

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies
AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ☐ ADD A ZONE

Operator Name and Address Amoco Production Company P. O. Box 3092 Houston, Texas 77253		LOGRID Number 000778
Property Code 000658	Property Name Heath Gas Com J	API Number 30 - 045-23726
		Well No. 1E

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	9	29N	09W		790'	North	1040'	West	San Juan

Proposed 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

Proposed Pool 1

Blanco Mesaverde

Proposed Pool 2

Work Type Code Plug Back	Well Type Code Gas	Cable/Rotary Rotary	Lease Type Code Fee	Ground Level Elevation 5703'
Multiple No	Proposed Depth 6500'	Formation Mesaverde	Contractor Aztec	Spud Date 01/05/2000

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	32.3#	300'	310 SXS CLS B	Surface
8 3/4"	7"	20#	2561'	550 SXS CLS B	unknown
6 1/4"	4 1/2"	11.6#	6860'	470 SXS CLS B	unknown

Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Please see attached for recompletion procedure and current wellbore sketch.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Mary Corley

Printed name: Mary Corley

Title: Sr. Business Analyst

Date: 12/27/1999

Phone: 281-366-4491

OIL CONSERVATION DIVISION

Approved by:

Title: SUPERVISOR DISTRICT # 3

Approval Date: DEC 28 1999

Expiration Date:

Conditions of Approval:

Attached ☐

Heath Gas Com J #1E Recompletion Procedure

Procedure:

1. Check anchors. MIRU.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down well. If necessary, kill with 2% KCL water.
4. Nipple down WH. NU BOPs.
5. Tag and tally OH with 2-3/8" production tubing set at 6793'. Inspect tbg while POOH.
6. TIH with bit and scraper for 4-1/2" casing.
7. RU WL unit and lubricator. TIH and set CIBP at 6575' (37' above top Dakota perf).
8. TIH with tubing, load hole with 2% KCL, and spot 75' cement plug from 6500' - 6575' (approx 7 cu ft). TOH to 5650'. Spot 100' CMT plug across Gallup. TOH.
9. RU WL unit. TIH and set CIBP at 4750'.
10. Run CBL over MV interval (3700' - 4700') to ensure zonal isolation across the MV. Fax CBL results to James Dean @ 281-366-7143. If cement coverage is inadequate for the recompletion, perform squeeze job based on CBL results.
11. Pressure test casing to 1500 psi.
12. RIH with perforating guns. Perforate Point Lookout formation (correlate to GR log) 2 spf, 120° phasing.
Point Lookout Perforations: 4362', 4370', 4374', 4378', 4396', 4404', 4408', 4424', 4430', 4444', 4454', 4460', 4464', 4472', 4484', 4488', 4500', 4512', 4518', 4528', 4566', 4580', 4584'
13. RU frac equipment. Use 2% KCL/N2 foam in fracture stimulation.
14. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
15. Flowback frac immediately.
16. RU WL and set CIBP between Point Lookout and Cliffhouse at 4100'.
17. RIH with perforating guns. Perforate Cliffhouse formation (correlate to GR log) 2 spf, 120° phasing.
Cliffhouse Perforations: 3794', 3797', 3822', 3828', 3835', 3844', 3849', 3856', 3866', 3880', 3886', 3893', 3914', 3916', 3924', 3930', 3936', 3940', 3944', 3954', 3958'
18. RU frac equipment. Use 2% KCL/N2 foam in fracture stimulation.
19. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
20. Flowback frac immediately.
21. TIH with tubing and bit. Drill bridge plug and cleanout fill to 4750'. Do not drill up bridge plug at 4750'.
22. TIH with 2-3/8" production tubing and land at 4500'.
23. ND BOP's. NU WH. Return well to production.

