District I 1625 N. French Dr., Hobbs, NM 88240 Phone(575) 393-6161 Fax:(575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone(575) 748-1283 Fax:(575) 748-9720

Phone:(3/3) (48-1283 Fax.(3/3)) (48-9/20)

District III

1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax.(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505

Phone:(305) 476-3470 Fax.(305) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division

Form C-101 August 1, 2011

1220 S. St Francis Dr. Santa Fe, NM 87505

Operator Name and Address MURCHISON OIL & GAS INC								2. OGRID Number 15363			
			0 Mira Vist lano, TX 7					3. API Number 30-025-412			
4. Property Code 8127			5. Property Name 6. Wetl No. JACKSON UNIT 023H								
		9.8		7. S	urface Loc	ation	20 20				
UL - Lot	Section 22	Township 24S	Range 33E	Lot Idn N	Feet From	N/S Line S	Feet From 1670	E/W Line W	County		

<u> 145 - 157 </u>	8. Proposed Bottom Hole Location								
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
С	22	24S	33E	3	330	N	1670	W	Lea

9. Pool Information	n
TRIPLE X;BONE SPRING	59900

		Additional Well Informa	ition		
11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3529	
16. Multiple 17. Proposed Do		18. Formation 19. Contr 2nd Bone Spring Sand		20. Spud Date 1/6/2014	
Depth to Ground	water	Distance from nearest fresh water w	Distance to nearest surface water		

	21. Proposed Casing and Cement Program						
Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC	
Surf	16	13.375	54.5	1480	800	0	
Int1	12.25	9.625	40	5184	1375	0	
Prod	8.5	7	26	10920	700	4000	
Linnel	6 125	4.5	11.6	14000	500	10020	

Casing/Cement Program: Additional Comments Cement with 50% excess and circulate to surface on surface casing and intermediate casing. Cement with 50% excess on production

casing to bring TOC to 4,000' MD. Cement liner with 25% excess to bring TOC to 10,820' MD.

22. Proposed Blowout Prevention Program					
Type	Working Pressure	Test Pressure	Manufacturer		
Annular	5000	5000	Schaffer		
DoubleRam	5000	5000	Schaffer		

best of my knowledge and bel-		OIL CONSERVATION DIVISION Approved By: Paul Kautz				
I further certify I have comp 19.15.14.9 (B) NMAC ⊠, if	olied with 19.15.14.9 (A) NMAC and/or applicable.					
Signature:						
Printed Name: Electronic	ally filed by Michael Daugherty	Title: Geologist				
Title: COO		Approved Date: 6/18/2013	Expiration Date: 6/18/2015			
Email Address: ccottrell(@jdmii.com					
Date: 6/18/2013	Phone: 972-931-0700	Conditions of Approval Attached				

District.1
1625 N. French Dr., Hobbs. NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District.11
811 S. First St., Artesia. NM 88210
Phone: (575) 748-1283 Fax: (375) 748-9720
District.III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (508) 334-6170
District.IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

Dedicated Acres

160

³ Joint or Infill

[‡] Consolidation Code

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number			2 Pool Cod	e		3 Pool Na	ame				
				59900		Triple X;	Bone Sprin	ıg			
⁴ Property Code				⁵ Property Name						6 Well Number	
8127					JACKSON UNIT					23H	
OGRID No. * Operator Name							⁹ Elevation				
15363			MURCHISON OIL & GAS, INC.						3529.0		
					10 Surface	Location			HANDON CONTRACTOR TO THE STATE OF THE STATE	- This is the second and the second	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/We	st line	County	
N	22	24 S	33 E		200	SOUTH	1670	WEST		LEA	
			п Вс	ttom Ho	le Location I:	f Different From	n Surface	Annual Control of the		and the second s	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line		County	
C	22	24 S	33 E		330	NORTH	1670	WES	ST	LEA	

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.

Order No.

