

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION  
P.O. Box 2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

Santa Fe, New Mexico 87504-2088

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	3004528979
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Lorraine Gas Com
8. Well No.	1Y
9. Pool name or Wildcat	Basin Dakota
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	5887' GR

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
2. Name of Operator Amoco Production Company	Attention: Patty Haefe
3. Address of Operator P.O. Box 800 Denver Colorado 80201 (303) 830-4988	
4. Well Location Unit Letter D : 1170 Feet From The North Line and 1090 Feet From The West Line Section 26 Township 30N Range 8W NMPM San Juan County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5887' GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: Perforate/Plug Back ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Amoco Production Company requests permission to perforate the upper Dakota and plug back the lower Dakota per the attached procedures.

RECEIVED  
MAR 18 1996  
OIL CON. DIV.  
DIST. 3

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

SIGNATURE Patty Haefe TITLE Staff Assistant DATE 03-14-1996  
TYPE OR PRINT NAME Patty Haefe TELEPHONE NO. (303) 830-4988

(This space for State Use)

APPROVED BY Johnny Robinson TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAR 18 1996  
CONDITIONS OF APPROVAL, IF ANY:

## SJOET Well Work Procedure

Lorraine Gas Com #1Y

Version: #1

Date: February 6, 1996

Budget: Expense/Well Repair

Work Type: Perforation

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### Objectives:

Plug back lower Dakota due to no gas rate. Perforate upper Dakota for pay add.

1. Sting out cement retainer with 2 7/8" - 2 3/8" tapered tubing assembly set @ 7190'.
2. Drill out retainer and set CIBP @7330'.
3. Perforate upper Dakota zone 7212'-7310'.
4. Put well on production.

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### Pertinent Information:

Location: Unit D, Sec 26-T30N-R8W  
County: San Juan  
State: New Mexico  
Lease: 188453  
Well Flac: 710277

Horizon: DK  
API #: 3004528979  
Engineer: R.F. DeHerrera  
Phone: W - (303) 830-4946  
H - (303) 439-7893

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### Economic Information:

APC WI: 56.25%  
Estimated Cost: 22.5 M\$  
Payout: 2.5 months  
Max Cost - 12 month PO: 108.1 M\$

DK Pre-Production: 00 MCFD  
DK Post-Production: 300 MCFD

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### Estimated Formation Tops:

Nacimiento:	Point Lookout: 4896'
bs Ojo Alamo: 1740'	Mancos Shale: 5294'
Kirtland / Fruitland: 2523'	Gallup: 5900'
Pictured Cliffs: 2717'	bs Greenhorn: 6963'
Lewis Shale:	Dakota: 7023'
Cliff House: 4405'	Morrison: 7356'
Menefee: 4551'	TD: 7390'
	PBTD: 7380'

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### Bradenhead Test Information:

Test Date: Tbg: 000 psi Int: 000 psi Csg: 000 psi BH: 000 psi

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

Comments:

Lorraine Gas Com #1Y  
Orig. Comp. 10/93  
TD = 7390'  
PBSD = 7380'  
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1. MIRUSU.
2. Blow down tubing, ND tree, NU BOP's.
3. Pressure test back side of casing to 1000 psi with N2. Notify the engineer if there are any casing failures. If holes are present, determine the location and prepare to squeeze.
4. Sting out of cement retainer with 2 7/8" - 2 3/8" tapered tubing assembly set @ 7190'.
5. TIH with work string and 3 1/2" bit. Drill out the EZSV cement retainer set @ 7190'.
6. RDSU. RUWL.
7. TIH with 4 1/2" CIBP and set @ 7325'.
8. TIH with perforating gun with packoff, 4 jspf, 120 degrees phasing using 3.125" HSC ported guns (12.5 GM, 0.34" EHD, 13.13 TTP) . Perf underbalanced 4 jspf 7298'-7310'.
9. TOOH with perf gun. Flow well for 5 hours and advise the engineer about the status of the interval.
10. TIH with perf gun. Perf underbalanced 4 jspf 7212'-7218' and 7260'-7270'. Isolate if necessary and flow well for 5 hours. Advise the engineer about the status.
11. TOOH with perf gun.
12. Flow back well.
13. TIH with 2 3/8" tubing. Land tubing @ 7260'.
14. RDMOSU.
15. Return well to production.

If problems are encountered, please contact:

Robert F. DeHerrera

W - (303) 830-4946  
H - (303) 439-7893