

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 - 078807A
2. Name of Operator AMOCO PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name
Attention: Nancy I. Whitaker		7. If Unit or CA, Agreement Designation
3. Address and Telephone No. P.O. BOX 800 DENVER, COLORADO 80201		8. Well Name and No. GALLEGOS CANYON UNIT 235E
303-830-5039		9. API Well No. 3004526348
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1190 FSL 1840 FEL 13 Sec. 3 T 28N R 13W UNIT O		10. Field and Pool, or Exploratory Area BASIN FRUITLAND COAL GAS POOL
		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 REQUESTS PERMISSION TO RECOMPLETE THE ABOVE WELL TO THE BASIN FRUITLAND COAL AND TO PERMANENTLY ABANDON THE BASIN DAKOTA

FOR TECHNICAL INFORMATION CONTACT IRINA MITSSELMAKHER 303-830-4371

RECEIVED
APR 14 1997
OIL CON. DIV.
DIST. 8

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

Signed

Nancy I. Whitaker

Title

Staff Assistant

Date

03-28-1997

(This space for Federal or State office use)

Approved by

/s/ Duane W. Spencer

Title

Date

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

NMOCO



SJOET Well Work Procedure

Wellname: GCU #235E
Version: #1
Date: February 10, 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:	1190 FSL & 1840 FEL, O S.13 28-13	Horizon:	Fruitland Coal
County:	San Juan	API #:	30-045-26348
State:	New Mexico	Engr:	Irina Mitselmakher
Lease:	SF-078807A	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:	2996'
Ojo Alamo: surface	Point Lookout:	3864'
Kirtland Shale:	Mancos Shale:	
Fruitland Coal:	Gallup:	5054'
Pictured Cliffs: 1382'	Greenhorn:	5862'
Lewis Shale:	Graneros:	5966'
Chacra: 2320'	Dakota:	6046'
Cliffhouse: 2964'	Morrison:	

Bradenhead Test Information:

Test Date: 9/24/93 **Tubing:** **Casing:** **BH:** 0 psi.

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

GCU #235E
Sec. 13 T 28 R 13
Completed 05/85
PBTD=6143'

1. Check location for anchors. Install if necessary. Check anchors.
2. MIRUSU. Blow down well. NDWH. NUBOP's.
3. Lower tubing and tag PBTD (6143'). 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 5922'.
5. Test casing integrity to 500#. Report any leaks to Denver.
6. Squeeze DK perms from 6080' to 5972' with 50 sx cement. Pull out of retainer and spot a 100' cement plug from 5922'- 5822' with 20 cu ft cement.
7. Run GR/CCL/CBL. Correlate GR with the original GR/Induction log. Determine TOC. Verify that Mesaverde at 2964' is sufficiently isolated outside of casing. Spot a 100' cement plug from 3014'- 2914' with 20 cu ft cement. Verify that sufficient zonal isolation exists at 1358'-1376' (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 jspf):

1358'-1376'
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 1376'. 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

