

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. SF-078051
2. Name of Operator Amoco Production Company		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 400, Denver Co 80201		7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1350' FSL 685' FWL Sec. 14 T 31N R 11W		8. Well Name and No. Mudge Com B 2E
		9. API Well No. 3004525381
		10. Field and Pool, or Exploratory Area Basin Dakota
		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	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other pit	<input type="checkbox"/> 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 intends to recomple to the Mesaverde formation in the subject well. Once recompleted into the Mesaverde, the well will be dual produced with the existing Dakota zone per attached procedure.

Amoco also requests approval to construct a temporary 15'X15'X5' (maximum size) blow pit for return fluids. This pit will be reclaimed upon completion of this operation.

If you have any questions please contact Julie Acevedo at 303-830-6003.

RECEIVED
MAR 17 1993
OIL CON. DIV.
DIST 3

RECEIVED
BLM
93 MAR -9 AM 11:39
070 FERTILIZATION, NM

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

Signed <u><i>Julie Acevedo</i></u>	Title Sr. Staff Assistant	Date 03-04-1993
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(This space for Federal or State office use)

Approved by _____ Title _____
Conditions of approval, if any:

APPROVED

MAR 12 1993

DISTRICT MANAGER

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.

RECOMPLETION PROCEDURE
MUDGE COM B 2E

MAR. 03, 1993 (2nd VERSION)

1. Record TP, SICP, and SIBHP.
2. MIRUSU.
3. Blow down well.
4. Install BOP.
5. TOH with 2 3/8" tubing.
6. TIH with RBP and set at 6800'. Cap with 5 sacks of sand.
7. Pressure test casing to 3500 psi.
8. Make a scraper run inside the 4 1/2" liner to 6800'.
9. Run a GR/CCL/CBL from 5500' to surface and determine TOC for both the 4 1/2" liner and the 7" casing. Relay CBL info to Paul Edwards in Denver, and verify whether squeeze work will be necessary prior to the second MV fracture treatment and so he can pick perms for step 15.
10. Correlate the GR/CCL/CBL with Gearhart's Induction/GR Log dated 82/06/08. RU lubricator and TIH with 3 1/8" casing gun and perforate the following MV intervals with 2 JSPF, 90 deg. phasing and 15 g charges.

PERFORATE

4746' - 50'	4776' - 92'	4800' - 18'	4823' - 28'
4835' - 39'	4846' - 51'	4858' - 63'	4866' - 69'

11. Fracture stimulate these perms according to the attached Frac Schedule 'A'.
12. TIH with RBP (for 7" csg) and set at 4520'. Cap with 5 sacks of sand.
13. RU lubricator and TIH with 4" casing gun and perforate the MV intervals with 2 JSPF, 90 deg. phasing, and 23 g charges. Perforations will be determined based on the GR/CCL/CBL.
14. Fracture stimulate these upper perms according to the attached Frac Schedule 'B'.
15. Open well slowly 4 hours after the frac. Flow back overnight.
16. Clean out with N2 to RBP at 4520' and TOH with same.
17. Continue to flow back load until sand entry has ceased.
18. Clean out sand to RBP at 6800' and TOH with same.
19. Clean out to PBDT (7100'?) with N2. If the CBL run in step 9 shows that the PC and Fruitland are not in communication then steps 20-26 may not be necessary.
20. TIH with RBP and set at 3000' inside the 7" casing, cap with 5 sacks of sand.
21. Perforate 2 squeeze holes between the Fruitland and the PC (estimated to be at 2530'). Check depth with the GR/CCL/CBL and with Halliburton's density log on the Great Western operated Neil Gas Com B 1 coal well dated 90/11/07.
22. TIH with a cement retainer and set at 2000'.
23. Conduct a block squeeze by pumping 500 sacks of cement through the perms.
24. Sting out of retainer, TOH, and WOC.
25. Drill out cement to RBP. Pressure test squeeze perms and resqueeze if necessary.
26. TOH with RBP set at 3000'.
27. TIH with 2 3/8" tubing and a permanent packer. Set packer at 5100', and land 2 1/16" tubing at 6990' with a seating nipple one joint off of bottom.

RECOMPLETION PROCEDURE
MUDGE COM B 2E

28. TIIH with 1 1/2" tubing and land at 4530' with a seating nipple one joint off of bottom and continue to flow back load until well is capable of producing against 350 psi.
29. Tie the DK string back into surface equipment and turn over to production.