District I
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505
OPERATOR'S MONTHLY REPORT

1

Form C-115
Revised May, 1997
☐ Amended Report

2 Operator: ELLIOTT A. RIGGS 3 OGRID: 007160 4 Month/Year 10/98

5 Address: P. O. BOX 711, FARMINGTON, NM 87499-0711 6 Page 1 of 1

7		INJECTION			PRODUCTION					DISPOSITION OF OIL, GAS AND WATER							
POOL NO. AND NAME Property No. and Name Well No. & U-L-S-T-R API No.		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
		C O D E	Volume	Pressure	C O D E	Barrels of oil/condens- ate produced	Barrels of water produced	MCF Gas produced	Days Produced	C O D E	Point of Disposition	Gas BTU or Oil API Gravity	Oil on hand at beginning of month	Volume (Bbls/mcf)	Transporter OGRID	C O D E	Oil on hand at end of month
71200 AZTEC FRUITLAND 009659 Martin 001 H 24-29N-11W 30-045-08080		F				0	0	0	31	G	2214930	1177		0	007057		
		1			2					3						4	

I hereby certify that the information contained in this report is true and complete to the best of my knowledge.

24 Mona Riggs Mona Riggs, Agent 12/12/98 (505) 325-8194

Heath Gas Com J #1E

Sec 9, T29N, R9W

GL: 5703'

History:

Completed in 2/80

Well has history of liquid loading

Original Dakota Perforations

6612 - 6684' 2 spf

6718 - 6792' 2 spf

est. TOC @ unknown

9-5/8" 36#, H40 ST&C @ 300'
310 sacks cmt

est. TOC unknown

7" 20#, K55, ST&C @ 2561'
550 sxs cmt

est. TOC unknown

Tubing: 2-3/8" 4.7#, J55 @ 6793'

4-1/2", 11.6#, K55 ST&C (or N80 LT&C) @ 6860'
470 sacks cmt

PBTD: 6841'

Note: Wellfile unclear on production grade
of 4-1/2" production casing

4-1/2" Cement Job Notes:

- no comments in well files

updated: 9/2/99 jad

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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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-23726	Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 000658	Property Name Heath Gas Com J	Well Number 1E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5703' GR

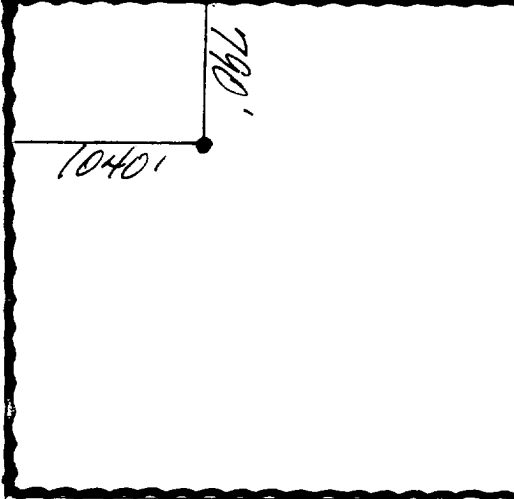
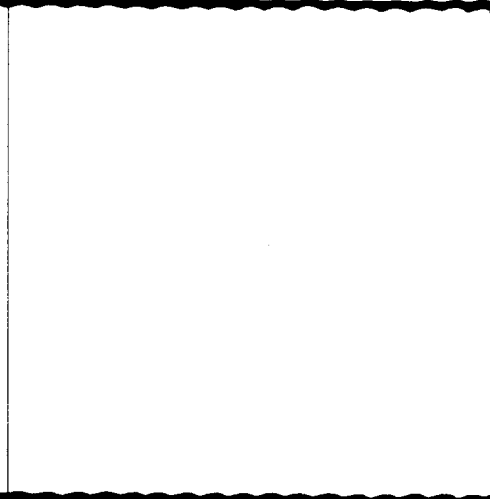
Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT D	9	29N	9W		790'	NORTH	1040'	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**

	
RECEIVED DEC 28 1999 OIL CON. DIV. DIST. 3	

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature

Printed Name

Position

Sr. Business Analyst

Date

12/27/1999

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.

07/21/1979

Date of Survey

Signature & Seal of Professional Surveyor

Fred B. Kerr, Jr.

Certificate No.

3950