<i>Received by Opp 3 Appropriate District States of the provided by Opp 4 Appropriate District States of the provided and t</i>	M State of New Me Energy, Minerals and Natur OIL CONSERVATION 1220 South St. Fran Santa Fe, NM 87	ral Resources DIVISION cis Dr.	Form C-103 Form C-103 Revised July 18, 2013 WELL API NO. 30-039-07713 5. Indicate Type of Lease STATE S FEE 6. State Oil & Gas Lease No.
SUNDRY NOTICE (DO NOT USE THIS FORM FOR PROPOSA DIFFERENT RESERVOIR. USE "APPLICA" PROPOSALS.) 1. Type of Well: Oil Well G	TION FOR PERMIT" (FORM C-101) FO		 7. Lease Name or Unit Agreement Name Ired State 8. Well Number 1
 Name of Operator Merrion Oil & Gas Corporation Address of Operator 610 Reilly Ave, Farmington, NM 874 	01		9. OGRID Number 14634 10. Pool name or Wildcat Blanco PC
4. Well Location Unit Letter_N:_790fe Section 32 Towns	et from the _South line and _ hip 30N Range 7W 11. Elevation <i>(Show whether DR,</i> 6168'	NMPM <i>RKB, RT, GR, etc.)</i>	County Rio Arriba
12. Check Ap	propriate Box to Indicate Na		Report or Other Data
		REMEDIAL WORK	

PERFORM REMEDIAL WORK 🗌	PLUG AND ABANDON		REMEDIAL WORK		ALTERING CASING	3 🗌
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DRILLING OPNS.		P AND A	
PULL OR ALTER CASING	MULTIPLE COMPL		CASING/CEMENT JOB			
DOWNHOLE COMMINGLE						
CLOSED-LOOP SYSTEM						
OTHER: X Run 4 ½ Liner C	CSG Repair		OTHER:			
12 Describe proposed or compl	atad anarations (Clearly	state all r	artinant datails and give nortinant	+ data	including actimate	d dat

 Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Verbal approval was given on 11/9/2022 via email from Monica Kuehling with the NMOCD to run a 41/2 liner.

The holes are located between 2450' and 2500'. Merrion Oil & Gas will notify Monica with the NMOCD when cementing is scheduled, and a MIT will be run after cementing.

Please see the attached detailed procedure.

Spud Date:	Rig Release Date:	
I hereby certify that the information above is true and	complete to the best of my knowledge and belief.	
SIGNATURE Philana Thompson TITLE_	Regulatory Compliance SpecalistDATE_	_11/9/2022
Type or print namePhilana Thompson For State Use Only	E-mail address: _pthompson@merrion.bz	PHONE: _505-486-1171
APPROVED BY: Conditions of Approval (if any):	TITLE	DATE



WORKOVER PROCEDURE

Well Information					
Well:	Ired State	e #1	Field:	Blanco PC	
		630' fwl (SW SW)	Elevations:	6167' GL, 6177' KB	
Location:	Sec 32, T30N, R7W Rio Arriba Co., New Mexico		Depths:	4,480' KB PBTD	
API:	30-039-07713		Date:	November 4 th , 2022	
Tubulars:	7" 23# J55 @ 4720' KB See schematic for tbg. detail.		Engineer:	Ryan Davis (505-215-3292)	
Perforations (PC) 3004'-3016' KB, 3022'-26' KB, 3031'-52' KB 4 JSPF			52' KB 4 JSPF- 0.34"		
Additional Perforations					
Perforation	Perforations (PC)				

Version 1 – Procedure subject to change based on changing well conditions.

Prepare Well for Liner

- 1. MIRU Wireline
- 2. Set Composite BP @ 2990' KB
- 3. Load and roll the hole w/ fresh water
- 4. Pull current tbg head and install 11" 2K X 11" 3K csg spool

Run 4-1/2" Liner

- 5. MIRU casing crew
- 6. PU float shoe and 2 jts of 4-1/2" 10.5# J55 csg,
- 7. PU 5' csg sub and make up stage tool, ACP (Inflatable Packer) and float collar on bottom
- 8. RIH w/ 72 jts of 4-1/2" 10.5# J55
- 9. Land 4-1/2" liner in csg spool w/ 5' landing sub

Cement Liner

- 10. NU cementing head and manifold
- 11. Pump 10 bbl fresh water spacer
- 12. Mix and pump 20 sxs (4.7 bbls) Type III cement
- 13. Drop plug and displace with 46 bbls to bump plug
- 14. Pressure up to set ACP. Walk pressure up to 1200 psi
- 15. Drop dart to open stage tool
- 16. Circulate clean fluid to surface. (104 bbl capacity)
- 17. Mix and pump 235 sxs (57 bbls) type III cement
- 18. Drop plug and displace with 47 bbls to bump plug

Drill out and Put on Production

19. Install tbg head

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20. NU BOP

MERRION OTL & GAS

- 21. PU 3-7/8" bit, bit sub
- 22. RIH on 2-3/8" J55 4.7# tbg
- 23. Drill out DV tool, float collar, float shoe and composite BP.
- 24. TOOH
- 25. RIH w/ 2-3/8" J55 4.7# production tbg w/ SN and notch collar on bottom
- 26. Land tbg, NU dn BOP and NU WH
- 27. Swab well if necessary and put to sales
- 28. Rig dn and Move equipment off location

