

District I

PO Box 1980, Hobbs, NM 88241-1980

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 & Natural Resources Department

## OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

30-039-27563  
Rio Arriba County

Form C-101

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

AMENDED REPORT

## APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address. <b>Merrion Oil &amp; Gas Corporation</b> 610 Reilly Avenue Farmington, New Mexico 87401		<sup>2</sup> OGRID Number <b>014634</b>
		<sup>3</sup> API Number <del>30-039-27563</del>
<sup>4</sup> Property Code <b>31058</b>	<sup>5</sup> Property Name <b>Strawberry Snap Com</b>	
		<sup>6</sup> Well No. <b>1</b>

<sup>7</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
K	32	T30N	R7W	NESW	2275'	South	1950'	West	<del>San Juan</del>

<sup>8</sup> Proposed 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>9</sup> Proposed Pool 1					<sup>10</sup> Proposed Pool 2				
Basin Fruitland (71629)									

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 6200'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 3200' RKB	<sup>18</sup> Formation Fruitland Coal	<sup>19</sup> Contractor Not Chosen	<sup>20</sup> Spud Date As soon as rig available

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 $\frac{1}{2}$ "	8 $\frac{5}{8}$ "	24 lb. Or greater	~200' RKB	+/-112 sx	Surface
7 $\frac{7}{8}$ "	5 $\frac{1}{2}$ "	15.5 lb. Or greater	~3200' RKB	+/-544 sx	Surface

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Merrion will conduct the well drilling phase by drilling a 12 $\frac{1}{2}$ " hole with spud mud to a depth of approximately 200 feet. After setting 8 $\frac{5}{8}$ " surface casing will install blowout preventers, wait on cement and pressure test surface shoe to 600 psi prior to drill out. Will drill a 7 $\frac{7}{8}$ " hole with conventional mud into the Pictured Cliffs formation to a depth of approximately 3200 feet. We will run 5 $\frac{1}{2}$ " production casing to a total depth (td) of  $\pm$ 3200 feet KB. No open hole logs will be run. We will perforate and fracture the Fruitland Coal formation, then test production. Blowout preventers will be double ram, 3000 psi working pressure. (Wellbore schematic attached)

Formation tops: Nacimiento 765', Ojo Alamo 1963', Kirtland 2170', Fruitland 2800', Pictured Cliffs 3047'.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: **Connie S. Dinning**Title: **Production Engineer**Date: **January 7, 2003**Phone: **327-9801**

## OIL CONSERVATION DIVISION

Approved by:

Title: **DEPUTY DISTRICT ENGINEER, DIST. #3**Approval Date: **JAN - 8 2003**Expiration Date: **JAN - 8 2004**Conditions of Approval:  
Attached ☐

State of New Mexico  
Energy, Minerals & Mining Resources Department  
OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C - 102

