

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side.		5. Lease Serial No. SF-078336-B
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator AMOCO PRODUCTION COMPANY		7. If Unit or CA/Agreement Name and/or No.
3a. Address P.O. BOX 3092 HOUSTON, TX 77079	3b. Phone No.(include area code) 281.366.4491	8. Well Name and No. BARRETT LS 4
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1190FEL 1190FNL A - 20-31N - 9W		9. API Well No. 3004510598
		10. Field and Pool, or Exploratory Area BLANCO MESAVERDE
		11. County or Parish, and State SAN JUAN NM

12. CHECK APPROPRIATE BOX(ES) 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"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be files within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Amoco Production Company request permission to perforate the Cliffhouse formation and restimulate the subject well as per the attached procedure.



Electronic Submission #2414 verified by the BLM Well Information System for AMOCO PRODUCTION COMPANY Sent to the Farmington Field Office
Committed to AFMSS for processing by Maurice Johnson on 01/26/2001

Name (Printed/Typed) MARY CORLEY	Title SUBMITTING CONTACT
Signature	Date 01/22/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date 2/6/01
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

NMCCB

Barrett LS #4 Perf & Restimulation Procedure

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down wellhead. Kill with 2% KCL water ONLY if necessary.
4. Nipple down WH. NU BOPs.
5. Tag for fill, tally OH, and LD 2-3/8" production tubing currently set at 5440'.
6. PU 5450' replacement 2-3/8" production tubing.
7. RIH with 4-1/2" CIBP. Set CIBP between Menefee and Cliffhouse intervals at 5040'.
8. RIH with tubing-set 4-1/2" RBP. Set RBP at 4800'. PU 1 joint, load the hole the 2% KCL water, and pressure test casing to 1500 psi.
9. Blow the wellbore dry and retrieve 4-1/2" RBP.
10. RIH with 3-1/8" casing guns. Perforate the Cliffhouse formation.

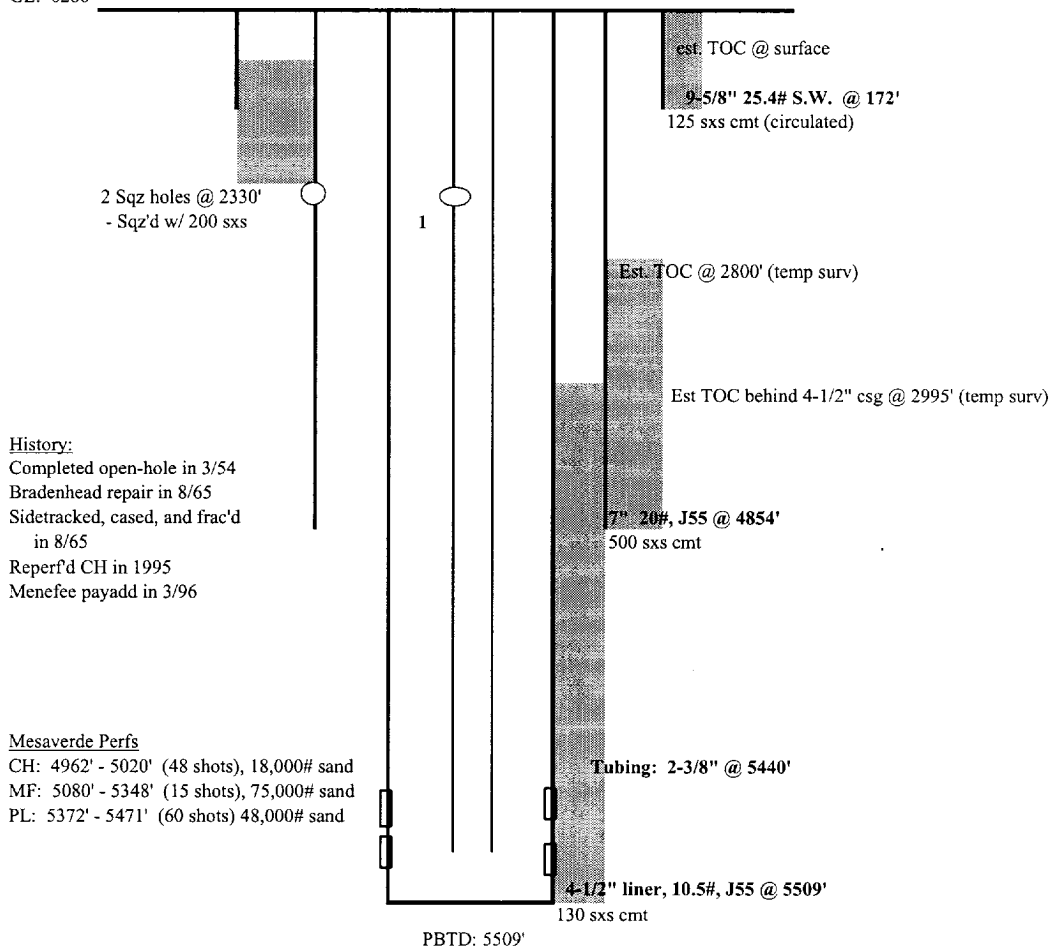
4874', 4877', 4885', 4889', 4899', 4901', 4921', 4923', 4947', 4950', 4960', 4988', 4990',
4997', 5006'
11. RU frac equipment and install WH isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
12. Spearhead 500 gal, 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
13. Flowback frac immediately.
14. TIH with tubing and bit. Cleanout fill and drill bridge plug set at 5040'. Cleanout fill to PBTD at 5509'. Blow well dry at PBTD.
15. RIH with 2-3/8" production tubing. Land production tubing at 5450'.
16. ND BOP's. NU WH. Test well for air. Return well to production.

Barrett LS #4

Sec 20, T31N, R9W

API#: 30-045-10598

GL: 6286'



NOTES:

- 1) Hole in tubingbtwn 1500' - 2500' detected with SL on 4/21/2000
- 2) Well was formerly rod pumped
 - 2/74 Rodded up well
 - 7/74 Repaired pump
 - 5/78 Changed out rods
 - 4/81 Repaired tubing leak
 - 9/85 Repaired tbg leak
 - Removed rods and pump, removed mud anchor
- 3) Detailed CH perfs - 4962' - 4970', 5012'-5020'
- 4) Detailed PL perfs- 5372' - 7380', 5402' - 5406', 5426'- 5454', 5463' - 5471'

updated: 12/11/00 jad