

Distribution: O+4 (BLM); 1-Accounting; 1-Crystal; 1-File

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
JAN 12 1998

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

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 <input checked="" type="checkbox"/> Gas <input type="checkbox"/> <input checked="" type="checkbox"/> Well <input type="checkbox"/> Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <b>SF-078944A</b>
2. Name of Operator <b>Merrion Oil &amp; Gas Corporation (14634)</b>	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. <b>610 Reilly Avenue, Farmington, NM 87401-2634 (505) 327-9801</b>	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1980' fml &amp; 1978' fwl (SENW) Section 9, T26N, R12W</b>	8. Well Name and No. <b>Nelson A No. 1</b>
	9. API Well No. <b>30-045-05953</b>
	10. Field and Pool, or Exploratory Area <b>Gallegos Gallup</b>
	11. County or Parish, State <b>San Juan County, New Mexico</b>

12. 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 checked="" 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 on Completion or Recompletion Report and Log form.)

13. 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.)\*

The subject Gallup producer is uneconomic and is shut-in. Merrion plans to plug the Gallup, put a cement plug across the Mesaverde top, circulate cement across the Fruitland coal, and complete the well in the Basin Fruitland coal formation. Enclosed is a procedure and a C-102 plat for your approval.

RECEIVED  
JAN 15 1998  
OIL CON. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct			
Signature <i>Steven S. Dunn</i>	Title <b>Drl'g &amp; Prod Manager</b>	Date <b>12/10/97</b>	
(This space for Federal or State use)			
Approved By <b>/s/ Duane W. Spencer</b>	Title	Date <b>JAN 13 1998</b>	
Conditions of approval, if any:			

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

HOLD C-104  
FOR NSL

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

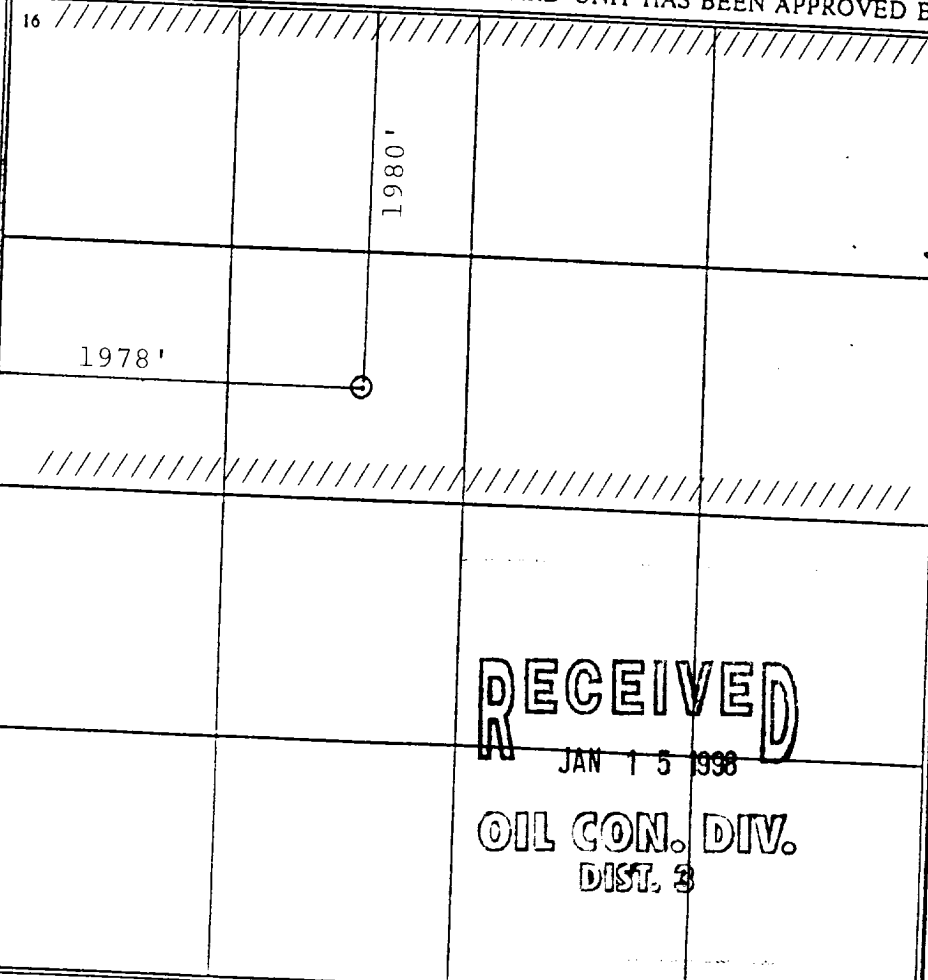
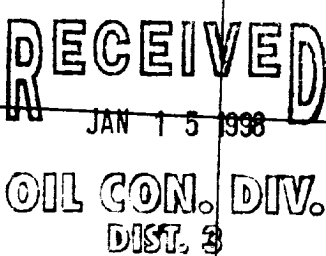
WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-05953		2 Pool Code 71629		3 Pool Name Basin Fruitland		
4 Property Code 007823		5 Property Name Nelson A			6 Well Number 1	
7 OGRID No. 014634		8 Operator Name Merrion Oil & Gas Corporation			9 Elevation 6005' GL	

