

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-078132
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
8. Well Name and No. Annie L. Elliott B 6E
9. API Well No. 3004525716
10. Field and Pool, or Exploratory Area Basin Dakota
11. County or Parish, State SAN JUAN NEW MEXICO

97 AUG 15 PM 1:14
070 FARMINGTON, NM

1. Type of Well Oil Well Gas Well Other
2. Name of Operator AMOCO PRODUCTION COMPANY Attention: Pat Archuleta
3. Address and Telephone No. P.O. BOX 800 DENVER, COLORADO 80201 303-830-5217
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 590' FNL 650' FWL Sec. 10 T 29N R 9W UNIT D

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing Repair, Altering Casing, Other, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-Off, Conversion to Injection, Dispose Water.

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 to the Blanco Mesaverde per the attached procedurs.

If you have any technical questions contact Mark Rothenberg at (303) 830-5612.

RECEIVED AUG 22 1997 OIL CON. DIV. DIST. 3

14. I hereby certify that the foregoing is true and correct. Signed Pat Archuleta Title Staff Assistant Date 08-12-1997

(This space for Federal or State office use) Approved by /s/ Duane W. Spencer Title Date AUG 20 1997

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



5 JET Well Work Procedure

Wellname: Annie L. Elliott B 6E
Version: #1
Date: July 16, 1997
Budget: Major Cash
Repair Type: Recompletion

Objectives:

1. Check for and eliminate casing leaks.
 2. Recomplete to the Mesa Verde
 3. Establish gas rates and shut-in pressures on the MV.
 4. Place MV on production--commingle with the existing DK.
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Pertinent Information:

Location:	590 FNL x 650 FWL; 10D-29N-09W	Horizon:	DK
County:	San Juan	API #:	30-045-25716
State:	New Mexico	Engr:	J. Woytek
Lease:	Fee	Phone:	H-(303) 215-1435
Well Flac:	846062		W-(303)830-5260

Economic Information:

APC WI:	93%	Prod. Before Repair:	60 MCFD
Estimated Cost:	\$114 M	Anticipated Prod.:	300MCFD
Payout:	3.9 years		
ROI:	3.37	IRR:	22.1
DROI(13):	0.4	PV(13)	\$37 M

Note: Estimated cost does not include surface equipment.

Formation Tops: (Estimated formation tops)

Nacimiento:		Menefee:	4210'
Ojo Alamo:	1220'	Point Lookout:	4666'
Kirtland Shale:	1370'	Mancos Shale:	4996'
Fruitland:	2150'	Gallup:	5914'
Pictured Cliffs:	2434'	Graneros:	6740'
Lewis Shale:		Dakota:	6794'-TD
Cliff House	3935'	TD:	7240'

Bradenhead Test Information:

Test Date: 7/17/96 Tubing: 218 Casing: 333 BH: 0

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments:

Annie L. Elliott B-6E
29N-09W-10D

The Annie L. Elliott B-6E was drilled and completed as a DK well in 1984. It still is currently productive at a rate of 60 MCFD although its tubing is set below all DK perforations, possibly causing loading problems and decreasing the well's potential rate. Raising the tubing and cleaning any fill covering the DK perms should increase DK production.

The main objective of this workover is to recomplete the Annie L. Elliott B-6E in the MV. Although this would add a third well to the existing spacing unit, a reservoir simulation and previous 3rd well recompletions indicate that this recompletion will improve drainage, increasing reserves and accelerating the rate of MV production. The MV sands are well developed in this area as indicated by the well's logs and offset performance.