	N89*38'39"E	2639 39 FT N89*38'39"E	2639.39 FT		17 OPERATOR CERTIFICATION
-	BOTTO	The tolk of the term of the te	NE CORNER SEC. 22		I hereby certify that the information contained herein is true and complete
	0F HOLI	E COMPUTED	COMPUTED NMDOT HWY 128 ROW MAP	Ì	to the best of my knowledge and belief, and that this organization either
	NW CORNER SEC. 22	T			owns a working interest or unleased mineral interest in the land including
N00	COMPUTED NMDOT	BOTTOM OF HOLE LAT. = 32 12 34.054 N		SS	the proposed bottom hole location or has a right to drill this well at this
		LONG. = 103'33'47.942"W	1	S00'25	location pursuant to a contract with an owner of such a mineral or working
24'				25'5	interest, or to a voluntary pooling agreement or a compulsory pooling
28"W	1			54"E	order hershifore engined by sheld dising.
N 2	and the second control to the second control	THE PROPERTY NAMED AND ADDRESS OF THE PARTY NAMED AND ADDRESS	water transfer to the transfer where the transfer where	K.7	Whoken 111 1001111 als 611218
2639			1	637	Signature
6	-	1		7.95	Winter 1 of D / 1 /
6		NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN	İ	77	Michael S. Daugherty
-	į.	USING THE NORTH AMERICAN DATUM OF 1983 (NAD83)			Printed Name
	E	IN DEGREES MINUTES DECIMAL SECONDS FORMAT. BASIS OF BEARING IS NEW MEXICO STATE PLANE EAST			mdaugherty@jdmii.com
	W/4 CORNER SEC. 22	(NAD83) COORDINATES MODIFIED TO SURFACE.	E/4 CORNER SEC. 22		E-mail Address
	LAT: =-32'12'11.212"N		+ + LAT. = 32"+2"1+.177"N+		
	LONG. = 103'34'07.372"W		LONG. = 103'33'05.935"W		*SURVEYOR CERTIFICATION
-		1			I hereby certify that the well location shown on this
					plat was plotted from field notes of actual surveys
00.	1			\$00.2	
23			·		made by me or under my supervision, and that the
51				7'32 " E	same is true and correct to the best of my belief.
₹	and the second s	we wanted appeals appeals appeals to the territory of the	region couldn't receive thereto remove assume assume the	. 20	MARCH 26, 2013
26		JACKSON UNIT #23H FLEV = 3529 0"		2639	Date of Survey
40.	SW CORNER SEC. 22	LAT. = 32'11'47.068I'N (NAD83)			// 1279/2-2
∞	LAT. = 32'11'45.091"N	LONG. = 103'33'47.945"W		70	Mark Maconell
크	LONG. = 103'34'07.377"W	SURFACE	1	7/	S S S S S S S S S S S S S S S S S S S
	-	LOCATION	** ***		Signature and Seat of Professional Surveyor.
	1670'-	S/4 CORNÉR SEC. 22 LAT. = 32'11'45.087"N	SE CORNER SEC. 22 LAT. = 32'11'45.061"N		Certificate Number: FIRMON F. LANSMILLO, PLS 12797
		LONG. = 103'33'36.614"W	LONG. = 103'33'05.912"W		SCRVEY NO. 1661
	S89°35'53"W	264 <i>3</i> [98 FT \$89'38'33"W	2638.73 FT		

Permit Comments

Operator: MURCHISON OIL & GAS INC , 15363 Well: JACKSON UNIT #023H

API: 30-025-41229

Created By	Comment	Comment Date
pkautz	Land s/S	6/18/2013
CHERRERA	OCD RECEIVED FORM C144 CLEZ. OCD PERMIT #P1-06387	6/18/2013

Permit Conditions of Approval

Operator: MURCHISON OIL & GAS INC , 15363 Well: JACKSON UNIT #023H API: 30-025-41229

OCD Reviewer	Condition				
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string				
pkautz	In order to seal off protectable water, surface casing must be set 25' below top of Rustler Anhydrite				