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WORKOVER PROCEDURE

				Gas Corporation Schematic		
	Ired State No. 1 (30-039-07713)					
		Curren	t Wellbo	ore Configuration		
	790' fsl & 1630' fwl (sw sw) Sec 32, T30N, R7W, NMPM Rio Arriba Co, New Mexico 11/06/2022	Ť		Elevation: 6,167' GL 6,177' RKB By: J. Ryan Davis		
- Tertiary	San Jose - Surface			Top of Cmt @ Surface Bit Size - 12 1/4" Remedial cement down annulus w/ 85 sx (100 cu ft) 10 3/4", 40# Surface Csg @ 188' KB w/ 125sx (148 cu ft)		
	Ojo Alamo - 1,958' Kirtland - 2,108'	U CONST CALLER C		Bit Size 8 3/4"		
	Fruitland - 2,710'	Second	-	TOC @ 2,451' KB (CBL), sqz csg leaks 2921'-2936', 100 sxs (1994)		
Cretaceous	Pictured Cliffs - 2,983' Lewis - 3,110'			PC Perfs: 3,004' - 16' (4 JSPF), 3,022' - 26' (4 JSPF), 3,031' - 52' (4 JSPF) (11/11/1994) Frac: 70 Q foam, 50M 20/40 sand, 20M 16/30 sand (11/14/1994) Intermediate Casing 7'', 23# @ 4,470' KB w/ 300 sxs (354 cu ft)		
	Cliffhouse - 4,729' Menefee - 4,831'			CIBP @ 4,600' KB; Spot 25 sxs 'B" to 4,480' KB Top of Fish @ 4692' KB Mesaverde Open Hole Completion Shot w/ 2,265 qts of nitroglycerin (Dec 1, 1953)		
	Pt. Lookout - 5,193'			4,497'- 80% free 5,205'- 4,910' - 100% free 5,180' - Kick possible seating nipple		
I L	Mancos - 5,331'			TD @ 5,334'KB PBTD @ 5,230' KB		

Figure 1: Current Wellbore Configuration

Ryan Davis

Page 3 of 4

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WORKOVER PROCEDURE

		Ired State No. 1	(30-039-077		
			re Configuration		
	790' fsl & 1630' fwl (sw sw) Sec 32, T30N, R7W, NMPM Rio Arriba Co, New Mexico			Elevation: By:	6,167' GL 6,177' RKB J. Ryan Davis
Prepared:	11/06/2022			Top of Cmt @ Surface	
1	San Jose - Surface	- 100	Bit Size - 12 Remedial ce	1/4" ement down annulus w/ 85 sx	(100 cu ft)
leruary		- 111	10 3/4", 40#	Surface Csg @ 188' KB w/ 1	25sx (148 cu ft)
			Bit Size 8 3/4		
	Ojo Alamo - 1,958' Kirtland - 2,108'		< 4 1/2" .	J55 10.5# STC Liner Cemen	ted to surface (235 sxs)
1		-		' KB (CBL), // water influx @ 2450' - 247: noise log (11/09/2022)	5' GL
	Fruitland - 2,710'			E Production Tubing	
sno			Float s	Inflatable Packer (ACP) @ 2 hoe, 2 jts 4-1/2", float collar	@ 2985' KB
Cretaceous	Pictured Cliffs - 2,983'		PC Perfs: 3,004	ks 2921'-2936', 100 sxs (19 k' - 16' (4 JSPF), 2' - 26' (4 JSPF),	94)
5	Lewis - 3,110'		3,03	i' - 52' (4 JSPF), 1' - 52' (4 JSPF) (11/11/1994) joam, 50M 20/40 sand, 20M 1	6/30 sand (11/14/1994)
			Intermediate Ca	asing 7", 23# @ 4,470' KB w/	300 sxs (354 cu ft)
1			-	KB; Spot 25 sxs 'B" to 4,480' I	KB
	Cliffhouse - 4,729'		Top of Fish (
1	Menefee - 4,831'	200000 mm / mm / mm / mm / mm / mm / mm		Open Hole Completion w/ 2,265 qts of nitroglycerin	(Dec 1, 1953)
	Pt. Lookout - 5,193'		5,20	7'- 80% free 5'- 4,910' - 100% free	
 	Mancos - 5,331'		5,18 TD @ 5,334	0' - Kick possible seating nip 'KB	ble
			PBTD @ 5,2	30' KB	

Merrion Oil & Gas Corporation Wellbore Schematic

Figure 2: Proposed Wellbore Configuration (4-1/2 Liner)

Ryan	Davis
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Page 4 of 4

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Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator: C	OGRID:
MERRION OIL & GAS CORP	14634
610 Reilly Avenue	Action Number:
Farmington, NM 87401	157512
2	Action Type:
	[C-103] NOI Workover (C-103G)
CONDITIONS	

CONDITIONS		
Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	7/2/2025

CONDITIONS

Action 157512