

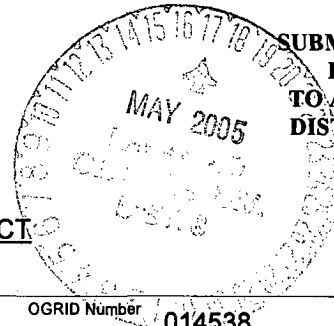
New Mexico
Energy Minerals and Natural Resources Department

Form C-140
Revised 06/99

District I - (505) 393-6161
1625 N. French Dr, Hobbs, NM 88240
District II - (505) 748-1283
1301 W. Grand Avenue, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road, Aztec, NM 87410
District IV - (505) 476-3440
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505
(505) 476-3440

**APPLICATION FOR
WELL WORKOVER PROJECT**



**SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE**

I. Operator and Well

Operator name address Burlington Resources Oil and Gas Co. LP Box 4289, Farmington, NM 87499					OGRID Number 014538		
Contact Party Maralene Spawn					Phone 505/326-9700		
Property Name MANGUM SRC				Well Number 5		API Number 3004507831	
UL	Section	Township	Range	Feet From The	Feet From The	County	
I	29	29 N	11 W	1850 FSL	890 FEL	SAN JUAN	

II. Workover

Date Workover Commenced 11/12/2004	Previous Producing Pool(s) (Prior to Workover): BASIN DAKOTA
Date Workover Completed: 11/30/2004	

- III. Attach a description of the Workover Procedures performed to increase production.
IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.
V. AFFIDAVIT:

State of <u>New Mexico</u>)	
) ss.	
County of <u>San Juan</u>)	
<u>Maralene Spawn</u> , being first duly sworn, upon oath states:	
1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.	
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.	
3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.	
Signature <u>Maralene Spawn</u>	Title <u>Sr. Accountant</u> Date <u>5/17/05</u>
SUBSCRIBED AND SWORN TO before me this <u>17th</u> day of <u>May</u> , <u>2005</u> .	
Notary Public	
My Commission expires: <u>March 31, 2006</u>	<u>Joan E. Clark</u>

FOR OIL CONSERVATION DIVISION USE ONLY:

IV. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed 11-30-2004.

Signature District Supervisor <u>Charles P...</u>	OCD District <u>AZTEC III</u>	Date <u>05-31-2005</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

MANGUM SRC

5

3004507831

REG_DTL_D	BASIN DAKOTA	OTERO CHACRA (GAS)
11/01/2003	739	
12/01/2003	761	
01/01/2004	190	
02/01/2004	1134	
03/01/2004	853	
04/01/2004	910	
05/01/2004	1138	
06/01/2004	896	
07/01/2004	961	
08/01/2004	385	
09/01/2004	515	
10/01/2004	322	
11/01/2004	20	
12/01/2004	1253	1253
01/01/2005	1490	1490
02/01/2005	1091	1091

Submit 5 Copies to Appropriate District Office

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State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.,
Santa Fe, NM 87505

Form C-103

May 27, 2004

WELL API NO.

30-045-07831

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Mangum SRC

8. Well Number

5

9. OGRID Number

14538

10. Pool name or Wildcat
Otero Chacra/Basin Dakota

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Burlington Resources Oil & Gas Company LP

3. Address of Operator

PO Box 4289, Farmington, NM 87499

4. Well Location

Unit Letter I : 1850 feet from the South line and 890 feet from the East line

Section 29 Township 29N Range 11W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: Recompletion ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

11/15/04 MIRU. ND WH. NU BOP. TOOH w/2-3/8" tbg. TIH w/CIBP, set @ 5906'. PT to 500 psi/15 mins, OK. SDON.

11/16/04 Ran GR/CBL/CCL @ 3000' to 1800'. Perf 2 sqz holes @ 2810'. TIH w/cmt ret, set @ 2775'. SDON.

11/17/04 Pump 150 sxs Type 3 neat cmt. Reverse out. TIH w/pkr, set @ 810'. PT csg to 3000 psi/15 mins, OK.

TOOH w/pkr. Perf 2 sqz holes @ 2090'. TOOH. TIH w/cmt retainer, set @ 2074'. Pump 150 sxs Type III neat w/2% calcium chloride. Displace w/8 bbls wtr. Reverse out 3 bbls cmt. WOC. SDON.

11/18/04 TIH w/mill, tag up @ 620'. Mill out cmt from 620' to 830'. Tag top of retainer @ 2074'. Mill out retainer & cmt to 2100'. Circ hole clean. SDON.

11/19/04 Tag top of retainer @ 2768'. Circ hole clean. TOOH w/mill. TIH w/CBL, log from 2737' to 1800', TOC @ 2108'. TIH w/mill, tag retainer @ 2768'. Mill out retainer & cement to 2798'. Circ hole clean. SDON.

11/20/04 TOOH w/mill. Perf Chacra @ 2429, 2431, 2440, 2509, 2513, 2519, 2523, 2527, 2538, 2595, 2598, 2601, 2616, 2629, 2647, 2651, 2659, 2714, 2722, 2728, 2735, 2776, 2783, 2789 @ 1 SPF for a total of 24, 0.34" diameter holes. Brk dwn perfs. SDON.

11/22/04 Frac Chacra w/621 bbls 20# lnr gel, 200,000# 20/40 AZ sand, 845,600 SCF N2. Flow back well.

11/23-28/04 Flow back well.

11/29/04 TIH, tag up @ 2790'. CO to top of cmt @ 2798'. Mill out cmt from 2798' to 2815'. TIH to top of CIBP @ 5906'. Mill out CIBP @ 5906'. CO to PBD. Flow well.

11/30/04 TOOH w/mill. TIH w/192 jts 2-3/8" 4.7# J-55 tbg, set @ 6030'. ND BOP. NU WH. RD. Rig released.

Well will produce as a Chacra/Dakota commingle under DHC1519AZ.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

Tammy Jones

TITLE

DATE

Type or print name

E-mail address:

Telephone No.

For State Use Only

APPROVED BY:

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. 98

Conditions of Approval (if any):

DEC - 9 2004