Amoco Production Company

Sheet No _____ Of _____

File _____

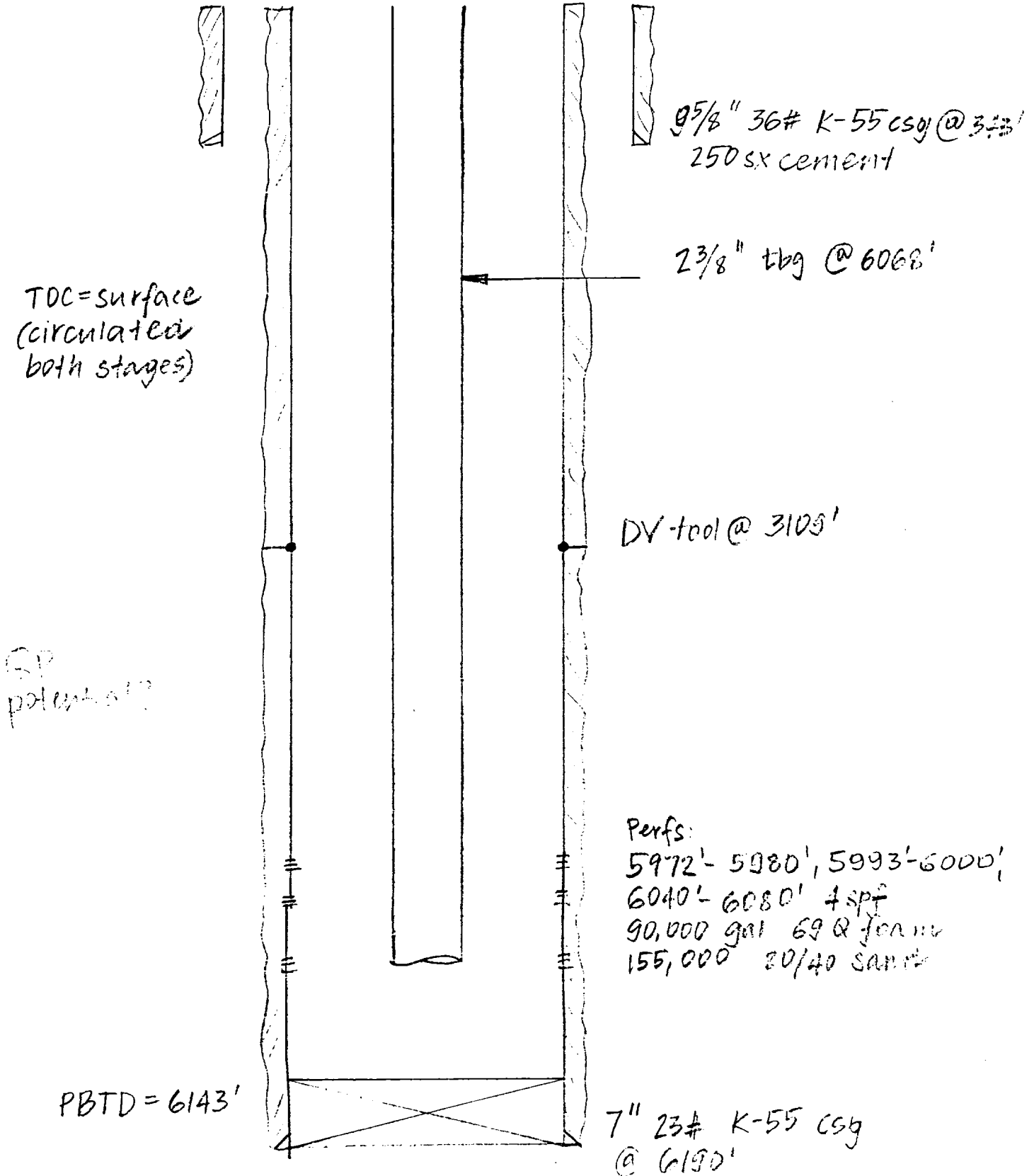
ENGINEERING CHART

Appn _____

SUBJECT ECM #235E Completed 05/85
Wellbore diagram

Date 1/16/97

By IM



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 87505Hold C-102
For 1996
APR 1996

Form C-102

Revised October 18, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3004526348	Pool Code 71629	Pool Name BASIN FRUITLAND COAL GAS POOL
Property Code 000570	Property Name GALLEGOS CANYON UNIT	Well Number 235E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5640

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 O	13	28N	13W		1190	SOUTH	1840	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		SURVEY CERTIFICATION
Date 03/28/1997		
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.		
Date of Survey 01/17/1985		
Signature & Seal of Professional Surveyor FRED B. KERR		Certificate No. 3950



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: 235E Gallegos Canyon Unit

CONDITIONS OF APPROVAL

1. Place a cement plug from 5104' to 5004' inside the casing plus 50 linear feet excess. (Gallup top @ 5054'--28 sks. cement)
2. If it is necessary to perforate the casing at 3014' to cement the annular space from 3014' to 2914', use 100% excess cement. (minimum cement 26 sks. annulus , 28 sks. casing--total 54 sks.) (Mesaverde top @ 2964')
3. **Mike Flaniken** with the Farmington District Office is to be notified at least 24 hours before the workover operations commence (505) 599-8907.