

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

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 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. NM-47168
2. Name of Operator Merrion Oil & Gas Corporation	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) 790' fsl & 790' fwl M Section 5, T25N, R8W	8. Well Name and No. Custer Federal #1
	9. API Well No. 30-045-25974
	10. Field and Pool, or Exploratory Area Dufers Pt Gallup/DK
	11. County or Parish, State San Juan County, New Mexico

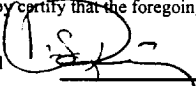
12. CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input 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.)*

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

RECEIVED
SEP 15 1997
OIL CON. DIV.
DIST. 3

RECEIVED
SEP 15 1997
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct			
Signed 	Connie S. Dinning	Title Contract Engineer	Date 9/3/97
(This space for Federal or State office use)			
Approved By /s/ Duane W. Spencer		Title _____	Date SEP 11 1997
Conditions of approval, if any:			

Title 18 U.S.C. Section 1001, makes 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.

NMOC

Merrion Oil & Gas Corporation

Plug & Abandon Procedure

August 25, 1997

Well:	Custer Federal No. 1	Field:	Dufers Pt Gallup/Dakota
Location:	790' fsl & 790' fwl (sw sw) Sec. 5, T25N, R8W, NMPM San Juan County, New Mexico	Elevation:	6401' GR 6414' 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 to all NMOC, BLM and Merrion safety regulations.
2. Load casing w/ water. POH w/ tubing and RIH w/ CIBP, set @ 6300' KB.
3. Plug #1 (Graneros perforations and top @ 6328'): Mix 11 sx (13 cu. ft) Class B cement and spot 100' plug on top of CIBP. POH.
4. Plug #2 (Gallup perforations and top @ 5480'): RIH w/ second CIBP and set @ 5470' KB. Mix 11 sx (13 cu. ft) Class B cement and spot 100' plug on top of CIBP. POH.
5. Plug #3 (Upper Mancos perforations and top @ 4566'): RIH w/ third CIBP and set @ 4566' KB. Mix 11 sx (13 cu. ft) Class B cement and spot 100' plug on top of CIBP. POH to 3462'.
6. Plug #4 (Mesaverde top, 3462' - 3562'): Mix 11 sx (13 cu. ft) Class B cement and spot a balanced plug inside casing to cover Mesaverde top. POH to 1935' KB.
7. Plug #5 (Pictured Cliff, Fruitland tops, 1625' - 2035'): Mix 35 sx (41 cu. ft) Class B cement and spot a balanced plug inside casing to cover Pictured Cliff top. POH to 1000' KB.
8. Plug #6 (Ojo Alamo, 1000' - 1354'): Mix 31 sx (36 cu. ft) Class B cement and spot a balanced plug inside casing to cover Ojo Alamo. POH to 159' KB.
9. Plug #7 (Surface): Perforate 2 holes @ 259'. Establish circulation out bradenhead valve. Mix 74 sx (87 cu. ft) Class B cement and pump down 4 1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
10. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RDMOL, cut off anchors and restore location.
11. Restore location per BLM stipulations.

Merrion Oil & Gas Corporation Wellbore Schematic

Custer Federal No. 1

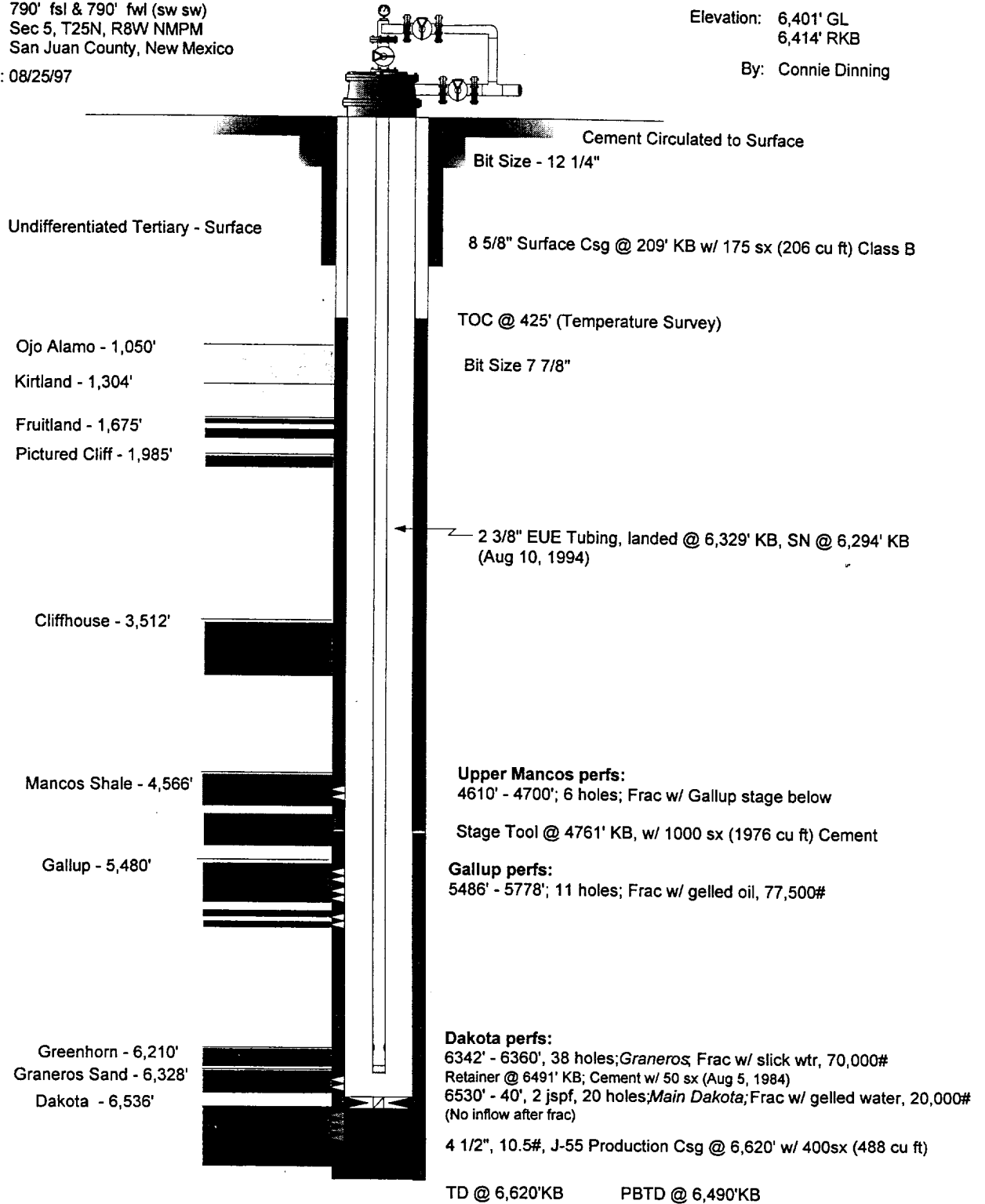
Current Wellbore Configuration

Location: 790' fsl & 790' fwl (sw sw)
Sec 5, T25N, R8W NMPM
San Juan County, New Mexico

Prepared: 08/25/97

Elevation: 6,401' GL
6,414' RKB

By: Connie Dinning



WELL DATA:

SPUD: Feb 25, 1980
COMPLETED: Apr 26, 1980

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Custer Federal No. 1

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