Annie L. Elliott B-6E

TD = 7240' PBTB = 6970'

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Suggested Procedure:

1. Check location for anchors. Install if necessary. Test anchors.
2. MIRUSU. Record DK SITP and CP. Blow down well. Kill with water only if necessary (DK will be put back on production).
3. POOH with 2 3/8" tbg. NDWH. NUBOP.
4. Set CIBP at 4900' with wireline or tubing and spot sand on BP. Circulate hole clean.
5. Pressure test casing/plug to anticipated frac pressure. Isolate any leaks. Do not perform remedial cementing until CBL has been run.
6. Run CBL/CCL/GR from CIBP to TOC at approx. 2431'. Determine actual TOC and relay CBL info to Mark Rothenberg (continuous fax 303-830-4276) in Denver and verify if remedial cement squeezes will be needed prior to fracture treatment.
7. Correlate depth control to Gearhart Compensated Density/Neutron Log dated 1/28/84. Perf MV and select fire 29 shots at:
4048', 4054', 4078', 4084', 4089', 4093', 4117', 4137', 4147', 4173', 4177',
4185', 4195', 4362', 4465', 4527', 4577', 4587', 4667', 4671', 4675', 4679',
4683', 4687', 4703', 4709', 4725', 4730', 4733'
8. Break down/ ball off perfs with acid and 1.1 SG RCN balls. Knock off balls with junk basket.
9. Frac MV perfs according to frac procedure. (Note: Balls will be dropped during frac)
10. Flow back MV interval as soon as possible on 1/4" choke, increasing to 1/2" or larger according to activity of well and sand or water production. Establish and record gas, water, and oil rates and flowing and shut in TP and CPs. Obtain water and gas samples.
11. RIH with 2 3/8" production string and tag fill, c/o sand to CIBP at 4900'.
12. Pull up and land 2 3/8" production string at 4390'.
13. Place well on production.

Annie L. Elliott B-6E

TD = 7240' PBTD = 6970'

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Note: This procedure assumes that Cmgl. approval will not be received before RU. If it is, procedure will be altered to Cmgl. immediately.

Supplementary Cmgl. Procedure (proceed when cmgl. approval is received)

1. TOH. TIH w/ tbg, bit or mill and drill out CIBP and clean out to PBTD at 6970' (or at least 6912').
2. TIH w/ 2 3/8" production string and land at 6795'.
3. Restore DK and MV production.

Note: Since this procedure may involve recompletion and DRA expenditures, please be sure to label all invoices accordingly so that costs can be accounted for properly.

If problems are encountered, please contact:

