

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

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.*

SUBMIT IN TRIPLICATE – Other Instructions on reverse side.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other _____

2. Name of Operator

Merrion Oil & Gas Corporation

3a. Address

610 Reilly Avenue, Farmington, NM 87401

3b. Phone No. (include area code)

505.324.5300

4b. Location of Well (Footage, Sec. T., R., M., or Survey Description)

1980' fml & 1978' fwl

Sec 9, T26N, R12W

5. Lease Serial No.
SF-078944A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Nelson A No. 1

9. API Well No.

30-045-05953

10. Field and Pool, or Exploratory Area

WAW Fruitland Sand/PC

11. County or Parish, State

San Juan

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Report

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input checked="" type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug & 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 recomplete 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 filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion 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.)

Merrion Oil and Gas proposes to plug and abandon the WAW Fruitland sand/PC in the subject well and to recomplete the well in the Fruitland Coal as per the attached procedure.

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

2005 APR 5 PM 2 42
RECEIVED
070 FARMINGTON NM

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Connie S. Dinning

Title **Production Engineer**

Signature

Date **March 29, 2005**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Joe Hewitt

Title **Acting Team Lead**

Date **4-14-05**

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 **FDO**

Title 18 USC Section 1001 and Title 43 USC Section 1212, make 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.

NMOCB

Merrion Oil & Gas Corporation
Completion Procedure
Fruitland Coal Formation

March 29, 2005

Well:	Nelson A No. 1	Field:	Basin Fruitland
Location:	1980' fnl & 1798' fwl (se nw) Sec. 9, T 26N, R 12W, NMPM San Juan County, New Mexico	Elevation:	6005' GL 6018' KB
		By:	Connie Dinning

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

Prior to Move In

1. Haul in flowback tank.

Pull Tubing and Squeeze Pictured Cliffs

1. MIRU.
2. POH with rods and pump.
3. ND wellhead, NU BOPs.
4. Tag up and if no fill above perfs (1233' – 1243'), land tbg @ 1243' and proceed w/ squeeze. CO to bottom perf if fill above perfs.
5. Load hole w/ produced water.
6. Pump in to existing perfs to establish injection.
7. Mix 10 sx (12 cf) cement and squeeze into perfs (1233' – 1243').
8. Pull up to ±800' and reverse clean. WOC

Drill Out, Perf & Frac Main Fruitland Coal

1. TIH and tag cement.
2. TIH w/ bit and scraper and drill out cement to CIRC @ 1273'.
3. Order in frac/test tanks with risers, working external gauges and two good 4" valves on each. Fill w/ 2% KCl water (refer to fracture stimulation design for required volume).
4. RIH w/ dump bailer and spot 10 gals. 15% HCL across perfs from ±1214' – 1230' KB.
5. Perforate Fruitland Coal with 3 1/8" casing gun per Electric log (dated 6/5/57) as follows:

1216-1230 14 ft. 43 holes 3 jspf 0.34" diameter

6. Install frac valve on top of frac string.
7. RU Frac crew. Fracture stimulate the Fruitland Coal formation with 20# Cross linked gel system at 30 BPM with 60,000 lbs of 20/40 mesh Brady sand with sand flowback control or resin coated sand (spearhead 250 gals. 7.5% HCL ahead of frac) as per detailed design schedule) **Note: Do not pump in and shut down. When pumping begins, stay on it until the job is complete. Do not exceed 3500 psi.**
8. RD frac company and flow well to flowback tank.

Clean out and Return Well to Production

1. RIH w/ bailer on 2 3/8" production tubing and CO sand to PBTD. TOH.
2. RIH with 2 3/8" production string, SN, PS, and MA set @ ± 1245' KB.
3. Run rods and pump, and return to production.
4. RDMOL.

Attachments:

1. Wellbore Schematic after completion.
2. Nelson A1 open hole survey strip from Electric log dated 6/5/57.
3. Fracture stimulation design.

Merrion Oil & Gas Corporation Wellbore Schematic

Nelson A No. 1

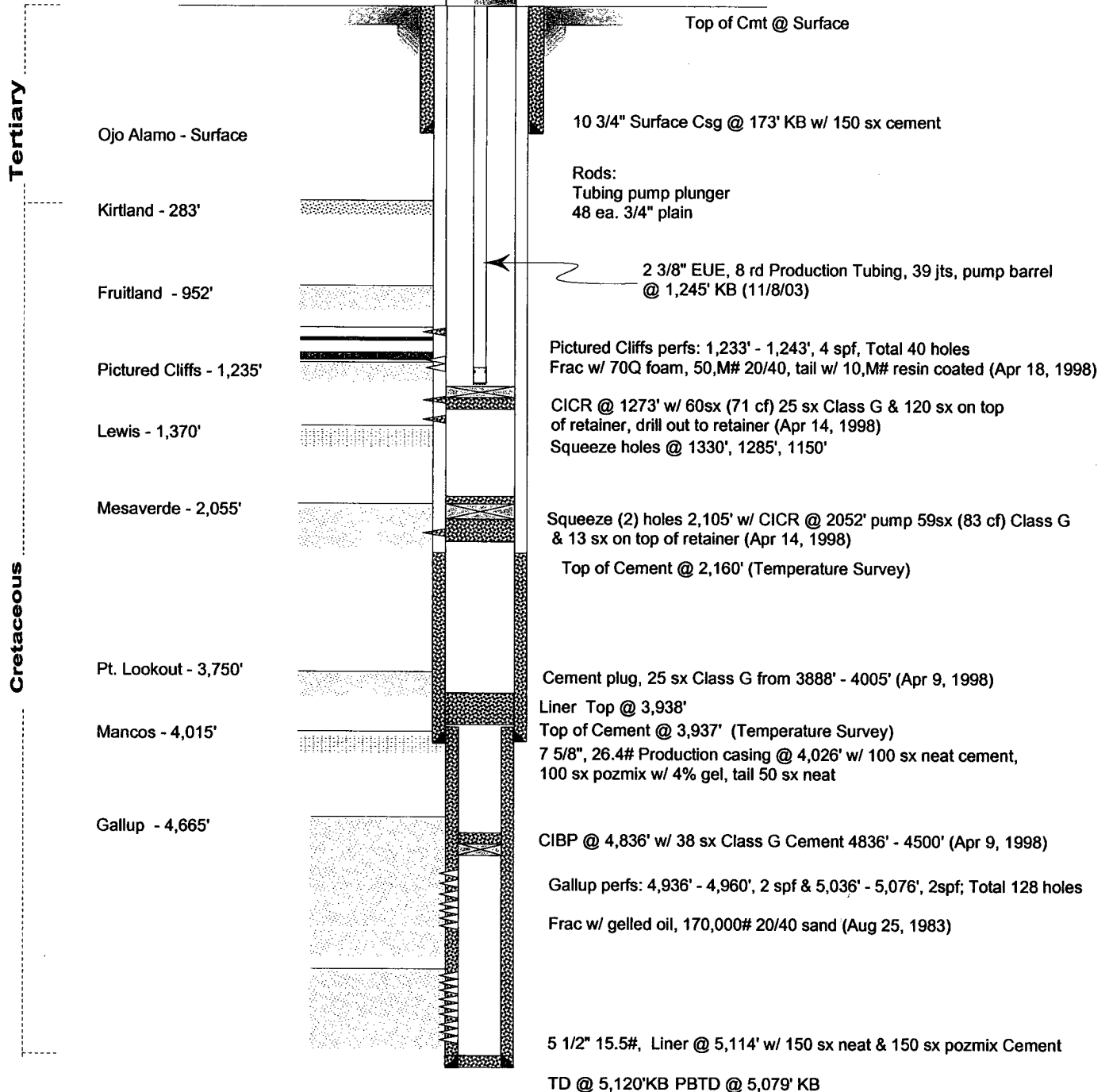
Current Wellbore Configuration

Location: 1980' fnl & 1,978'fwi (se nw)
Sec 9, T26N, R12W, NMPM
San Juan Co, New Mexico

Prepared: 3/29/05

Elevation: 6,005' GL
6,015' KB

By: Connie Dinning



WELL DATA:

CUM GAS: 2,250,921 mcf (1/96)
CUM OIL: 14,748 bbl (1/96)
SPUD: May 29, 1957
COMPLETED: March, 1991
(most recently)