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

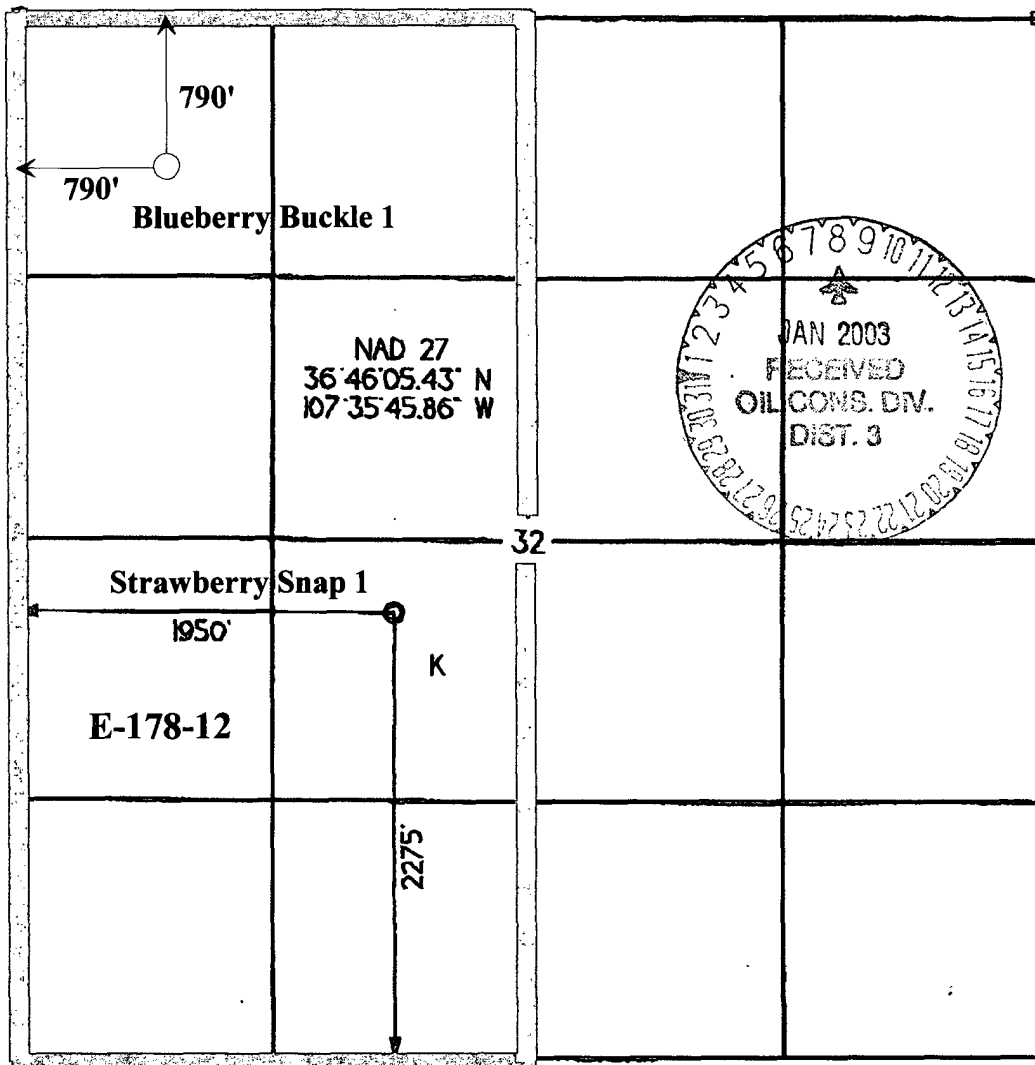
APA Number 30-045-31317		Pool Code	Pool Name Basin Fruitland Coal
Property Code 31058	Property Name STRAWBERRY SNAP COM		Well Number 1
GRID No. 14634	Operator Name MERRION OIL & GAS		Elevation 6200'

Surface Location									
UL or Lot	Sec.	Twp.	Rge.	Lot Id.	Feet from	North/South	Feet from	East/West	County
K	32	30 N.	7 W.	NESW	2275'	SOUTH	1950'	WEST	SAN JUAN

Bottom Hole Location if Different From Surface									
UL or Lot	Sec.	Twp.	Rge.	Lot Id.	Feet from	North/South	Feet from	East/West	County

Dedication 320 Ac	Joint ?	Consolidation	Order No.
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NO ALLOWABLE WILL ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



<b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <i>[Signature]</i>	
Printed Name Connie S. Dinning	
Title Production Engineer	
Date January 7, 2003	
<b>SURVEYOR CERTIFICATION</b> I hereby certify that the well location 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. Date of Survey	
Signature and Seal of Professional Surveyor 	

# Merrion Oil & Gas Corporation

## Wellbore Schematic

### Strawberry Snap No. 1

#### Proposed Wellbore Configuration

Location: 2275' fsl & 1950' fwl (ne sw)  
Sec 32, T30N, R7W  
San Juan Co, New Mexico

Date: January 7, 2003

Elevation: 6,200' GL  
6,213' RKB

By: Connie Dinning

