

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

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

RECEIVED State of New Mexico
Energy, Minerals and Natural Resources

MAR 22 2011 Oil Conservation Division
HOBBSD 1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
June 16, 2008

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address Three Rivers Operating Co LLC 1122 S. Capital of Texas Hwy, Ste 325 Austin, TX 78746		² OGRID Number 272295 ✓
		³ API Number 30 - 025-33890 ✓
⁴ Property Code 307320	⁵ Property Name D K 25	⁶ Well No. 5 ✓
⁹ Proposed Pool 1 Blinebry 046 S.D.D		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	25	20S	38E		2310	South	307	East	Lea

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3,566
¹⁶ Multiple No	¹⁷ Proposed Depth 6,800 PB	¹⁸ Formation Blinebry	¹⁹ Contractor	²⁰ Spud Date 04/15/2011

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4" ~"	8 5/8"	24	1,613'		Surface
7 7/8"	5 1/2"	17	7,928'	1,100	2,512'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

PLUG BACK from existing ABO perms (7,368 - 7,578') & Drinkard perms (6,860 - 7,074').

Set CIBP @ 6,800' with 35' cmt.

Recomplete in Blinebry formation (6,060' - 6,212'); acidize, frac, test & return to production.

**Permit Expires 2 Years From Approval
Date Unless Drilling Underway**

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:



Printed name: TOM STRATTON

Title: OPERATIONS ENGINEER

E-mail Address: tstratton@3rnrr.com

Date: 03/17/11

Phone: 512-706-9849

OIL CONSERVATION DIVISION

Approved by:



Title:

PETROLEUM ENGINEER

Approval Date:

MAR 28 2011

Expiration Date:

Conditions of Approval Attached ☐

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State of New Mexico

RECEIVED
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

MAR 23 2011
1220 South St. Francis Dr.

HOBBS NM 87505

Form C-102

Revised July 16, 2010

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-33890	² Pool Code 06660	³ Pool Name Blinberry Ditch Gas Co.
⁴ Property Code 307320	⁵ Property Name	
⁷ OGRID No. 272295	⁸ Operator Name THREE RIVERS OPERATING, LLC.	⁹ Elevation 3566' GL

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot 1 dn	Feet from the	North/South line	Feet from the	East/West line	County
I	25	20S	38E		2310'	SOUTH	330'	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1 dn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

16				17 OPERATOR CERTIFICATION 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 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.	
				Signature: <u>Joe T. Janica</u> Date: <u>03/23/11</u>	
				Printed Name: <u>Joe T. Janica</u>	
				E-mail Address: <u>joejanica@valornet.com</u>	
				18 SURVEYOR CERTIFICATION 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.	
				Date of Survey: _____	
				Signature and Seal of Professional Surveyor: _____	
				Certificate Number: _____	



D-K 25 WELL NO. 5
API # 30-025-33890
330' FEL & 2310' FSL
SEC 25 - 20S - 38E
LEA COUNTY, NM

8.625" 24# @ 1613'
5.5" 17# N80/J55 @ 7928' CMT'D W 1100 SX TOC- 2512'

CURRENT PERFS:

ABO 7366 - 7588'
DRINKARD 6860 - 7074'

PROPOSED PERFS: BLINEBRY 6060 - 6212'

AS FOLLOWS:

6060 - 70', 6088 - 95', 6112 - 13', 6118 - 20', 6140 - 47', 6185 - 87', 6190 - 98',
6204 - 06', 6210 - 12'. (2 JSPF)

PROCEDURE:

MIRU Pulling Unit; set catwalks & pipe racks
Unseat pump & pull rods & pump OOH
Pump acid/xylene down tubing; load hole with 2% kcl
ND well head, NU bop
Pull tubing OOH (no tac?)
Rig up wireline: Run gauge ring & junk basket to 6860'
Set CIBP @ 6810'; dump 2 sx cmt on top
Run GR-CCL-CBL from PB TD to TOC (2512')
Perforate 6060-6212' (as above) w/ 3-1/8" gun w 180 deg phasing
RIH w/ 2.875" tbg w 2.875" x 5.5" Baker Packer w/ profile nipple & 1 tailjoint assembly
Test tbg in hole to 7000#
Run tbg to 6200' to spot 500 gals 15% nefe acid
Pull up & set packer @ 6000'
Break down perfs
Stimulate perfs with 4000 gals 15% hcl nefe using 150 bio ball sealers
After 30 minute shut-in; begin to flow back well
Swab test if necessary
Release packer; pull 2-7/8" tbg & pkr ooh;
RIH w/ 3.5" frac tubing w/ 3.5" x 5.5" rental packer; set 120' above perfs.

Frac well per frac company proposal. Prepare to flow back well to test tanks as necessary.

Once well is bled off, ND frac wellhead, NU BOP;

Pull 3.5" tbg & pkr ooh

RIH w/ 2.875" tbg w mud anchor, perf sub, SN & tubing; EOT @ 6200' +/-

RIH w/ rods & pump with 6' extension & 8' gas anchor.

Return well to production

Evaluate production and current production equipment on well.