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

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
12 Dedicated Acres 320									
13 Joint or Infill									
14 Consolidation Code									
15 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

16					17 OPERATOR CERTIFICATION				
					I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief				
					Signature Steven S. Dunn				
					Printed Name Drlg & Prod Manager				
					Title Dec. 10, 1997				
Date					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				

# Merrion Oil & Gas Corporation

## FRUITLAND COAL RECOMPLETION PROCEDURE

December 10, 1997

Well:	<b>NELSON A-1</b>	Field:	Basin Fruitland Coal
Location:	1980' fsl, 1980' fwl Sec 9, T26N, R12W San Juan County, New Mexico	Elevation:	6015' RKB 6005' GL
By:	George Sharpe	Lease No:	SF 078944-A

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### Project:

**PLUG BACK GALLUP AND RECOMPLETE FRUITLAND**

### Procedure:

#### ***Prior to Move-in***

1. Check for wellsite anchors.
2. Haul in frac tank. Load with water.

#### ***Put Cement Plug Across Gallup Top & Liner Top***

1. Move in workover rig. POOH w/ +/- 5000' rods. Lay down rods.
2. RD wellhead. RU BOPs. Tally out of hole w/ tbg.
3. TIH w/ tbg to 4715'.
4. Spot 25 sx cmt plug across Glp top to 4615'.
5. Pull above cmt & rvrs clean. WOC. TIH & tag cmt top.
6. TOH laying down tbg to 3988'.
7. Spot 25 sx cmt plug across Lnr top to 3888'. TOH.

#### ***Squeeze Well Across Mesaverde Top***

1. Perf sqz holes below MV at +/-2105'.
2. Set CICR at +/-2055'. Sting in w/ tbg.
3. Circulate +/-70 cu ft of cmt across MV top (will cover 100' w/ 100% excess).
4. Sting out of CICR. Circ 13 cu ft (50') on top of CICR. TOH.

#### ***Squeeze Well Across Pictured Cliffs Top to Surface***

1. Perf sqz holes below PC at +/-1300'.
2. Set CICR at +/-1280'. Sting in w/ tbg.
3. Establish circulation to surface.
4. Circulate +/-360 cu ft of cmt across PC top to surface (20% excess).
5. Sting out of CICR. Reverse circ clean w/ 2% Kcl.
6. Swab csg down to 800'. TOH.

#### ***Perforate & Stimulate Fruitland Coal***

1. RU perforators. Perf 1216-32' w/ 4SPF (64 holes).
2. Pick up 4-1/2" frac string. RIH w/ 7-5/8" Pkr. Set above perfs.
3. Frac well w/ procedure supplied at later date. **USE FILTERED 2% Kcl for frac.**
4. Blow back frac as soon as possible. TOH & lay down frac string.
5. TIH w/ 2-3/8" tbg. Insure no fill across perfs.
6. Land tbg below perfs. Run 5/8" rods & 2X1-1/4X6X9X12 RHAC-EQ pump (same as Serendipity) if necessary. RDMOL.

