

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED-
Budget Bureau No. 1004-0135
Expires: September 30, 1990

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

1999 DEC 14 AM 9:42

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

1. Type of Well

☐ OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator

Amoco Production Company

Mary Corley

3. Address and Telephone No.

P.O. Box 3092 Houston, TX 77253

(281) 392-0574

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

790' FNL 1520' FWL Sec. 21 T29N R08W Unit C

5. Lease Designation and Serial No.

SF - 078046

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Hughes 1E

9. API Well No.

30-045-25457

10. Field and Pool or Exploratory Area
Basin Dakota/Blanco
Mesaverde

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

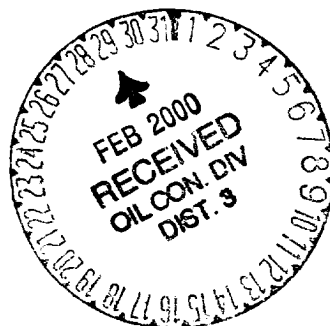
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection

Downhole Commingle

(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 request permission to perf the Mesaverde formation in the subject well and commingle production downhole with the existing Dakota formation as per the attached procedure.



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

Signed Mary Corley Title Sr. Business Analyst

Date 12/13/99

(This space for Federal or State office use)

Approved by /s/ Charlie Beecham Title _____

Date FEB 21 2000

Conditions of approval, if any:

chse

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

NMOCD

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

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87505

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670 E. WASHINGTON, N.M.

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-25457	Pool Code 72319 & 71599	Pool Name Blanco Mesaverde & Basin Dakota
Property Code 000698	Property Name Hughes	Well Number 1E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 6452' 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 C	21	29N	8W		790	NORTH	1520	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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature: <i>Mary Corley</i> Printed Name: MARY CORLEY Position: Sr. Business Analyst Date: 12/13/1999
	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. Date of Survey: 05/28/1982 Signature & Seal of Professional Surveyor: Fred B. Kerr, Jr. Certificate No.: 3950

Hughes #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. Pressure test to 500 psi.
5. Tag and tally OH with 2-1/16" production tubing set at 7400'. 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 5650'. Load hole with 2% KCL.
8. Run CBL over MV interval (4600' - 5600') 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.
9. Pressure test casing to 1500 psi.
10. RIH with perforating guns. Perforate Point Lookout formation (correlate to GR log) 2 spf, 120° phasing.
PL Perforations: 5285', 5295', 5310', 5320', 5330', 5340', 5360', 5383', 5386', 5430', 5450', 5465', 5475'
11. RU frac equipment. Use 2% KCL/N2 foam in fracture stimulation.
12. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Maintain surface pressures ≤ 3000 psi during frac job to stay within 80% of the 7" casing burst rating.
Contingency: If injection pressures are too high and no break back is seen with the 500 gal HCL acid, prepare and pump balloff procedure.
13. Flowback frac immediately.
14. RU WL and set CIBP between Point Lookout and Cliffhouse at 5050'.
15. RIH with perforating guns. Perforate Cliffhouse formation (correlate to GR log) 2 spf, 120° phasing.
CH Perforations: 4698', 4705', 4708', 4710', 4720', 4740', 4745', 4750', 4760', 4770', 4790', 4820', 4825', 4880'
16. RU frac equipment. Use 2% KCL/N2 foam in fracture stimulation.

17. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Maintain surface pressures ≤ 3000 psi during frac job to stay within 80% of the 7" burst rating.
Contingency: If injection pressures are too high and no break back is seen with the 500 gal HCL acid, prepare and pump balloff procedure.
18. Flowback frac immediately.
19. TIH with tubing and bit. Cleanout fill and drill bridge plugs.
21. TIH with 2-1/16" production tubing and land at 7400'. Run 2-1/16" blast joints across MV perforated intervals.
22. ND BOP's. NU WH. Return well to production.

Hughes #1E
Sec 21, T29N, R8W

GL 6452'

History:
Completed in 2/83

Original Dakota Perforations
7358 - 7362' 1 spf
7366 - 7380' 1 spf
7384 - 7393' 1 spf
7537 - 7540' 2 spf
7575 - 7579' 2 spf

PBTD: 7605'

est. TOC @ surf (circ 10 bbls)

9-5/8" 36#, K55 ST&C @ 311'
265 cu ft cmt

est. TOC surf (circ 10 bbls)

DV tool @ 2260'
2 nd stage: 200 sxs (364 cu ft) cmt

Top of 4-1/2" liner @ 3510'

7" 23#, K55, ST&C @ 3660'
1rst stage: 300 sxs (450 cu ft) cmt

est. TOC unknown

Tubing: 2-1/16" 3.25#, N80 Butt @ 7400'

4-1/2", 10.5#, K55, ST&C (86 jts, 3510'-6955')
4-1/2", 11.6#, K55, ST&C (15 jts on btm, 6955'-7630')
415 sacks cmt

4-1/2" Cement Job Notes:
- Did not reverse out cmt or spacer
off liner top

updated: 9/2/99 jad