

DISTRICT I

P.O. Box 1980, Hobbs, NM

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	3004510431
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	Mudge LS
8. Well No.	#7
9. Pool name or Wildcat	Blanco Mesaverde

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 Gail M. Jefferson
P.O. Box 800 Denver Colorado 80201 (303) 830-6157	
4. Well Location Unit Letter M : 798 Feet From The SOUTH Line and 980 Feet From The WEST Line	
Sectio 23 Township 31N Rang 11W NMPM SAN JUAN County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	5915' GL

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: Perf and Frac ☒

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)

Amoco Production Company requests permission to perf and frac the above referenced well per the attached procedures.

If you have any technical questions please contact Dean Tinsley at (303) 830-6141 or Gail Jefferson for any administrative concerns.

RECEIVED  
OCT 15 1998  
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 Gail M. Jefferson TITLE Sr. Admin. Staff Asst. DATE 10-13-1998  
TYPE OR PRINT NAME Gail M. Jefferson TELEPHONE NO. (303) 830-6157

(This space for State

ORIGINAL SIGNED BY ERNIE BUSCH

DEPUTY OIL & GAS INSPECTOR, DIST. #3

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE OCT 19 1998  
CONDITIONS OF APPROVAL, IF ANY:

5' PBTD = 4927'

Check anchors. MIRUSU.

2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. Tag and Tally OH with 2.375" tubing (set at 4795). TIH with Bit X Scraper to PBTD.
6. RU DS Wireline Unit and Packoff.
7. Log Mesa Verde interval with CBL/GR/CCL to insure zonal isolation across MV. Please fax logs to (303) 830-5388.
8. Perforate the following interval 120 deg. phasing using 3 1/8" HSC ported guns (12.5 GM, .34" EHD. 13.13 TTP, Select Fire). Correlate with Dresser Atlas Densilog dated 11/4/73:  
4210, 4215, 4248, 4252, 4273, 4278, 4355, 4359, 4407, 4412, 4417,  
4439, 4446, 4452, 4460, 4475, 4482, 4488, 4508, 4514, 4522, 4527
9. TIH with composite BP. Set @ +/-4570'.
10. TIH with tapered Frac String (2 3/8" tubing across Cliffhouse, 2 7/8" to surface) X Packer. Pressure test RBP. Set packer @ +/-4185. Well has squeezed Cliffhouse perms. from 3960-4174.
11. Break down and balloff perms with 1.5 X's excess; 1.1 SG RCN balls.
12. TOOH with tbg x pkr.
13. Retrieve balls with WL junk basket. TIH x set packer @ 4190'.
14. Fracture Stimulate down tubing according to schedule 'A'.
15. Flow back immediately, untill well logs off.
16. TOH with frac string, pkr.
17. DO Composite BP; CO to PBTD.
18. TIH with 2 3/8" land at 4750.
19. Return well to production; monitor and set plunger if necessary.

SUBJECT

Mudge LS

ENGINEERING CHART

7

File

Appn

Date

By PAE

370 400 160 90

9 5/8" 36 #/ft J-55  
CSG

Sg hole @ 1275'  
Sg w/ 125 sx (11/73)

Fruitland Coal  
Pictured Cliffs

MV perfs:

3960' - 4174'

Sg w/ 100 sx (3/90)

4602' - 4904'

MV Cliffhouse

7" 23 #/ft J-55

CSG

2 3/8" 4.7 #/ft J-55 TBG

4 1/2" 10.5 #/ft K-55 CSG

TOC = Surface  
CSG SA 16-

600'

TOC = ?

1180'

Ojo Alamo

BOC = ?

TOC = 2000' (ts  
2150'

2370'

TOC = ?

3970'

CSG SA 4552'

TBG LA 4963 4745

CSG SA 4945'

TD 4945' PBD 4927'