

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORT 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.

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
SF-076337

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

1. Type of Well

☐ Oil
Well

☒ Gas
Well

☐ Other

8. Well Name and No.

Heath Gas Com P 1E

2. Name of Operator

Attention:

Amoco Production Company

Patty Haefele

9. API Well No.

3004525659

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-4988

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

790' FNL & 880' FWL

Section 31

T30N

R9W

Unit C

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

☒ 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

(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 recomplete this well to the Blanco Mesaverde formation.

RECEIVED
SEP - 9 1996

OIL CON. DIV.
DIST. 3

RECEIVED
BLM
96 AUG 29 PM 12:32
070 FARMINGTON, NM

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

Signed

Patty Haefele

Title Staff Assistant

Date 08/28/96

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

APPROVED

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, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

* See Instructions on Reverse Side

NMOCD

District Manager

District I
PO Box 1980, Hobbs, NM 88241-1980

District II

811 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 & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

RECEIVED
BLM

96 AUG 29 PM 12:32 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION, NM

API Number 30-045-25659	Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 000664	Property Name Heath Gas Com P	Well Number 1E
OGRID No. 000778	Operator Name Amoco Production Company	Elevation 5967'

10 Surface Location

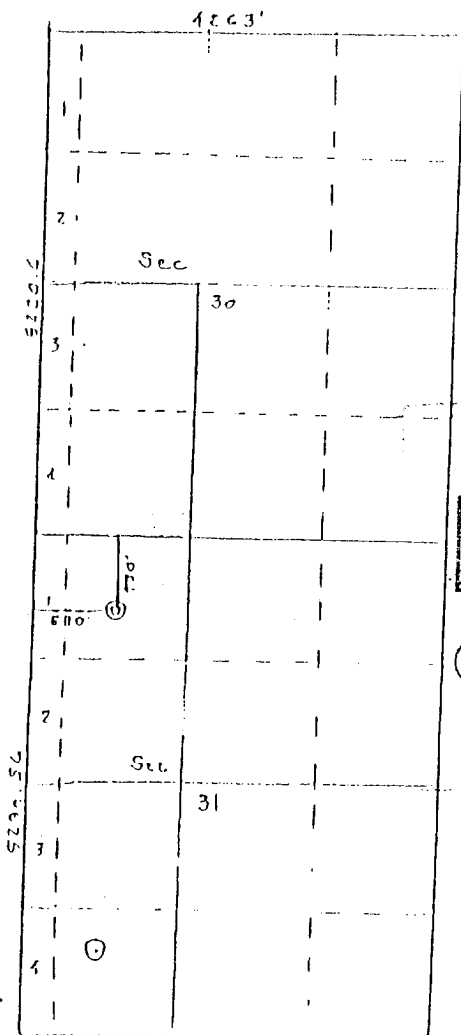
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	31	30N	9W		790	North	880	West	San Juan

11 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 Acres 308.56	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



RECEIVED
SEP - 9 1996
OIL CON. DIV.
DIST. 3

17 OPERATOR CERTIFICATION

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

Signature <i>Patty Haeefe</i>
Printed Name Patty Haeefe
Title Staff Assistant
Date 8/5/96

18 SURVEYOR 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 belief.

Date of Survey 12/20/82
Signature and Seal of Professional Surveyor: on file
Certificate Number

SJOET Well Work Procedure

Version: 1

Name: Heath Gas Com P #1E

Date: July 8, 1996

Budget: Recompletion

Work Type: Recompletion

Objectives:

Recomplete and downhole commingle the well into the Mesaverde horizon (4170'-5062')

1. TOOH w/ 2 3/8" tbg set @ 7035'
 2. Perforate and stimulate PLO horizon (4800'-5062')
 3. Perforate and stimulate Menefee horizon (4430'-4700')
 4. Perforate and stimulate Cliff House horizon (4168'-4325')
 5. Cleanout fill and land 2 3/8" tbg @ 7035'
 6. Return well to production
-

Pertinent Information:

Location: Unit C Sec 31-30N-9W

County: San Juan

State: New Mexico

Lease: SF-076337

Flac (well) No: 846106

Horizon: MV/DK

API #: 30-045-25659

Engineer: G.M. Kutas

Phone: W - (303) 830-5159

H - (303) 840-3700

P - (303) 553-6334

Economic Information:

APC WI: 78.5%

Estimated Cost: \$150,000.

