

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 type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. NM403549
2. Name of Operator AMOCO PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 800, Denver, Colorado 80201		7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1520 FSL 1650 FEL Sec. 19 T 28N R 8W		8. Well Name and No. BOLACK 2E
		9. API Well No. 3004524910
		10. Field and Pool, or Exploratory Area 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
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input checked="" type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <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 PROPOSES TO RECOMPLETE THIS WELL IN THE MESAVERDE, REPERF THE DAKOTA PER THE ATTACHED PROCEDURE. THE WELL WILL BE PRODUCED AS A DUAL WELL.

RECEIVED
MAY 16 1994
OIL CON. DIV.
DIST. 3

RECEIVED
MAY 16 1994
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct
Signed Wayne Branam Title Business Analyst Date 05-06-1994
(This space for Federal or State office use)

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

APPROVED
MAY 16 1994

*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.

MESA VERDE RECOMPLETION

Bolack 2E DK
19N-28N-8W
Orig. Comp. 7/75
TD = 6780', PBTD = 6779'

Reported TOC on the 7" casing is 150' (in the surface casing). Reported TOC on the 4.5" casing is 2585' (top of liner) from a Temperature Survey.

This well will be recompleted in the Mesa Verde and the Dakota will be re-perfed.

1. Contact Federal or State agency prior to starting repair work.
2. Install and/or test anchors.
3. MIRUSU. Check and record tubing, casing and bradenhead pressures.
4. Blow well down, kill well if necessary with 2% KCL.
5. Nipple down well head, nipple up and pressure test BOP's.
6. Trip in the hole with bit and scraper to the top of the perforations. A seating nipple and standing valve may be run in order to pressure test the tubing.
7. RU lubricator. Run a GR/CBL/CCL from PBTD to 300', correlate to original GR/Induction log run by Welex on 10-26-81. Ensure remedial cementing will not be necessary prior to perforating MV. Relay results to Lara Kwartin in Denver.
8. Swab well down to 6400'. Re-perforate the following DK intervals, underbalanced, with a 3 1/8" casing gun, 2 JSPF, 120 deg. phasing and 12.5 gm charge (.34" hole, 13.13" penetration).

RE-PERFORATE DAKOTA

6580-6614'	6636-42'	6650-54'	6662-66'	6678-82'
	6686-90'	6698-6700'	6706-10'	

9. Trip in the hole with wireline RBP and set at +/- 6000'. Spot sand on RBP.
10. Swab fluid level down to 4100'.
11. Perforate, underbalanced, the Cliff House with a 3 3/8" casing gun, 2 JSPF, 120 deg. phasing and 16 gm charge (.38" hole, 15.46" penetration).

PERFORATE CLIFF HOUSE

4248-52'	4444-62'	4480-88'	4510-20'	4536-38'	4546-62'
	4592-94'	4622-24'	4760-62'		

12. Fracture stimulate the Cliff House according to the attached procedure.
13. Clean out sand with N2 to RBP at 6000'.
14. TOH with RBP at 6000'.
15. TIH with a packer and set at 5000'. Sting into packer and land 1 1/2" tubing at 6710' with a seating nipple one joint off of bottom.
16. TIH with 1 1/4" tubing for the MV and land at 4760'.
17. RDMOSU.
18. Flow back the DK and MV, swabbing or utilizing Nitrogen as necessary. Tie well back into surface equipment and turn over to production.

If problems are encountered, please contact:

Lara Kwartin

(w) (303) 830-5708

(H) (303) 343-3973