

**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 141112

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

1. Operator Name and Address <b>THREE RIVERS OPERATING COMPANY LLC</b> 1122 S. Capital of Texas Hwy Austin, TX 78746		2. OGRID Number 272295
		3. API Number 30-025-40397
4. Property Code 309209	5. Property Name AIRSTRIP 6 STATE	6. Well No. 002H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	6	19S	35E	6	1830	S	660	W	LEA

**8. Pool Information**

SCHARB;BONE SPRING	55610
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**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3903
14. Multiple N	15. Proposed Depth 15500	16. Formation 3rd Bone Spring Sand	17. Contractor	18. Spud Date 2/6/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1940	1750	0
Int1	12.25	9.625	40	3950	1500	0
Prod	8.75	5.5	20	15500	1750	3450

**Casing/Cement Program: Additional Comments**

Plan to drill a 17.5" hole to 1940' with FW. Run 13.375" 54.5# K55 STC casing & cement to surface. Drill a 12.25" hole to 3950' with BW. Run 9.625" 40# N80 LTC casing and cement to surface. Drill an 8.75" hole with cut brine to 10070'. Kick-off and drill a lateral to 10670' TVD / 15500' MD. Run 5.5" 20# L80 LTC casing and cement in 2 stages with DV tool @ 9500'.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Cameron

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Jim Keisling	Approved By: Paul Kautz
Title: VP Engineering	Title: Geologist
Email Address: jkeisling@3nmr.com	Approved Date: 1/10/2012   Expiration Date: 1/10/2014
Date: 1/5/2012   Phone: 512-600-3182	Conditions of Approval Attached

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

Form C-102  
August 1, 2011  
Permit 141112

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-40397	2. Pool Code 55610	3. Pool Name SCHARB;BONE SPRING
4. Property Code 309209	5. Property Name AIRSTrip 6 STATE	6. Well No. 002H
7. OGRID No. 272295	8. Operator Name THREE RIVERS OPERATING COMPANY LLC	9. Elevation 3903

**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	6	19S	35E	3	1830	S	660	W	LEA

**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	6	19S	35E	I	1980	S	510	E	LEA
12. Dedicated Acres 158.90		13. Joint or Infill		14. Consolidation Code		15. Order No.			

**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**

<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td><td style="width: 25%; height: 40px;"></td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> <tr><td style="height: 40px;">■</td><td style="background-color: #cccccc; height: 40px;"></td><td style="background-color: #cccccc; height: 40px;"></td><td style="height: 40px;">■</td></tr> <tr><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td><td style="height: 40px;"></td></tr> </table>									■			■					<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>E-Signed By: Jim Keisling Title: VP Engineering Date: 1/5/2012</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Surveyed By: Gary Jones Date of Survey: 1/3/2012 Certificate Number: 7977</p>
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## Permit Comments

**Operator:** THREE RIVERS OPERATING COMPANY LLC , 272295

**Well:** AIRSTRIP 6 STATE #002H

**API:** 30-025-40397

Created By	Comment	Comment Date
pkautz	Overlaps with 30-025-37842 Three Rivers, Airstrip 6 State# 1 (LM deicated) 40 ACRE overlap in u/l L(6)	12/7/2011
pkautz	Rejected at request of operator to make changes	12/7/2011
pkautz	Land p/S	1/6/2012
DMULL	OCD Hobbs office has received form C-144CLEZ. OCD Permit Number P1-04068.	1/10/2012



## Permit Conditions of Approval

**Operator:** THREE RIVERS OPERATING COMPANY LLC , 272295

**Well:** AIRSTRIP 6 STATE #002H

**API:** 30-025-40397

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