	1	Land; 1-File					
m 3160-5 ne 1990)	UNITED S' DEPARTMENT OF					APPROVED u No. 1004-0135	
bureau of Land		MANAGEMENT			Expires: M	farch 31, 1993	
SUNDRY NOTICES AND REPORTS ON WELLS				5.	Lease Designation an NM-28737	d Serial No.	
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					If Indian, Allottee or	Tribe Name	
	Use "APPLICATION FOR I	PERMIT" for su	uch proposals				
SUBMIT IN TRIPLICATE Type of Well					7. If Unit or CA, Agreement Designation		
Oil Well	Gas Weil Other						
Name of Operator					Well Name and No.		
Merrion Oil & Gas Corporation (14634)				9.	9. API Well No.		
Address and Telephone No.					30-039-23170		
610 Reilly Avenue, Farmington, NM 87401-2634 (505) 327-9801 Location of Well (Footage, Sec., T., R., M., or Survey Description)					Field and Pool, or Exp	•	
		in)			Counselors Ga	ıllup	
	& 1940' fel (sw ne)			11.	County or Parish, Star	e	
Section 10, T23N, R6W					Rio Arriba County, New Mexico		
CI	HECK APPROPRIATE BOX (s) TO INDICAT	E NATURE OF NOTICE,	REPORT,	OR OTHER D	DATA	
TYF	PE OF SUBMISSION	TYPE OF ACTION					
X	Notice of Intent		Abandonment (Temporary)	-	Change of Plar	ıs	
	_		Recompletion		New Construct	ion	
<u> </u>	7 a		·				
<u> </u>	Subsequent Report		Plugging Back		Non-Routine F	racturing	
			Casing Repair		Water Shut-Of	f	
<u> </u>	Final Abandonment Notice		Altering Casing		Conversion to	Injection	
	I mai Abandonnient Notice		• •			,	
	I mai Adandonnient Notice	X	Other Plug & Ahandon		Dienosa Water		
L	Tima Avandonnent Potice	X	Other Plug & Abandon	·	Dispose Water (Note: Report results of r		
Describe Proposed	-	X			(Note: Report results of r Completion or Recomple	nultiple completion or tion Report and Log	
give subsurfac	or completed Operations (Clearly state all per ce locations and measured and true vertical de	oths for all markers and z	ertinent dates, including estimated date ones pertinent to this work.)*		(Note: Report results of r Completion or Recomple roposed work. If well	nultiple completion or tion Report and Log t	
give subsurfac	or completed Operations (Clearly state all per	oths for all markers and z	ertinent dates, including estimated date ones pertinent to this work.)*		(Note: Report results of r Completion or Recomple roposed work. If well	nultiple completion or tion Report and Log t	
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give subsurfac	or completed Operations (Clearly state all per ce locations and measured and true vertical de	oths for all markers and z	ertinent dates, including estimated date ones pertinent to this work.)*		(Note: Report results of r Completion or Recomple roposed work. If well	nultiple completion or tion Report and Logi	
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give subsurface Merrion Oil & Thereby certify that gned Connie S.	or completed Operations (Clearly state all per ce locations and measured and true vertical department of the complete of the c	ndon the subjec	ertinent dates, including estimated date of ones pertinent to this work.)* † well according to the at		(Note: Report results of r Completion or Recomple roposed work. If well	nuitiple completion or ition Report and Log is directionally dri	

Merrion Oil & Gas Corporation

Plug & Abandon Procedure

January 15, 2002

Well: Location: Annie No. 3

2160' fnl & 1940' fel (sw ne)

Sec. 10, T23N, R6W, NMPM

Rio Arriba County, New Mexico

Field:

Counselors Gallup

Elevation: 6848' GR

6861' 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. Unset Baker Lok-set packer and tally out of hole w/ tubing. LD packer. Round trip 4 ½" gauge ring to 5350'KB.
- 3. Plug #1 (Gallup perforations and top, 5110' 5322'): RIH w/ 4 ½" wireline CIBP and set @ 5322'. RIH w/ open ended tbg and tag CIBP. Load csg w/ water and circulate clean. Pressure test csg to 500#. Mix 20sx (24 cu. ft) Class B cement and pump a balanced plug inside casing above the CIBP to isolate Gallup top and perforations. If casing does not test, then spot or tag subsequent plug as appropriate. POH to 3675'.
- 4. **Plug #2 (Mesaverde top, 3575' 3675'):** Mix 11 sx (13 cu. ft) Class B cement and spot a balanced plug inside casing to cover Mesaverde top. POH to ±2180'.
- 5. Plug #3 (Pictured Cliffs top 2080' 2180'): Mix 11 sx (13 cu. ft.) Class B cement and pump an inside plug to cover Pictured Cliffs top. POH to ±1940'.
- 6. **Plug #4 (Fruitland top 1840' 1940'):** Mix 11 sx (13 cu. ft) Class B cement and pump an inside plug to cover Fruitland top. POH to ±1590.
- 7. Plug #5 (Ojo Alamo top 1490' 1590'): Mix 11 sx (13 cu. ft) Class B cement and pump an inside plug to cover Ojo Alamo top. POH w/ tubing.
- 8. Plug #6 (Surface 264') Note: Casing hole plugged @ 525'KB, cement circulated to surface 12/14/94. Mix 20 sx (24 cu. ft) and pump an inside plug from 264' to surface to cover surface shoe. Shut in well and WOC.
- 9. 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.
- 10. Restore location per BLM stipulations.

