/1997
	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
	Signature & Seal of Professional Surveyor
	ERNEST V. ECHOHAWK
	Contract to
	Certificate No.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

_

Attachment to Notice of

Intention to Workover

Re: Plug Back

Well: 239 Gallegos Canyon Unit

CONDITIONS OF APPROVAL

- 1. Place a cement plug from 5201' to 5101' inside the casing plus 50 linear feet excess. (Gallup top @ 5151'--12 sks. cement)
- 2. If it is necessary to perforate the casing at 3079' to cement the annular space from 3079' to 2979', use 100% excess cement. (minimum cement 39 sks. annulus, 12 sks. casing--total 51 sks.) (Mesaverde top @ 3029')
- 3. **Mike Flaniken** with the Farmington District Office is to be notified at least 24 hours before the workover operations commence (505) 599-8907.