# Merrion Oil & Gas Corporation Wellbore Schematic

Nelson A No. 1

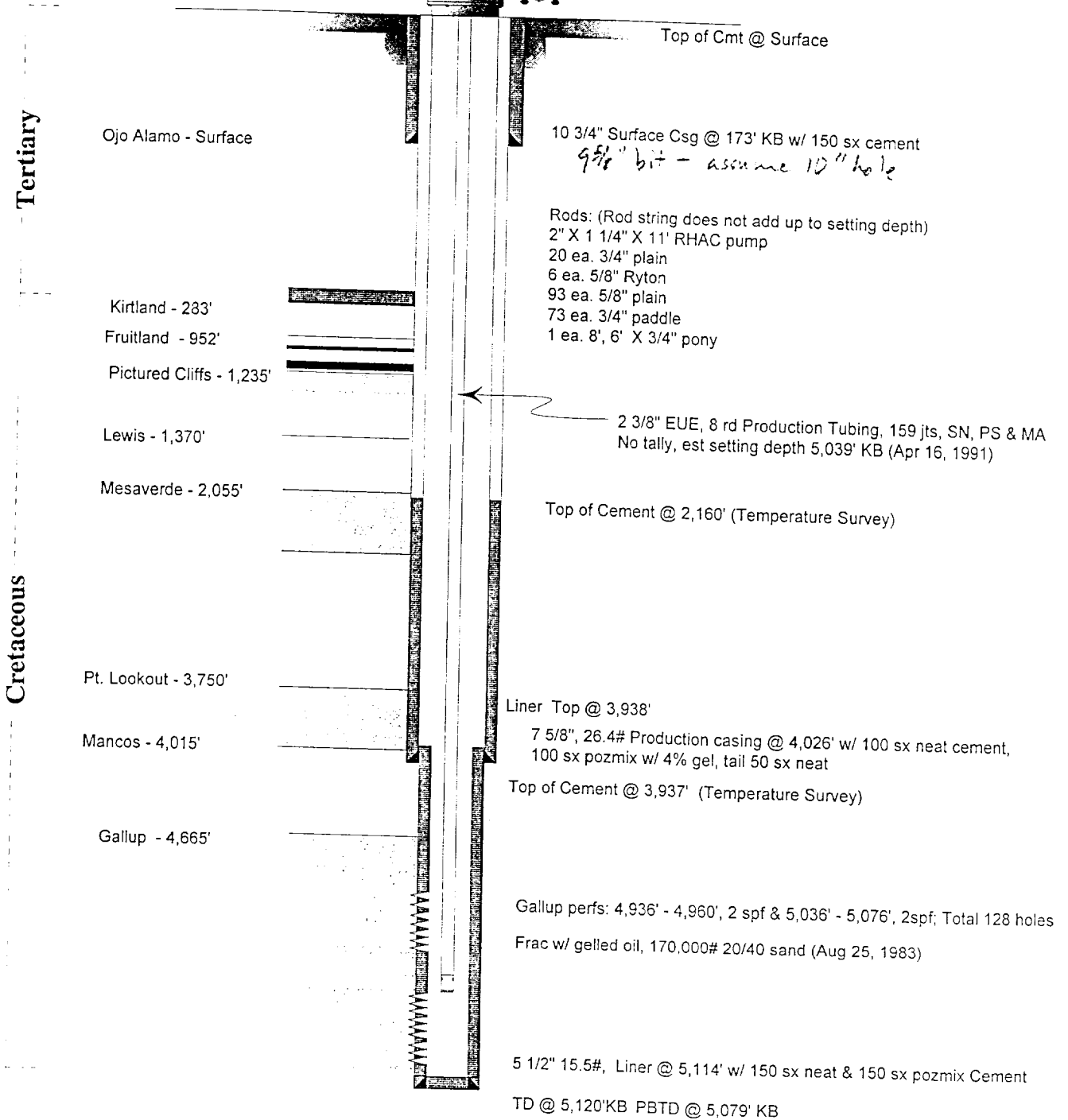
Current Wellbore Configuration

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

Prepared: 12/10/96

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

*Handwritten notes:*  
5 1/2" - 1,023' (1/96)  
7 5/8" - 1,023' (1/96)  
7 5/8" - 1,023' (1/96)