Payout: 2.1 years

DK Pre-Production: 100 MCFD

DK Post-Production: 100 MCFD

Anticipated MV Prod: 400 MCFD

Anticipated Total Prod: 500 MCFD

Estimated Formation Tops:

Nacimiento:

Ojo Alamo: 1372'

Kirtland Shale: 1944'

Fruitland:

Pictured Cliffs: 2548'

Lewis Shale:

Cliff House: 4166'

Menefee:

Point Lookout: 4797'

Mancos Shale:

Gallup: 5883'

Greenhorn: 6818'

Dakota: 6920'

Morrison:

PBTD: 7100'

TD: 7148'

Bradenhead Test Information:

Test Date: 8/30/93 Tbg: 291 psi Int: 000 psi Csg: 421 psi BH: 000 psi

Time	BH	INT	CSG
5 min	0	0	0
10 min	0	0	0
15 min	0	0	0

1. Check Anchors. MIRUSU. Nipple down WH. Nipple up BOP.
2. Set tubing plug in SN @ 6994' w/ WL.
3. Tag PBTD and TOOH w/ 2 3/8" tubing .
4. Run bit and scraper to 7100'.
5. Run 4 1/2" gauge ring to 5100'.
6. Set RBP @ 5100'.
7. Pressure test casing to 3000 psi. Run GR/CCL/CBL from 4100'-5100'. Tie into Gearhart SP/IDL log dated 2-5-1984 for depth control. If csg pressure test fails, run tbg x pkr and isolate leak. Cement squeeze will be based on location and extent of leak. D/O cmt to PBD.
8. TIH w/ perf gun. Perforate PLO pay intervals using limited entry techniques. Utilize 3 1/8" HCP w/ 12.5 g charges (0.34" EHD, 13.13" PEN). Perf as follows: 4804', 08', 11', 15', 19', 23', 27', 39', 51', 60', 63', 67', 80', 86', 90', 95', 4904', 5059' with 18 total shots.
9. BD perfs using 2% KCl water/ 500 gal 7 1/2% FeHCl and 7/8" RCN balls w/ 1.1 SG. Recover balls with junk basket.
10. RU frac equipment. Frac PLO according to frac schedule A. Flowback well as soon as stimulation equipment is disconnected and moved off. Flow back well starting w/ 1/4" choke gradually increasing to 1/2" choke. Record flowing and shutin pressures, choke size, and liquid recoveries.
11. Set RBP @ 4770'.
12. TIH w/ perf gun. Perforate Menefee pay intervals using limited entry techniques. Utilize 3 1/8" HCP w/ 12.5 g charges (0.34" EHD, 13.13" PEN). Perf as follows: 4442', 44', 62', 64', 68', 73', 77', 4504', 06', 37', 53', 58', 65', 4622', 53', 58', 92', 98' with 18 total shots.
13. BD perfs using 2% KCl water/ 500 gal 7 1/2% FeHCl and 7/8" RCN balls w/ 1.1 SG. Recover balls with junk basket.
14. RU frac equipment. Frac Menefee according to frac schedule B. Flowback well as soon as stimulation equipment is disconnected and moved off. Flow back well starting w/ 1/4" choke gradually increasing to 1/2" choke. Record flowing and shutin pressures, choke size, and liquid recoveries.
15. Set RBP @ 4400'.
16. TIH w/ perf gun. Perforate Cliff House pay intervals using limited entry techniques. Utilize 3 1/8" HCP w/ 12.5 g charges (0.34" EHD, 13.13" PEN). Perf as follows: 4171', 74', 80', 81', 4208', 10', 18', 21', 28', 34', 38', 39', 60', 69', 94', 98', 4300', 09', 15', 20' with 20 total shots.

17. BD perfs using 2% KCl water/ 500 gal 7 1/2% FeHCl and 7/8" RCN balls w/ 1.1 SG. Recover balls with junk basket.
18. RU frac equipment. Frac Cliff House according to frac schedule C. Flowback well as soon as stimulation equipment is disconnected and moved off. Flow back well starting w/ 1/4" choke gradually increasing to 1/2" choke. Record flowing and shutin pressures, choke size, and liquid recoveries.
19. Retrieve bridge plugs @ 4400', 4770' , and 5100'. C/O well to PBTD.
20. TIH w/ 2 3/8" tbg x SN x saw toothed collar x plug. Land @ 7035'.
21. Retrieve plug w/ WL.
22. Nipple down WH. Nipple up BOP.
23. SI well. RDMOSU.
24. Return well to production.

If problems are encountered, please contact:

G.M. Kutas

W - (303) 830-5159

H - (303) 840-3700

P - (303) 553-6334