

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 749-1283 Fax:(575) 749-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

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 188801

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 28767		3. API Number 30-025-41959
5. Property Name BRININSTOOL 4 STATE		6. Well No. 004H

7. Surface Location

UL - Lot	M	Section	4	Township	24S	Range	33E	Lot Idn	M	Feet From	175	N/S Line	S	Feet From	1050	E/W Line	W	County	Lea
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8. Proposed Bottom Hole Location

UL - Lot	D	Section	4	Township	24S	Range	33E	Lot Idn	D	Feet From	330	N/S Line	N	Feet From	990	E/W Line	W	County	Lea
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9. Pool Information

TRIPLE X;BONE SPRING	59900
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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 3634
16. Multiple N	17. Proposed Depth 15500	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	1250	800	0
Int1	12.25	9.625	40	5100	1400	0
Prod	8.5	7	26	10400	1200	3000
Liner1	8.5	4.5	11.6	15500	1300	10400

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:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Michael Daugherty	Approved By: Paul Kautz
Title: COO	Title: Geologist
Email Address: ccottrell@jdmii.com	Approved Date: 7/14/2014 Expiration Date: 7/14/2016
Date: 7/8/2014 Phone: 972-931-0700	Conditions of Approval Attached

2014.05
1025 N. French Dr., Suite 200 (818) 241-1100
Albuquerque, NM 87102
Phone: (505) 241-1100 Fax: (505) 241-1101
Email: info@dmii.com
1000 Red River Road, Suite 100, Santa Fe, NM 87501
Phone: (505) 325-1178 Fax: (505) 325-1179
Email: info@dmii.com
1025 N. French Dr., Suite 200 (818) 241-1100
Albuquerque, NM 87102
Phone: (505) 241-1100 Fax: (505) 241-1101

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 Code		3. Pool Name	
59900				Triple X; Bone Spring	
4. Property Code		5. Property Name		6. Well Number	
		BRINSTOOL 4 STATE		4	
7. GRID No.		8. Operator Name		9. Elevation	
15263		MURCHISON OIL AND GAS, INC.		3634.2	

10. Surface Location

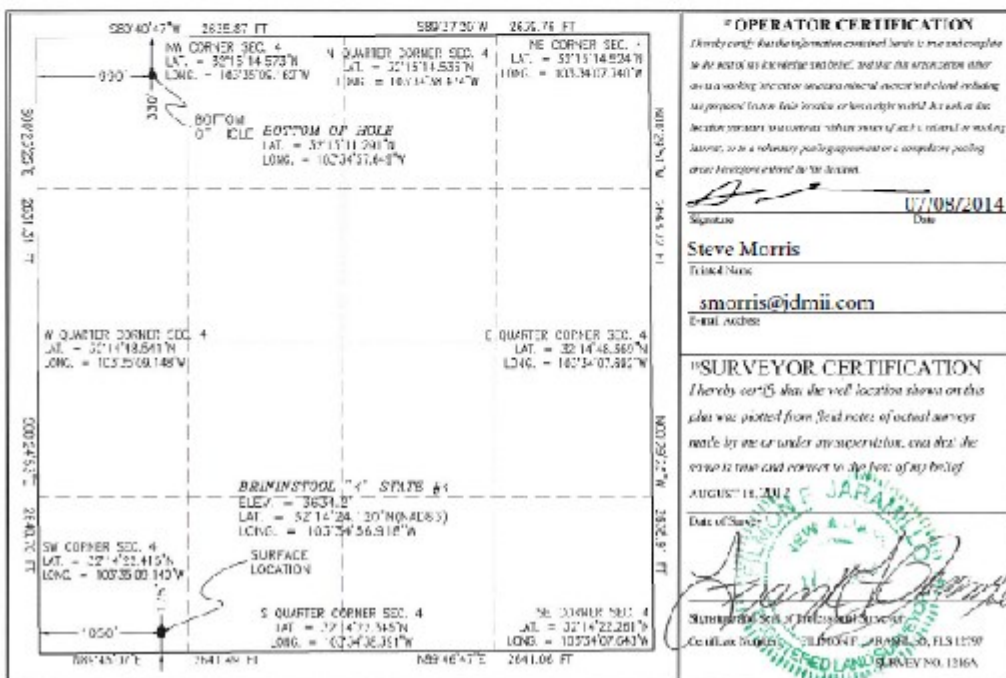
UL or lat. no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
M	4	24 S	33 E		175	SOUTH	1050	WEST	LEA

11. Bottom Hole Location If Different From Surface

UL or lat. no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
D	4	24 S	33 E		330	NORTH	990	WEST	LEA

12. Declined Acres	13. Leases Infill	14. Consolidation Code	15. Order No.
80			

No a lease 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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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form APD Comments

Permit 188801

PERMIT COMMENTS

Operator Name and Address: MURCHISON OIL & GAS INC [15363] 1100 Mira Vista Blvd. Plano, TX 75093	API Number: 30-025-41959
	Well: BRININSTOOL 4 STATE #004H

Created By	Comment	Comment Date
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1220 S. St Francis Dr.
Santa Fe, NM 87505

Form APD Conditions

Permit 188801

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MURCHISON OIL & GAS INC [15363] 1100 Mira Vista Blvd. Plano, TX 75093	API Number: 30-025-41959
	Well: BRININSTOOL 4 STATE #004H

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	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water