Nelson A-1-100 Electric Log

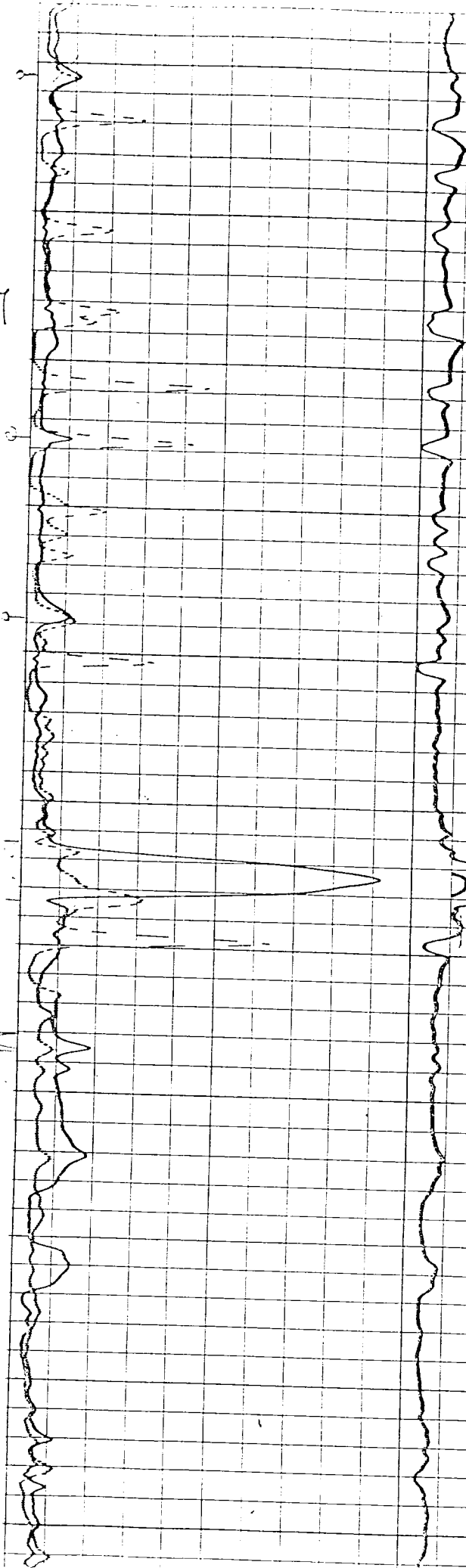
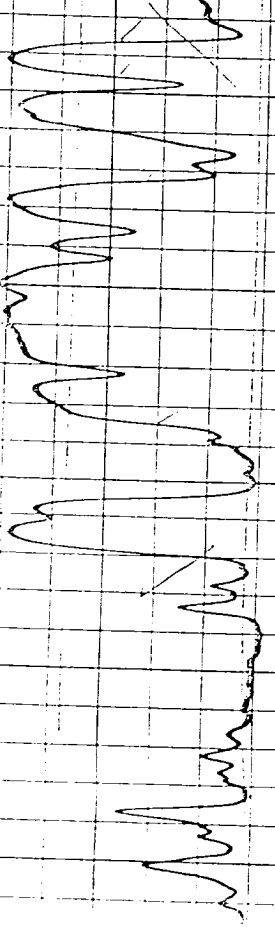
1000

1100

1200

1300

1400





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Farmington District Office  
1235 La Plata Highway  
Farmington, New Mexico 87401

IN REPLY REFER TO:

**Attachment to Notice of  
Intention to Workover**

**Re: Plug Back and Recomplete  
Well: 1 Nelson A**

### CONDITIONS OF APPROVAL

1. The Gallup cement plug is to be spotted from PBSD (5079') to 4605' (est. 80 sks.), the top of the cement plug is to be tagged **or** set a CIBP within 50 to 100 feet of the top perforation (4886'-4836') and spot a cement plug from the CIBP to 4605' (est.38 sks.).
2. **Mike Flaniken** with the Farmington District Office is to be notified at least 24 hours before the workover operations commence (505) 599-8907.