

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

**SUBMIT IN TRIPLICATE**

5. Lease Designation and Serial No.

**SF 078049**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**Hughes A 2E**

9. API Well No.

**30-045-25403**

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

11. County or Parish, State

**San Juan New Mexico**

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 772533**

**(281) 366-4491**

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

**1030' FSL & 1770' FEL Sec. 27 T29N R8W Unit O**

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ 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 complete the subject well into the Mesaverde formation and commingle production down hole 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 **02/01/00**

(This space for Federal or State office use)

Approved by

*Erol Becher*

Title

Date

Conditions of approval, if any:

*chsc*

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

**NMOC**

**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

200 FEB -3 AM 12:31

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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	30-045-25403	Pool Code	71599 & 72319	Pool Name	Basin Dakota & Blanco Mesaverde
Property Code	000701	Property Name	Hughes A	Well Number	2E
OGRID No.	000778	Operator Name	AMOCO PRODUCTION COMPANY	Elevation	6675' GR

**Surface Location**


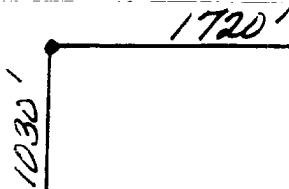
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT O	27	29N	8W		1030'	SOUTH	1720'	EAST	San Juan

**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
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Dedicated Acreage:	Joint or Infill	Consolidation Code	Order No.
320			

**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.**

	<b>OPERATOR CERTIFICATION</b>
	<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p>Signature <i>Mary Corley</i></p> <p>Printed Name <b>MARY CORLEY</b></p> <p>Position <b>Sr. Business Analyst</b></p> <p>Date <b>02/01/2000</b></p>
	<b>SURVEY CERTIFICATION</b>
	<p>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.</p> <p><b>05/03/1982</b></p> <p>Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p><b>Fred B. Kerr, Jr.</b></p> <p>Certificate No. <b>3950</b></p>

## Hughes A #2E Recompletion 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 2-3/8" production tubing set at 7638'. Inspect tbg while POOH.  
Remove junk from tubing (junk tagged with slickline at 7602' on 12/7/99).
6. TIH with bit and scraper for 4-1/2" casing.
7. TIH and set CIBP at 5800'. Load hole with 2% KCL.
8. Run CBL over MV interval (4750' - 5750') to ensure zonal isolation across the MV.
9. Pressure test casing to 1500 psi.
10. RIH with perforating guns. Perforate Point Lookout formation (correlate to GR log) 2 spf, 120° phasing.  
Point Lookout Perforations: 5415', 5425', 5432', 5447', 5465', 5475', 5480', 5495', 5500',  
5505', 5522', 5525', 5544', 5453', 5462', 5478', 5605', 5615',  
5625'
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.
13. Flowback frac immediately.
14. RU WL and set CIBP between Point Lookout and Cliffhouse at 5200'.
15. RIH with perforating guns. Perforate Cliffhouse formation (correlate to GR log) 2 spf, 120° phasing.  
Cliffhouse Perforations: 4868', 4870', 4882', 4884', 4905', 4910', 4922', 4930', 4935',  
4938', 4954', 4958', 4980', 4985', 4990', 5000'
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18. Flowback frac immediately.
19. TIH with tubing and bit. Cleanout fill, drill bridge plugs, and cleanout fill to PBTD at 7787'.
21. TIH with 2-3/8" production tubing and land at 7500'.
22. ND BOP's. NU WH. Return downhole commingled well to production.

# Hughes A #2E

Sec 27, T29N, R8W

GL: 6671'

