

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. I-149-IND-9108
2. Name of Operator Merrion Oil & Gas Corporation (14634)	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 610 Reilly Avenue, Farmington, NM 87401-2634 (505) 327-9801	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 990' fsl & 990' fwl (sw sw) Section 3, T26N, R11W	8. Well Name and No. Navajo 1
	9. API Well No. 30-045-06001
	10. Field and Pool, or Exploratory Area West Kutz Pictured Cliffs
	11. County or Parish, State San Juan County, New Mexico

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 (Temporary)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Plug & Abandon
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<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.)*

Merrion Oil & Gas proposes to plug and abandon the subject well according to the attached procedure.

14. I hereby certify that the foregoing is true and correct		
Signed <u>Connie S. Dinning</u>	Title <u>Production Engineer</u>	Date <u>2/20/02</u>
(This space for Federal or State office use)		
Approved By <u>DE</u>	Title <u>DE</u>	Date <u>2/27/02</u>
Conditions of approval, if any:		

Merrion Oil & Gas Corporation
Plug & Abandon Procedure
February 20, 2002

Well:	Navajo No. 1	Field:	West Kutz PC
Location:	990' fsl & 990' fwl (sw sw) Sec. 3, T26N, R11W, NMPM San Juan County, New Mexico	Elevation:	6351' GR 6358' KB
		By:	Connie Dinning

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.33 ppg, sufficient to balance all exposed formation pressures.

1. Comply with all NMOCD, BLM and Merrion safety regulations.
2. Load casing w/ water. Tally out of hole w/ tubing and TIH w/ CIBP on tubing to $\pm 1786'$ KB.
3. Plug #1 (Fruitland Coal, Pictured Cliffs tops and open hole, 1686' – 1786', 100' on top of plug). Set CIBP @ 1786', mix 17 sx (20 cu. ft) Class B cement and cap CIBP w/ 100' cement. POH. (Note: CIBP is at top of PC due to open hole completion)
4. RIH w/ wireline and perforate two shots @ $\pm 750'$.
5. RIH w/ wireline set CICR, set @ $\pm 750'$.
6. Plug #2 (Ojo Alamo top, inside and outside casing, 650' - 750'): Mix 65 sx (77 cu. ft) Class B cement. Sting into retainer and pump a balanced plug inside and outside pipe to cover Ojo Alamo top. POH.
7. Plug #3 (Surface – 87'): Perforate 2 holes @ ¹³⁷~~87~~'. Establish circulation out bradenhead valve. Mix 45 sx (53 cu. ft) Class B cement and pump down 5 1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
8. ND BOP and cut off casing below surface. Install P&A marker with cement or weld to comply with regulations. RDMOL, cut off anchors and restore location.
9. Restore location per BLM stipulations.

Merrion Oil & Gas Corporation Wellbore Schematic

Navajo No. 1

Current Wellbore Configuration

Location: 990' fsl & 990' fwl (sw sw)
Sec 3, T26N, R11W, NMPM
San Juan County, New Mexico

Date: February 20, 2002

Elevation: 6351' GL
6358' RKB

Prepared by: Connie S. Dinning

Cretaceous

Ojo Alamo - 700'

9 5/8" Surface @ 87' KB w/ 100 sx Cement

2 3/8" Prod Tubing @ 1800' w/ SN 1 jt off bottom
May 12, 2000

TOC @ 1327' (Calculated assuming 8 3/4" hole)

Main Coal -1776'
Pictured Cliffs -1786'

5-1/2" Production Csg @ 1794' w/ 100 sx Cement.

Open hole: 1794' - 1860', Frac w/ 70Q foam, linear base gel and
80,000# 20/40 sand

Clean out w/ Air to 1825' (May 12, 2000)

TD @ 1860' KB

Merrion Oil & Gas Corporation Wellbore Schematic

Navajo No. 1

Plugged Wellbore Configuration

Location: 990' fsl & 990' fwl (sw sw)
Sec 3, T26N, R11W, NMPM
San Juan County, New Mexico

Date: February 20, 2002

Elevation: 6351' GL
6358' RKB

Prepared by: Connie S. Dinning

Cretaceous

Ojo Alamo - 700'

Main Coal -1776'
Pictured Cliffs -1786'

Plug 3: Surface and Surface Csg Shoe (Surface - 87') inside & outside plug
w/ 45 sx (53 cu ft) Cement
9 5/8" Surface @ 87' KB w/ 100 sx Cement

Plug 2: Ojo Alamo top (600' - 700') inside & outside plug
w/ 65 sx (77 cu ft) Cement

TOC @ 1327' (Calculated assuming 8 3/4" hole)

Plug 1: Fruitland Coal, PC top and open hole completion (1666' - 1776')
CIBP @ 1776' w/ 17sx (20 cu ft) Cement

5-1/2" Production Csg @ 1794' w/ 100 sx Cement.

Open hole: 1794' - 1860', Frac w/ 70Q foam, linear base gel and
80,000# 20/40 sand

Clean out w/ Air to 1825' (May 12, 2000)

TD @ 1860' KB