

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

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

Form C-101
August 1, 2011
Permit 184767

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address MURCHISON OIL & GAS INC 1100 Mira Vista Blvd. Plano, TX 75093		2. OGRID Number 15363
4. Property Code 8127		3. API Number 30-025-41792
5. Property Name JACKSON UNIT		6. Well No. 037H

7. Surface Location

UL - Lot B	Section 15	Township 24S	Range 33E	Lot Idn B	Feet From 200	N/S Line N	Feet From 1670	E/W Line E	County Lea
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8. Proposed Bottom Hole Location

UL - Lot O	Section 15	Township 24S	Range 33E	Lot Idn O	Feet From 330	N/S Line S	Feet From 1670	E/W Line E	County Lea
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9. Pool Information

TRIPLE X;BONE SPRING, WEST	96674
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3614
16. Multiple N	17. Proposed Depth 15700	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 7/15/2014
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☐ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	16	13.375	54.5	1200	700	0
Int1	12.25	9.625	40	5200	1400	0
Prod	8.5	5.5	17	15700	1700	3000

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

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

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ , if applicable. Signature: _____ Printed Name: Electronically filed by Michael Daugherty Title: COO Email Address: ccottrell@jdmii.com Date: 4/15/2014	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 4/16/2014 Expiration Date: 4/16/2016 Conditions of Approval Attached
Phone: 972-931-0700	

District I
1625 N. Branch Dr., Suite 200, Santa Fe, NM 87505
Phone: (505) 293-6000 Fax: (505) 293-6720
District II
111 E. First St., Santa Fe, NM 87501
Phone: (505) 740-1285 Fax: (505) 740-6720
District III
1000 Rio Grande Road, Santa Fe, NM 87505
Phone: (505) 514-4175 Fax: (505) 514-4170
District IV
220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3303 Fax: (505) 476-3402

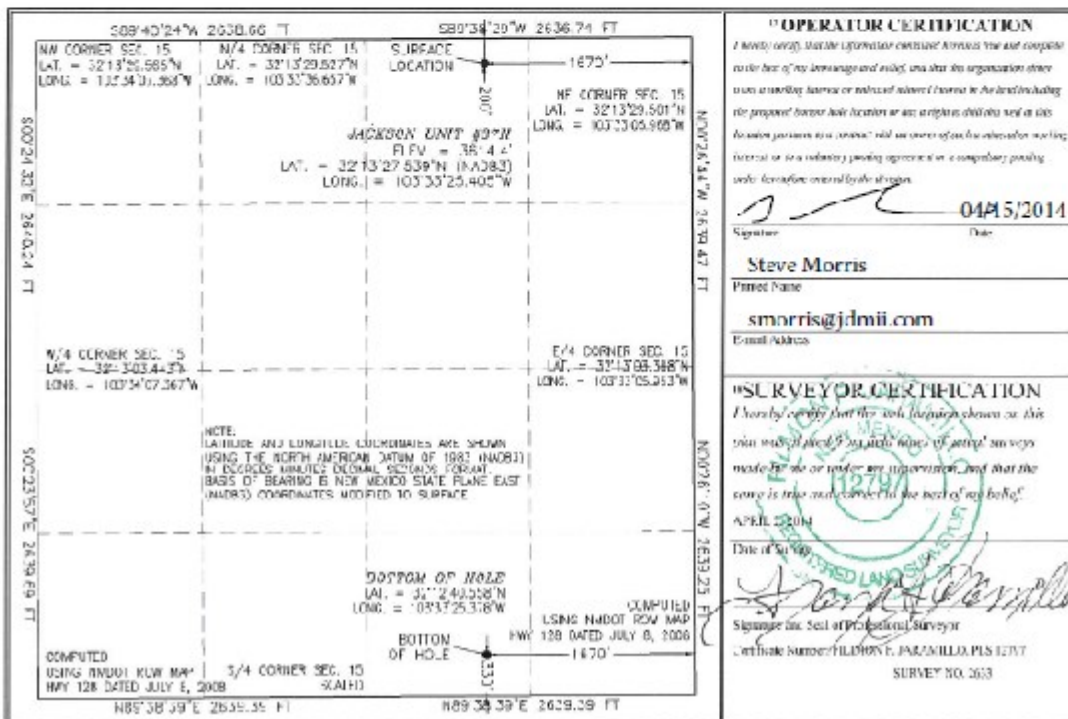
State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
220 South St. Francis Dr.
Santa Fe, NM 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 Well Number		2 Well Code		3 Well Name	
8127		59900		Triple X; Bone Spring	
4 Property Code		5 Property Name		6 Well Number	
15363		JACKSON UNIT		37H	
7 GRID No.		8 Operator Name		9 Elevation	
15363		MURCHISON OIL & GAS, INC.		3614.4	
10 Surface Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the
B	15	24 S	33 E	200	North/South line
				1670'	East/West line
				EAST	County
				LEA	
11 Bottom Hole Location If Different From Surface					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the
D	15	24 S	33 E	330	North/South line
				1670'	East/West line
				EAST	County
				LEA	
12 Dedicated Acres		13 Joint or Lease		14 Order 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.



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

Form APD Comments

Permit 184787

PERMIT COMMENTS

Operator Name and Address: MURCHISON OIL & GAS INC [15363] 1100 Mira Vista Blvd. Plano, TX 75093		API Number: 30-025-41792
		Well: JACKSON UNIT #037H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 184767

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

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MURCHISON OIL & GAS INC [15363] 1100 Mira Vista Blvd. Plano, TX 75093	API Number: 30-025-41792
	Well: JACKSON UNIT #037H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
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	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --