

- Submit 3 Copies To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 811 South First, Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

Form C-103  
 Revised March 25, 1999

WELL API NO. <b>30-045-12174</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		7. Lease Name or Unit Agreement Name:  <b>Farmington C Com 1</b>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	8. Well No. 1	
2. Name of Operator <b>Merrion Oil &amp; Gas</b>	9. Pool name or Wildcat <b>Basin Fruitland Coal</b>	
3. Address of Operator <b>610 Reilly Ave, Farmington, NM 87401</b>		
4. Well Location  Unit Letter <b>L</b> : <b>1625</b> feet from the <b>South</b> line and <b>1250</b> feet from the <b>West</b> line.  Section <b>15</b> Township <b>29N</b> Range <b>13W</b> <b>San Juan</b> County		
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5335' GR</b>		

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data  
**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐  
 OTHER: **To Commingle** ☒

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
 CASING TEST AND CEMENT JOB ☐  
 OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

**Pending approval of a commingling application, Merrion Oil & Gas proposes to complete the Basin Fruitland Coal. After the Fruitland Coal is completed, it will be commingled with the West Kutz Pictured Cliffs and the Basin Dakota pools.**



I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Production Engineer DATE 8/4/03

Type or print name Connie S. Dinning Telephone No. 327-9801  
 (This space for State use)

APPROVED BY [Signature] DEPUTY OIL & GAS INSPECTOR, DIST. 2 DATE AUG - 8 2003  
 Conditions of approval, if any:

✓

**District II**  
811 South First, Artesia, NM 88210  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
**District IV**  
2040 South Pacheco, Santa Fe, NM 875

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, NM 87505

**Submit to Appropriate District Office**  
**State Lease - 4 Copies**  
**Fee Lease - 3 Copies**

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-12174	<sup>2</sup> Pool Code 71629	<sup>3</sup> Pool Name Basin Fruitland Coal
<sup>4</sup> Property Code 20185	<sup>5</sup> Property Name Farmington C Com	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 014634	<sup>8</sup> Operator Name Merrion Oil & Gas	<sup>9</sup> Elevation 5286' GR

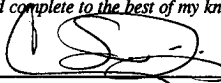
## <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	15	29N	13 W	NWSW	1625	South	1250	West	San Juan

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.					

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

<p>16</p>			<p>17 <b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <div style="text-align: center;">  </div> <p>Signature</p> <hr/> <p><b>Connie S. Dinning</b></p> <p>Printed Name</p> <hr/> <p><b>Production Engineer</b></p> <p>Title</p> <hr/> <p><b>July 28, 2003</b></p> <p>Date</p> <hr/>
<p>1250'</p> <p style="text-align: center;">⊙</p> <p style="text-align: center;">1625'</p>			<p>18 <b>SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <hr/> <p>Date of Survey</p> <hr/> <p>Signature and Seal of Professional Surveyor:</p> <hr/> <p>Certificate Number</p> <hr/>

# Merrion Oil & Gas Corporation

## Completion Procedure Fruitland Coal Formation

July 24, 2003

<b>Well:</b>	<b>Farmington C Com No. 1</b>	<b>Field:</b>	Basin Fruitland
<b>Location:</b>	1625' fsl & 1250' fwl (nw sw) Sec. 15, T 29N, R 13W, NMPM San Juan County, New Mexico	<b>Elevation:</b>	5286' GL 5398' KB
		<b>By:</b>	Catlain Nee

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**Procedure:** *(Note: This procedure will be adjusted on site based upon actual conditions)*

### Prior to Move In

1. Check wellsite for anchors.

### Phase I

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#### **Pull Tubing and Prepare to Commingle Dakota w/ PC**

1. MIRU.
2. POH w/ 3/4" rods and pump.
3. ND wellhead, NU BOPs.
4. Pull 2 3/8" production tubing.
5. TIH w/ bit and casing scraper and drill out CIBP @  $\pm 5600'$  KB w/ air. TOH.
6. RIH and CO to PBTD @  $\pm 5902'$  KB.

#### **Run Rods and Return to Production**

1. TIH w/ original tubing, 4,545 ft. new 2 3/8" tbg, SN, PS, and MA set @  $\pm 5855'$  KB.
2. PU 1 1/4" pump and RIH on rods as follows:

40 ea. 3/4" plain  
114 ea. 5/8" plain  
9 ea. 3/4" plain  
72 ea. 3/4" scraped

3. Return well to production and monitor inflow.

### Phase II

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#### **Pull Tubing and Prepare to Frac**

1. MIRU.
2. POH with rods and pump.
3. ND wellhead, NU BOPs.
4. TOH and lay down 2 3/8" production tubing on trailer to move out of way.
5. MIRU wireline truck.
6. RIH with RBP and set at  $\pm 1118'$  per correlation log.
7. Dump 5' sand on RBP.

#### **Perf & Frac Main Fruitland Coal**

8. Order in frac/test tanks with risers, working external gauges and two good 4" valves on each. Fill w/ 2% KCl fresh water (refer to fracture stimulation design for required volume).
9. Perforate Fruitland Coal with 3 1/8" casing gun per correlation log (dated 10/12/98) as follows:

**1082-1108                      26 ft.   78 holes                      3 jsfp   0.34" diameter**

10. RU frac crew and RIH with RCP and 2 1/8" frac string. Set packer at  $\pm 1020'$  KB.

11. Install frac valve on top of frac string.
12. Pressure up annulus to 500 psig & monitor backside during frac.
13. Frac the Fruitland Coal formation via tubing using Halliburton's Delta system and Sandwedge according to the detailed frac design. **Note: Do not pump in and shut down. When pumping begins, stay on it until the job is complete. Do not exceed 3500 psi.**
14. Allow time for gel to break.
15. RD frac company and flowback well to cleanup tank.

**Release Packer and RBP, and Return Well to Production**

16. Unset RCP and POH. LD Frac string.
17. RIH with retrieving head on 2 3/8" production tubing and circulate sand off RBP.
18. Release RBP and POH.
19. RIH with 2 3/8" production string, SN, PS, and MA set @  $\pm 5855'$  KB.
20. Run rods and pump, and return to production.
21. RDMOL.

# Merrion Oil & Gas Corporation Wellbore Schematic

## Farmington C Com #1

### Current Wellbore Configuration

Location: 1625' fsl & 1250' fwl (nw sw)  
Sec 15, T29N, R13W NMPM  
San Juan Co, New Mexico

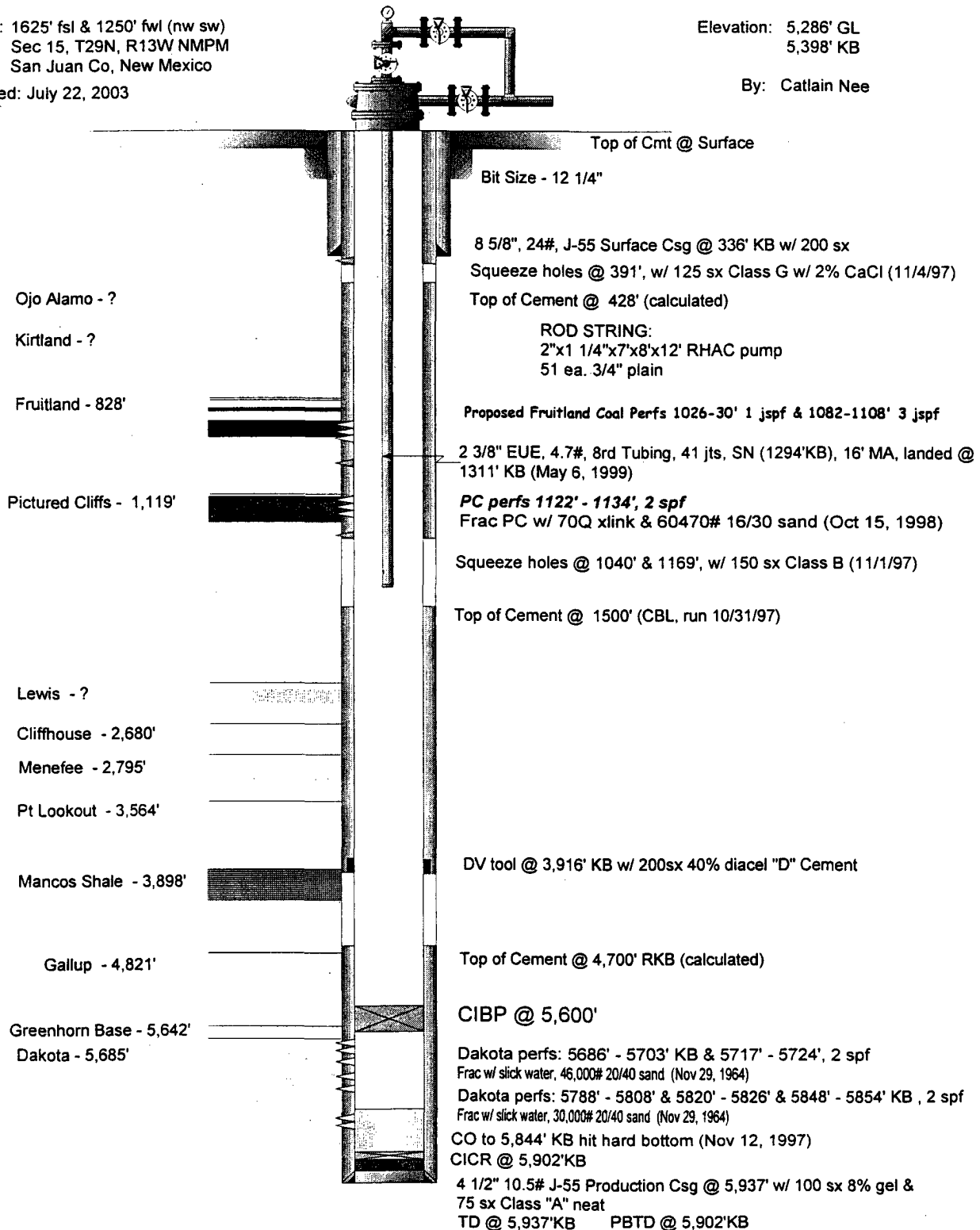
Prepared: July 22, 2003

Elevation: 5,286' GL  
5,398' KB

By: Catlain Nee

Tertiary

Cretaceous



WELL DATA:

SPUD: Jul 15, 1962  
RECOMPLETED: Oct. 18, 1998