Merrion Oil & Gas Corporation Wellbore Schematic

Annie No. 3

Current Wellbore Configuration

Location: 2,160' fnl & 1,940'fel (sw ne) Elevation: 6,848" GL Sec 10, T23N, R06W, NMPM 6,861' RKB Rio Arriba Co, New Mexico Prepared: 10/17/94 Updated: 6/8/00, CSD By: Steven S. Dunn Top of Cement @ Surface (circulated) Undifferentiated Tertiary - Surface Bit Size - 12 1/4" Tertiary 8 5/8" Surface Csg @ 214' KB w/ 170sx; 200cuft Hole in casing @ 525' KB, pumped 105 sx class B cement, circ out bradenhead (12/14/94) Top of Cement @ 800' (temp survey) Bit Size 7 7/8" Ojo Alamo - 1,540' Kirtland - 1,625' Fruitland - 1,890 Bad casing 1924' - 2120', squeezed w/ 30 sx class B cement (12/14/94) Pictured Cliffs - 2,130' Lewis Shale - 2,185' ROD STRING: (9/3/98) 2"x1 1/4" RHAC pump 39ea 3/4" Plain 66ea 5/8" Plain 39ea 5/8" Patco 79ea 3/4" Patco 1ea 3' & 6' 3/4" pony Cliffhouse - 3,625' Menefee - 3,651 ' Cretaceous Pt Lookout -4,325' 2nd Stage DV tool @ 4,564'KB w/ 700sx 'B'; 1442cuft Mancos Shale - 4,545' Tail in w/ 100sx 'H'; 122 cuft Top of Cement @ 4,564' RKB (estimated) 2 3/8" EUE Tubing @ 5,665'KB w/ 166 joints. SN, Mud Anchor, Baker Lok-set packer set 9 jts above @ 5340' KB (9/3/98) Gallup - 5,160' imes imesGallup perfs 5,372'-5,627' Gross Interval; 23 holes Frac w/ 75Q Foam, 165,500# 20/40 sand (Mar 10, 83) 11 Tight Spot @ 5,715'KB 4 1/2" 10.5 & 11.6# J55 Production Csg @ 5,770' w/ 225sx 'H'; 275cf TD @ 5,770'KB

WELL DATA:

CUM GAS: CUM OIL: SPUD: COMPLETED:

148,154 mcf (12/93) 17,118 bbl (12/93) Feb 22, 1983 Mar, 11, 1983

 CAPACITIES

 4 1/2" 10.5# Casing
 0.0159 bbl/ft

 2 3/8" 4.7# Tubing
 0.00387 bbl/ft

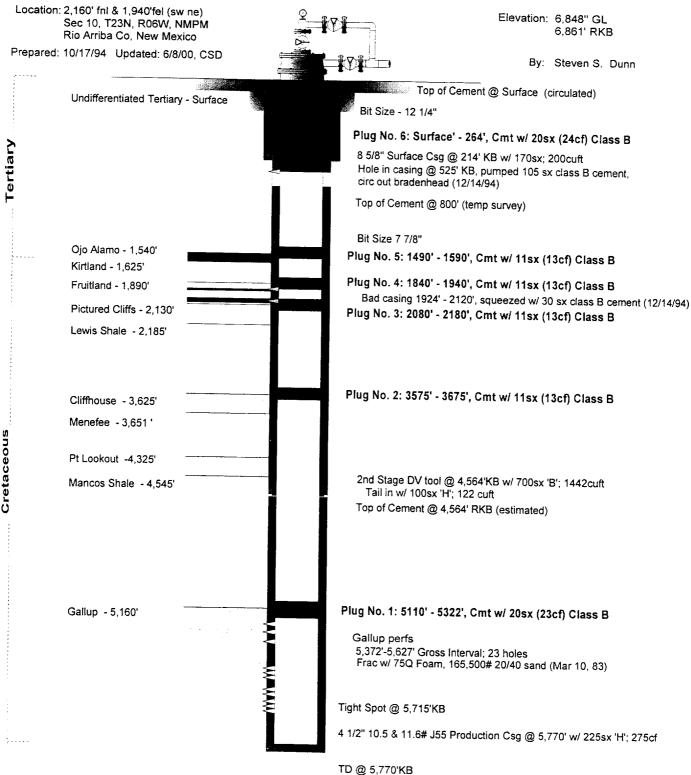
 4 1/2" X 2 3/8" Annulus:
 0.0105 bbl/ft

CURRENT SICP: not available CURRENT SITP: not available LINE PRESSURE: 100 - 200 psia GAS TRANSPORTER: El Paso Natural Gas

Merrion Oil & Gas Corporation Wellbore Schematic

Annie No. 3

Current Wellbore Configuration



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