

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. NM 04208
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 CONOCO INC.		7. If Unit or CA/Agreement Name and/or No.
3a. Address    P. O. BOX 2197, DU 3084 HOUSTON, TX 77252-2197	3b. Phone No.(include area code) 281.293.16*3	8. Well Name and No. MCCULLEY-JOHNSON 1
4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)  990FEL 1650FNL <i>H 15-38N 09W</i>		9. API Well No. 3004507478
		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 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 checked="" 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 recomplection 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.)  
Conoco proposes to Plug and Abandon the above mentioned well as per attached procedure.



Electronic Submission #2811 verified by the BLM Well Information System for CONOCO INC. Sent to the Farmington Field Office Committed to AFMSS for processing by Maurice Johnson on 03/02/2001	
Name (Printed/Typed)    YOLANDA PEREZ	Title    COORDINATOR
Signature	Date    03/02/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date    3/7/01
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 _____	

## PLUG AND ABANDONMENT PROCEDURE

2/19/01

**McCulley – Johnston #1**  
Blanco Mesaverde  
1650' FNL, 990' FEL, NE Sec. 15, T28N, R9W  
San Juan County, New Mexico, API #30-045-07478  
Long / Lat

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement is ASTM Type II, (15.6ppg, 1.18 cf/sx).

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Conoco safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and tally 1-1/2" IJ tubing (4614'). Round-trip 5-1/2" gauge ring or casing scraper to 3715', or as deep as possible.
3. **Plug #1 (Mesaverde Open Hole Interval, 3715' – 3615')**: Set 5-1/2" wireline CIBP or cement retainer at 3715'. TIH with open ended tubing and tag. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 17 sxs cement and spot a balanced plug inside casing above the CIBP to isolate the Mesaverde open hole interval. TOH with tubing.
4. **Plug #2 (Pictured Cliffs and Fruitland tops, 2300' – 1962')**: Perforate 3 HSC squeeze holes at 2300'. Establish rate into squeeze holes if casing tested. Set 5-1/2" cement retainer at 2250'. Establish rate into squeeze holes. Mix 189 sxs cement, squeeze 145 sxs cement outside 5-1/2" casing and leave 44 sxs cement inside casing to cover through the Pictured Cliffs and Fruitland tops. TOH with tubing.
5. **Plug #3 (Kirtland and Ojo Alamo tops, 1406' – 1160')**: Perforate 3 HSC squeeze holes at 1406'. Establish rate into squeeze holes if casing tested. Set 5-1/2" cement retainer at 1356'. Establish rate into squeeze holes. Mix 140 sxs cement, squeeze 106 sxs cement outside 5-1/2" casing and leave 34 sxs cement inside casing to cover through the Ojo Alamo top. TOH and LD tubing.
6. **Plug #4 (10-3/4" Surface casing, 219' to Surface)**: Perforate 3 HSC squeeze holes at 219'. Establish rate out bradenhead valve. Mix and pump approximately 110 sxs cement down 5-1/2" casing and circulate good cement out bradenhead valve. Shut well in and WOC.
7. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

**McCulley – Johnston #1**

**Current**

**Blanco Mesaverde**

**NE, Section 15, T-28-N, R-9-W, San Juan County, NM**

**API # 30-045-07478**

**Long /**

Today's Date: 2/19/01

Spud: 3/19/52

Completed: 9/8/52

Elevation: 5885' GL  
5895' KB

Ojo Alamo @ 1210'

Kirtland @ 1356'

Fruitland @ 2012'

Pictured Cliffs @ 2275'

Mesaverde @ 3800'

12-1/4" hole

10-3/4" H-40, 32.75# Casing set @ 169'  
Cmt w/ 135 sxs (Circulated to Surface)

1-1/2" Tubing Set at 4614'  
(2.4#, IJ)

TOC @ 2310' (T.S.)

8-3/4" hole

5-1/2" 15.5# J-55 Casing set @ 3765'  
Cemented with 300 sxs (354 cf)

4-3/4" hole

Mesaverde Open Hole:  
4368' – 4638'

**TD 4638'**

**McCulley – Johnston #1**  
**Proposed P&A**  
**Blanco Mesaverde**  
NE, Section 15, T-28-N, R-9-W, San Juan County, NM  
**API # 30-045-07478**

Long /

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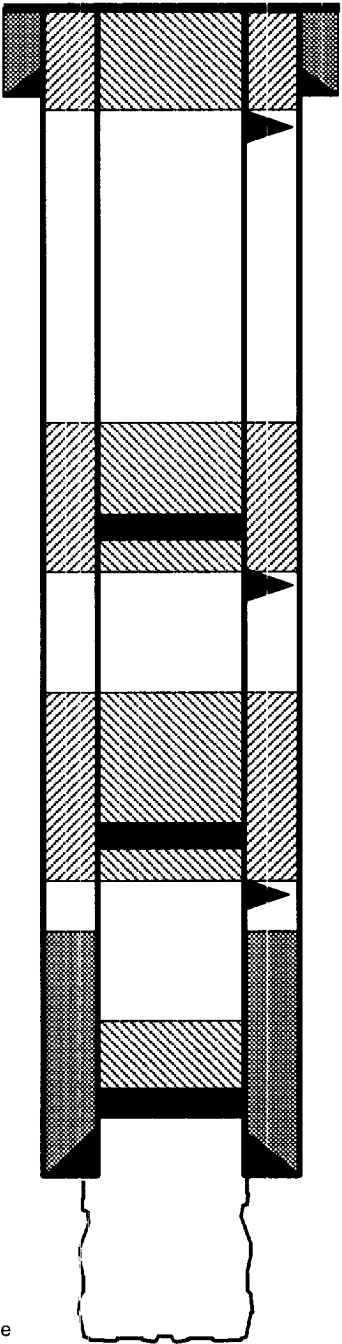
Pictured Cliffs @ 2275'

Mesaverde @ 3800'

12-1/4" hole

8-3/4" hole

4-3/4" hole



10-3/4" H-40, 32.75# Casing set @ 169'  
Cmt w/ 135 sxs (Circulated to Surface)

**Perforate @ 219'**

**Plug #4 219' - Surface**  
Cement with 110 sxs

**Plug #3 1406' – 1160'**  
Cement with 140 sxs,  
106 sxs outside casing  
and 34 sxs inside

**Cement Rt @ 1356'**

**Perforate @ 1406'**

**Plug #2 2300' – 1962'**  
Cement with 189 sxs,  
145 sxs outside casing  
and 44 sxs inside.

**Cement Rt @ 2250'**

**Perforate @ 2300'**

TOC @ 2310' (T.S.)

**Plug #1 3715' – 3615'**  
Cement with 17 sxs

**Set CIBP @ 3715'**

5-1/2" 15.5# J-55 Casing set @ 3765'  
Cemented with 300 sxs (354 cf)

Mesaverde Open Hole:  
4368' – 4638'

**TD 4638'**