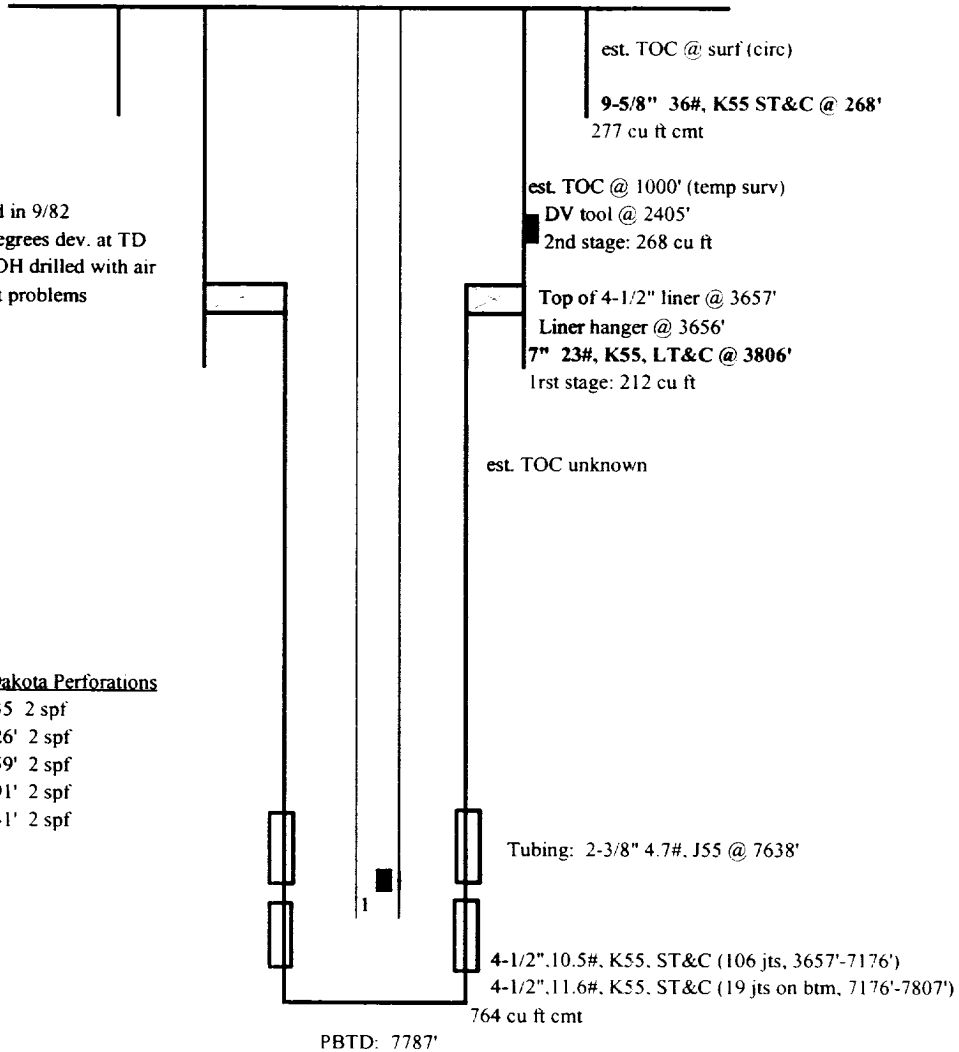
## History:

Completed in 9/82

- 2-3/4 degrees dev. at TD
- 6-1/4" OH drilled with air without problems

## Original Dakota Perforations

- 7521 - 7535 2 spf
- 7623 - 7626' 2 spf
- 7653 - 7659' 2 spf
- 7685 - 7691' 2 spf
- 7732 - 7741' 2 spf



## 4-1/2" Cement Job Notes:

- good circulation during cmt job
- reversed 10 bbls spacer but no cmt
- 1) Tagged junk @ 7602' (SL run 12/7/99)
- Fluid level @ 7300'

updated: 9/7/99 jad

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800 FEB -3 AM 10:31

SUBMIT IN TRIPLICATE

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1720' - ?  
1030' FSL & 1770' FEL Sec. 27 T29N R8W Unit O

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*okst*

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OIL CONSERVATION, DIV.

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Property Code 000701	Property Name Hughes A		Well Number 2E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY		Elevation 6675' GR

**Surface Location**


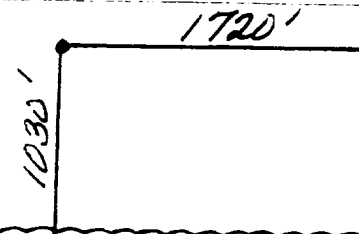
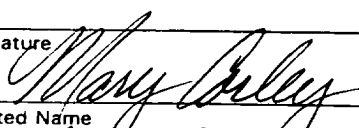
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est. TOC @ surf (circ)

9-5/8" 36#, K55 ST&C @ 268'

277 cu ft cmt

est. TOC @ 1000' (temp surv)

DV tool @ 2405'

2nd stage: 268 cu ft

Top of 4-1/2" liner @ 3657'

Liner hanger @ 3656'

7" 23#, K55, LT&C @ 3806'

1st stage: 212 cu ft

est. TOC unknown

Tubing: 2-3/8" 4.7#, J55 @ 7638'

4-1/2", 10.5#, K55, ST&C (106 jts, 3657'-7176')

4-1/2", 11.6#, K55, ST&C (19 jts on btm, 7176'-7807')

764 cu ft cmt

PBTD: 7787'

## 4-1/2" Cement Job Notes:

- good circulation during cmt job
- reversed 10 bbls spacer but no cmt
- 1) Tagged junk @ 7602' (SL run 12/7/99)
- Fluid level @ 7300'

updated: 9/7/99 jad