STATUS: SHUT IN OCTOBER 9, 1994, UNECONOMIC TO OPERATE

Merrion Oil & Gas Corporation Wellbore Schematic

Nelson A No. 1

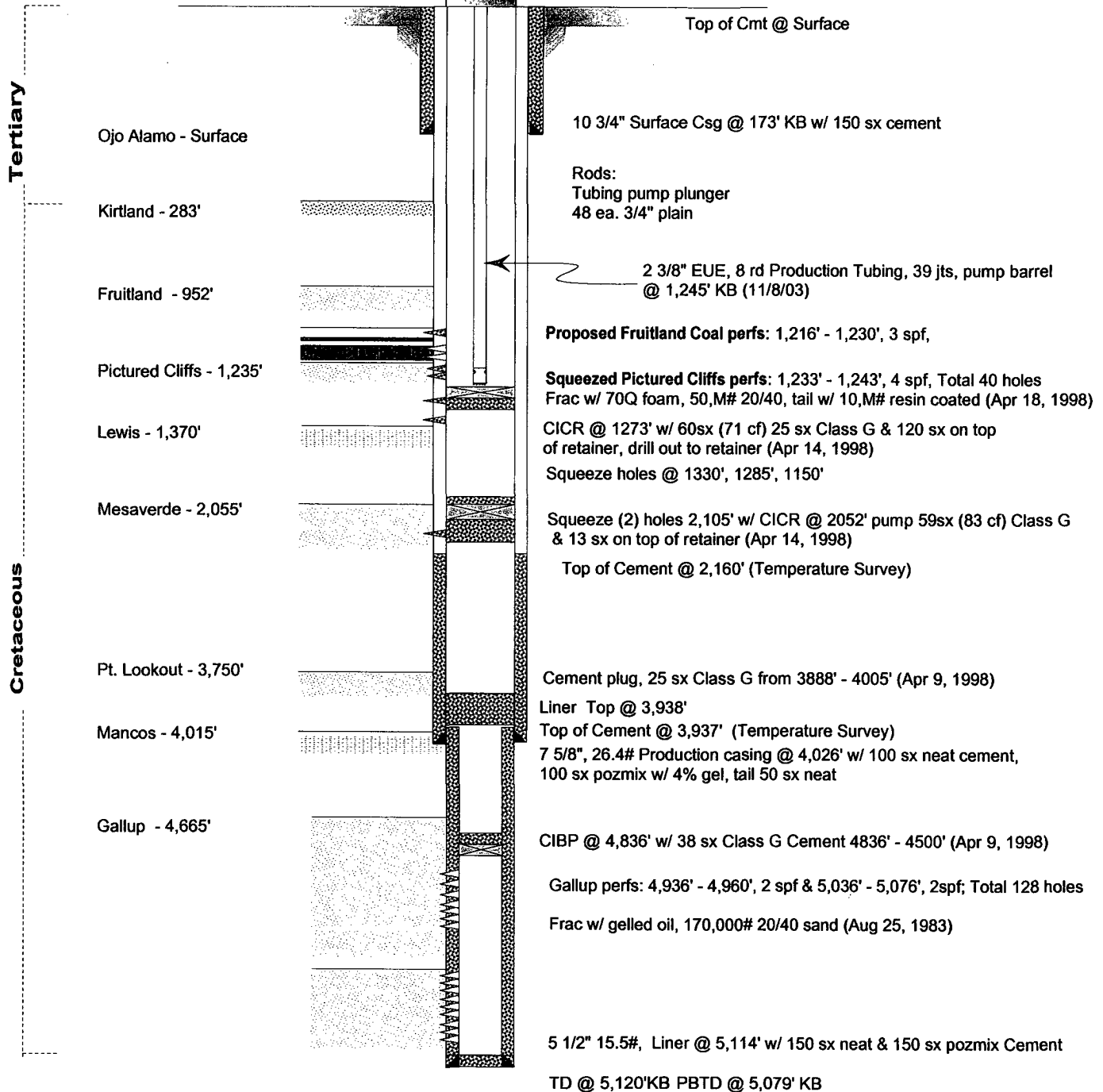
Proposed Wellbore Configuration

Location: 1980' fnl & 1,978'fwl (se nw)
Sec 9, T26N, R12W, NMPM
San Juan Co, New Mexico

Prepared: 3/29/05

Elevation: 6,005' GL
6,015' KB

By: Connie Dinning



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District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 20-045-05052	² Pool Code 71629	³ Pool Name Fruitland Coal
⁴ Property Code 007823	⁵ Property Name Nelson A	⁶ Well Number 1
⁷ OGRID No. 14634	⁸ Operator Name Merrion Oil & Gas	⁹ Elevation 6005'

¹⁰ Surface Location


UL or lot no. F	Section 9	Township 26N	Range 12W	Lot Idn senw	Feet from the 1980	North/South line north	Feet from the 1978'	East/West line west	County San Juan
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¹¹ 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
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¹² Dedicated Acres 320 Ac	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

¹⁶ SF-078944A						¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Connie S. Dinning Printed Name Production Engineer/cdinning@merrion.bz Title and E-mail Address April 14, 2005 Date
1978'						
	Nelson A No. 1 (Proposed Fruitland Coal)		Nelson No. 90 (Existing Fruitland Coal)	1920'		
						¹⁸ SURVEYOR CERTIFICATION 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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number