

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.  
NM 04202

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No  
Johnston A #1

9. API Well No  
30-045-11894

10. Field and Pool, or Exploratory Area  
Blanco Mesaverde

11. County or Parish, State  
San Juan

**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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
CONOCO INC.

3. Address and Telephone No.  
10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)  
Section 17, T-28-N, R-9-W, P  
890' FSL & 790' FEL

**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 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 type="checkbox"/> Other	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion well completion or Recompletion Report and Log form.)

16. 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.)

It is proposed to recomplete this well to the Mesaverde using the attached procedure.

RECEIVED  
MAR 27 1998  
OIL CON. DIV.  
DKT. 3

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

Signed Kay Maddox Title Regulatory Agent Date March 19, 1998

(This space for Federal or State office use)

Approved by WAYNE TOWNSEND Title Acting Date 3/25/98

Conditions of approval if any:

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST FILE ROOM

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.

\*See Instruction on Reverse Side

NMOCD

**Johnston A #1  
Mesaverde Recompletion Procedure**

**API # 30-045-11894  
AFE# 51-61-XXXX**

March 9, 1998

**Summary of Work Recommended**

- ✓ Isolate existing Dakota Interval
- ✓ Perforate and Stimulate Mesaverde Interval (2 stages)
- ✓ Remove Isolation Tools
- ✓ Return well to Production as a MV/DK Downhole Commingle

**Well Data:**

**Location:** 890' FSL & 790' FEL, Sec. 17, T28N-R9W  
Rio Arriba County, New Mexico

**Elevations:** KB: 6284'  
GL: 6274'  
PBSD: 7123'  
TD: 7123'

**Casing:** 10-3/4", 32.75#/ft, set @ 255'  
cmt 150 sxs. TOC @ Surface (circ)  
Drift: 10.036", Capacity: 0.1009 bbl/ft, Burst: 1274 psi (70% SF)

7 -5/8", 24#/ft, H-40 set @ 2686'  
cmt 375 sxs. TOC @ Surface (circ)  
Drift: 6.900", Capacity: 0.0479 bbl/ft, Burst: 1925 psi (70% SF)

4-1/2", 10.5 & 11.6 #/ft, J-55 set @ 7123'  
cmt 650 sxs. TOC @ Surface "Good Returns"  
Drift: 3.927", Capacity: 0.0159 bb/ft, Burst: 3353 psi (70% SF)  
DV tool @ 4011'

**Tubing:** 2-3/8" @ 7100'  
Drift: 1.995", Capacity: 0.00387 bbl/ft, Burst: 5416 psi (80% SF)

**Perforations:** 7013' - 78' w/ 3 SPF

**Johnston A #1  
Mesaverde Recompletion Procedure**

1. Hold safety meeting. MIRU workover unit. If necessary, kill well with a minimum of 1 % KCl. NU BOP and POOH w/ production string.
2. RU wireline unit and RIH w/ 4 1/2" Composite bridge plug. Set plug @ +/- 5150'. Test casing to 3000 psi.

**Recompletion Procedure:**

3. MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR . Correlate to attached log section and perforate the following depths:
  - A. If necessary, spot 28% HCl from 4900' to 4850' using a dump bailer.
  - B. If necessary, pressure up casing to 3000 psi prior to perforating

**Point Lookout perfs:**

4797', 99',  
4803', 05', 16', 48', 50', 52', 71', 76', 79', 83', 86', 92', 97',  
4903', 37', 39', 55', 57', 59', 64', 66', 87', 89',  
5052', & 54'

Total: 27 holes.

4. RU acidizing equipment. Break down perfs thru tubing using 500 gallons 15% HCl and 50% excess 1.1 sg balls (41) spaced equally thru job. Adjust rate to optimize breakdown  
**DO NOT EXCEED 3000 PSI**

**Johnston A #1  
Mesaverde Recompletion Procedure**

5. Retrieve balls. If < 80% hits (21), repeat acidizing procedure.
6. Frac per attached schedule. Keep frac equipment on location.
7. RU wireline unit and RIH w/ 4 1/2" Composite bridge plug. Set plug @ +/- 4750'. Test casing to 3000 psi.
8. MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR. Correlate to attached log section and perforate the following depths:
  - A. If necessary, spot 28% HCl from 4650' to 4625' using a dump bailer.
  - B. If necessary, pressure up casing to 3000 psi prior to perforating.

**Menefee Perfs:**

4508', 11', 14', 17', 20', 41', 43',  
4626', 28', 30', 32', 34', 44', 46', 48',  
4713', 16', 19', 22', 25'

Total: 20 holes.

9. RU acidizing equipment. Break down perfs thru tubing using 500 gallons 15% HCl and 50% excess 1.1 sg balls (35) spaced equally thru job. Adjust rate to optimize breakdown  
**DO NOT EXCEED 3000 PSI**
10. Retrieve balls. If < 80% hits (21), repeat acidizing procedure.
11. Frac per attached schedule. Clean Location & Release frac equipment.
12. RU compressors and drill out bridge plugs w/ gas. Clean out well to PBTD (7123'). Jet well w/ gas until well will flow on its own. Drywatch as necessary.
13. RIH w/ production string. Land SN at +/- 7050'. ND BOP and NU wellhead.
14. Record and notify necessary personnel for regulatory and gas allocation purposes.
15. RDMO workover unit. Place well on production as a DK/MV downhole commingle.
16. Thank You.

OK Form C-102

1900. Hobbs. NM 88241-1980  
District II  
District III  
1000 Rio Brazos Rd. Aztec. NM 87410  
District IV  
PO Box 2088. Santa Fe. NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe. NM 87504-2088

Revised February 21, 1994  
instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

APR 23 PM 2:29

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-11894		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code		5 Property Name Johnston A			6 Well Number 1
7 OGRID No 005073		8 Operator Name Conoco Inc., 10 Desta Drive. Ste. 100W, Midland, TX 79705-4500			9 Elevation 6274'

10 Surface Location

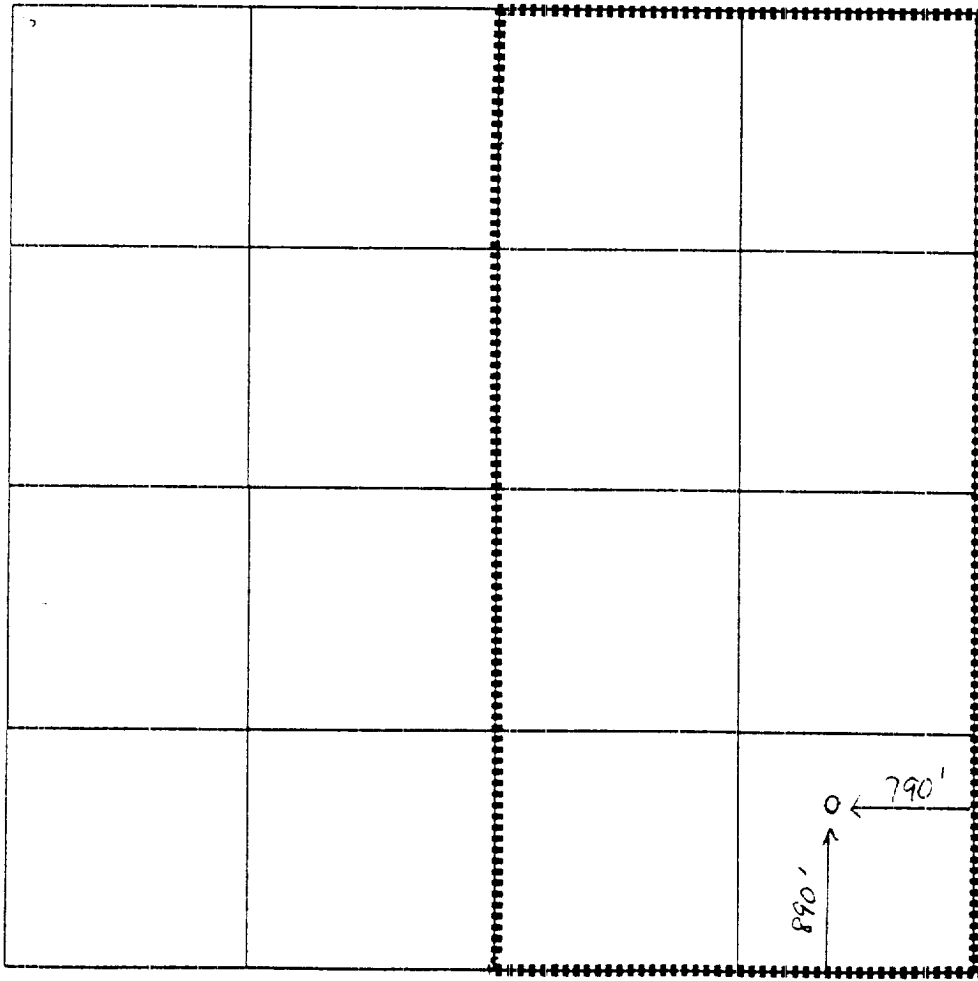
UL or dno P	Section 17	Township 28N	Range 9W	Lot Idn	Feet from the 890	North/South line South	Feet from the 790	East/West line East	County San Juan
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11 Bottom Hole Location If Different From Surface

UL or dno	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Kay Maddox</i>	
Signature	
Kay Maddox	
Printed Name	
Regulatory Agent	
Title	
2/25/98	
Date	
18 SURVEYOR CERTIFICATION	
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made to me or under my supervision and that the same is true and correct to the best of my belief.	
Date of Survey	
Signature and Seal of Professional Surveyor	
Certificate Number	