Jeff Woytek
(W) (303) 830-5260
(H) (303) 215-1435

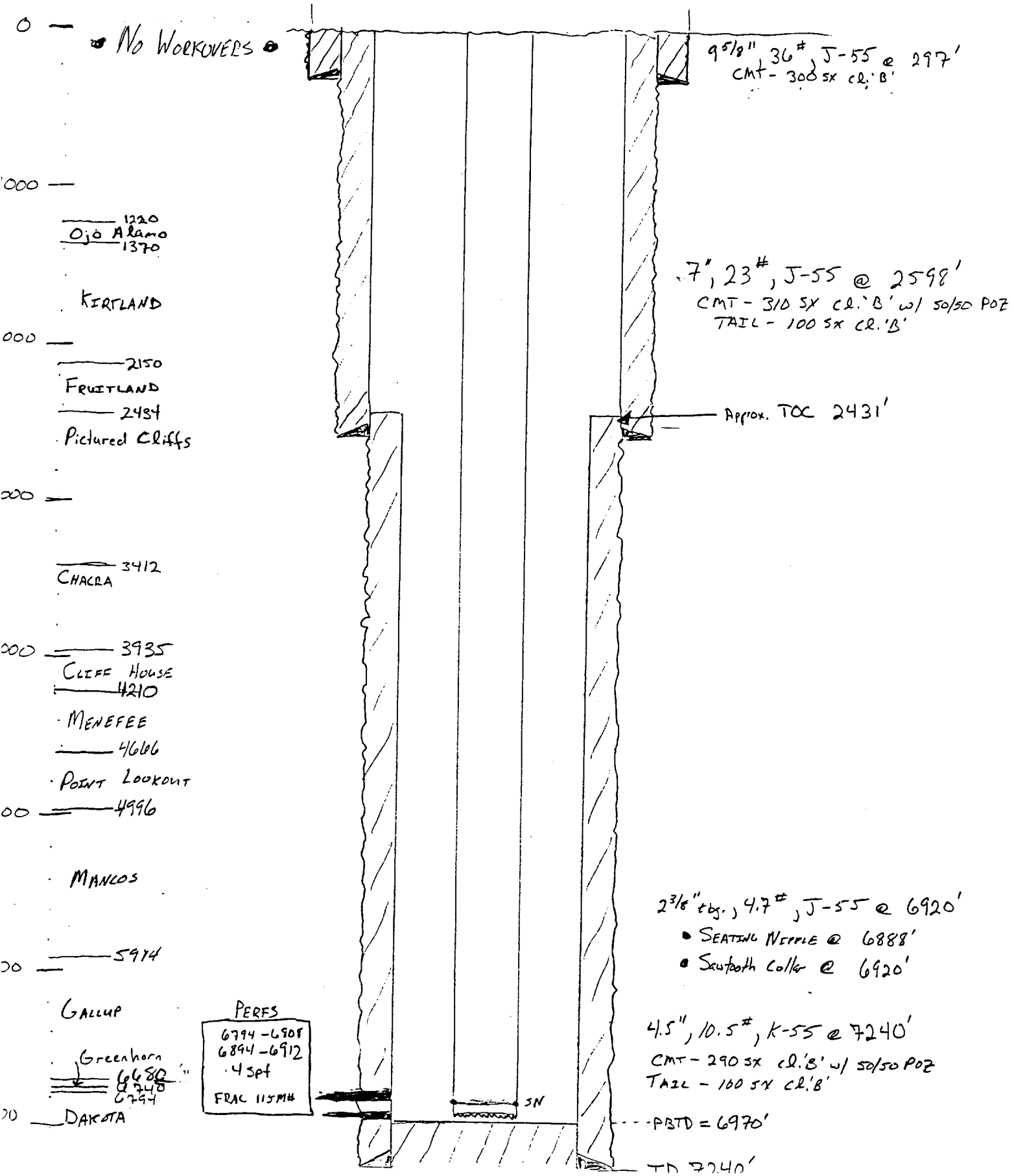
Amoco Production Company

Sheet No. _____ of _____
 File _____
 Appn _____
 Date 7/11/97
 By JW

ENGINEERING CHART

SUBJECT ANNIE ELLIOTT B GE APT: 3004525716
530 FML x 65 FWL 29N09W-10

SPUD
1/17/84



• No WORKOVERS •

9 5/8" 36# J-55 @ 297'
 CMT - 300 SX CL.'B'

1220
 Ojo Alamo
 1370

KIRTLAND

7" 23# J-55 @ 2598'
 CMT - 310 SX CL.'B' w/ 50/50 POZ
 TAIL - 100 SX CL.'B'

2150
 FRUITLAND

2484
 Pictured Cliffs

Approx. TOC 2431'

3412
 CHACRA

3935
 CLIFF HOUSE
 4210

MENESEE
 4606

POINT LOOKOUT
 4996

MANCOS

5914

GALLUP

2 3/8" 4.7# J-55 @ 6920'
 • SEATING NEEDLE @ 6888'
 • Sawtooth collar @ 6920'

PERFS
 6794-6908
 6894-6912
 4 spt
 FRAC 115M4

Greenhorn
 6680
 6740
 6794

4.5" 10.5# K-55 @ 7240'
 CMT - 290 SX CL.'B' w/ 50/50 POZ
 TAIL - 100 SX CL.'B'

DAKOTA

PBTD = 6970'
 TD 7240'

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

Hold over
ALB
For

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WELL LOCATION AND ACREAGE DEDICATION PLAT

070 FARMINGTON, NM

API Number 3004525716	Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 000460	Property Name Annie L. Elliott B	Well Number 6E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5816

Surface Location

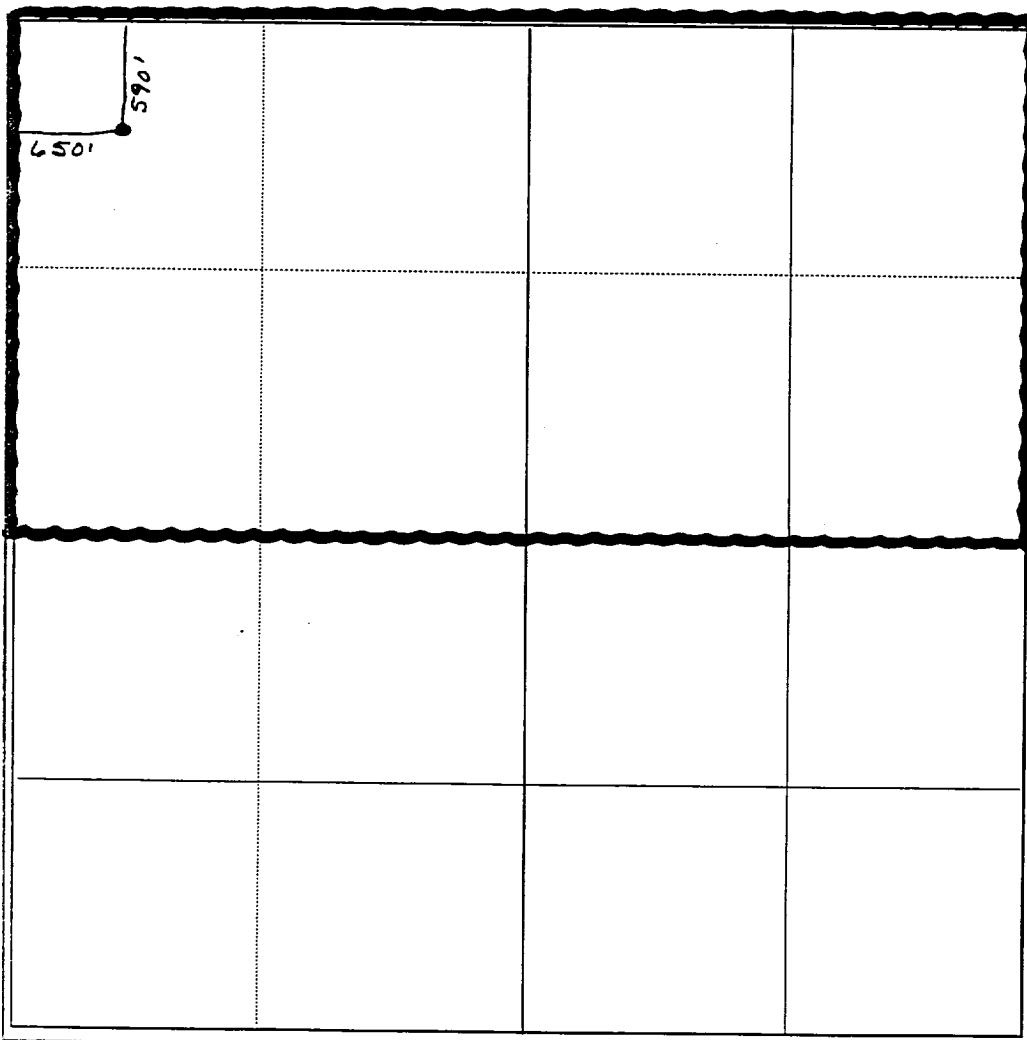
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT D	10	29N	9W		590	NORTH	650	WEST	San Juan

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.
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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>Pat Archuleta</i>
Printed Name	Pat Archuleta
Position	Staff Assistant
Date	07/16/1997
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>	
01/11/1983	
Date of Survey	
Signature & Seal of Professional Surveyor	Fred B. Kerr Jr.
Certificate No.	3950