District IV

District I 1825 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

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form C-101 August 1, 2011

Permit 174109

1. Operat		e and Addre CHISON O		SINC					6905	300			8800	2. OGR	15363		
		Mira Vista												3. API			
	Plan	o, TX 75093	3												30-025-41439	9	
4. Propert	4015				5. Property		State C	om						6. Well	No. 005H		
									7. Surfa	ce Location							
UL - Lot	М	Section	20	Township 2	24S	ange	33E	Lot Idr	M	Feet From 200		N/S Line S	Feet	From 380	E/W Line W	County	Lea
								O Dron		ottom Hole Loca							
JL - Lot		Section		Township	Гр	ange		Lot Ide		Feet From		N/S Line	East	From	E/W Line	County	
72 - 201	D	Sealon	20		48		33E	Lot Idi	D	330		N	1 661	380	W	County	Lea
									9. Pool	Information							
TRIPLE	X;BON	NE SPRING	, WEST	Г											96674		
								Add	ditional V	Well Information	1						
11. Work	Type New	Well		12. Well Ty	pe OIL		13. Cs	ble/Rotar	у		14. Le	ease Type State			evel Elevation 538		
16. Multip	ple N			17. Propose	d Depth 5650		18. Formation 19. Contra Bone Spring			9. Contractor 20. Spud Date 9/1/2014							
Depth to	Ground	water					Distan	oe from n	earest fresi	h water well				Distance to n	earest surface water	r	
We wil	ll be u	sing a clos	ed-loop	system in li	eu of lined	pits											
				7		5 80.70	21.	Propos	ed Casin	ng and Cement F	Progra	ım					
Тур	oe o	Hole	Size	Ca	sing Size			sing Weig			ng Dept		Sa	ds of Cement		Estimated 1	тос
Su			16		13.375					1200		600		0			
	1	12	12.25 9.625				40		5		5100		1700		0		
Int				26 1		10500		1000									
Int Pro			.5		7			26		1	0500			1000	ľ	4000	

Casing/Cement Program: Additional Comments

Cement with 100% excess and circulate to surface on surface and intermediate casing. Cement 100% excess on production casing to bring TOC to 4,000° MD. Cement liner with 25% excess to bring TOC to 10,400' MD.

22. Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	Schaffer
Double Ram	5000	5000	Schaffer

knowledge and	belief. I have complied with 19.15.14.9 (A)	true and complete to the best of my NMAC ⊠ and/or 19.15.14.9 (B) NMAC		OIL CONSERVATION	ON DIVISION
Printed Name:	Electronically filed by Michael Da	ugherty	Approved By:	Paul Kautz	
Title:	C00	33-35 A	Title:	Geologist	S
Email Address:	ccottrell@jdmii.com	0.100.100.00	Approved Date:	10/4/2013	Expiration Date: 10/4/2015
Date:	9/30/2013	Phone: 972-931-0700	Conditions of Appr	roval Attached	Market Carrier and an Carrier

District.I 1623 N. French Dr., Hobbs, NM 88240 Phone; 65751 393-6161 Fax; (575) 393-0720 District.II 511 S. Frist St., Artesia, NM 88210 Phone; 65751 748-1283 Fax; (575) 748-9720 District.III 1000 Rio Brazos Road, Aztee, NM 87410 Phone; (505) 334-6178 Fax; (505) 334-6170 District.IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone; (505) 476-3462 Fax; (505) 476-3462 Phone; 6051 476-3462 Fax; (505) 476-3462

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

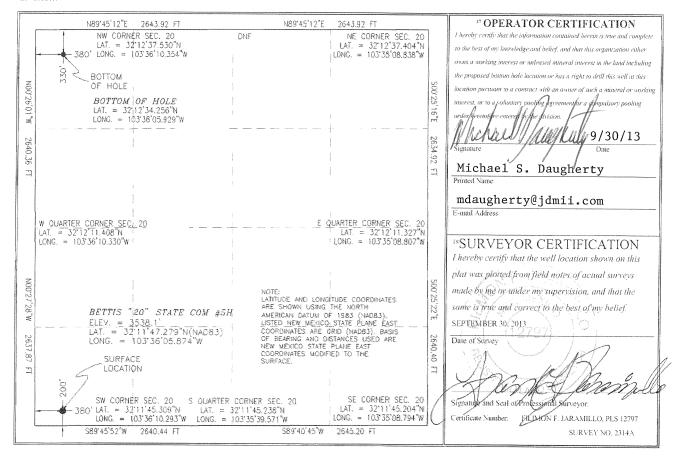
■ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[†] API Number	² Pool Code ³ Pool Name		
	96674	Triple X; Bone Spring, West	
Property Code	5 P	roperty Name	" Well Number
	BETTIS	5H	
OGRID No.	Θ'	perator Name	" Elevation
15363	MURCHISO	N OIL & GAS, INC.	3538.1

					™ Surface	Location			MONEY COMMING THE ANALYSIS OF THE PROPERTY OF
EL or lot no. M	Section 20	Township 24 S	Range 33 E	Lot Idn	Feet from the 200	North/South line SOUTH	Feet from the 380	East/West line WEST	County LEA
			п Вс	ttom Hol	e Location I	Different From	n Surface		
UL or lot no.	Section	Township	Range	Let Ida	Feet from the	North/South line	Feet from the	East/West line	County
D	20	24 S	33 E	970	330	NORTH	380	WEST	LEA
10 Dedicated Acres	Is Joint or	r Infill 12 C	onsolidation	Code 15 Or	der No.				
160									

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.



<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 Fax:(575) 393-0720

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 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:(505) 476-3470 Fax:(505) 476-3462

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

Permit 174109

Form APD Comments

PERMIT COMMENTS

ſ	Operator Name and Address:	API Number:
١	MURCHISON OIL & GAS INC [15363]	30-025-41439
١	1100 Mira Vista Blvd.	Well:
	Plano, TX 75093	Bettis 20 State Com #005H
•		•

Created By	Comment	Comment Date

Form APD Conditions

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 Fax:(575) 393-0720

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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:(505) 478-3470 Fax:(505) 478-3462

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

Permit 174109

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
MURCHISON OIL & GAS INC [15363]	30-025-41439
1100 Mira Vista Blvd.	Well:
Plano, TX 75093	Bettis 20 State Com #005H

OCD Reviewer	Condition
DMULL	Will require a directional survey with the C-104
DMULL	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines