

**District I** - (505) 393-6161

P. O. Box 1980  
Hobbs, NM 88241-1980

**District II** - (505) 748-1283

811 S. First  
Artesia, NM 88210

**District III** - (505) 334-6178

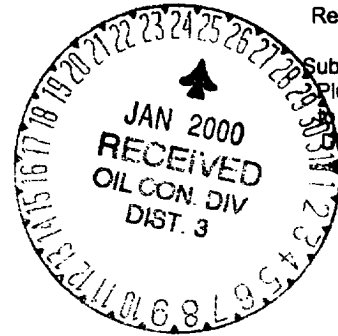
1000 Rio Brazos Road  
Aztec, NM 87410

**District IV** - (505) 827-7131

New Mexico  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Form C-140  
Revised 06/99

Submit Original  
Plus 2 Copies  
to appropriate  
District Office



**APPLICATION FOR  
WELL WORKOVER PROJECT**

**I. Operator and Well**

<b>Operator name and address</b> Burlington Resources Oil and Gas P.O. Box 4289 Farmington, NM 87499					<b>OGRID Number</b> 014538			
<b>Contact Party</b> Peggy Cole					<b>Phone</b> (505) 326-9700			
<b>Property Name</b> HOWELL				<b>Well Number</b> 6	<b>API Number</b> 300452033400			
<b>UL</b> G	<b>Section</b> 26	<b>Township</b> 028N	<b>Range</b> 008W	<b>Feet From The</b> 1460	<b>North/South Line</b> FNL	<b>Feet From The</b> 1570	<b>East/West Line</b> FEL	<b>County</b> SAN JUAN

**II. Workover**

<b>Date Workover Commenced</b> 7/1/99	<b>Previous Producing Pool(s) (Prior to Workover)</b>  SOUTH BLANCO PC
<b>Date Workover Completed</b> 7/26/99	

**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 New Mexico )  
 ) ss.  
County of San Juan )

Peggy Cole, being first duly sworn, upon oath states:

1. I am the operator, or authorized representative of the Operator, of the above-reference 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 Peggy Cole Title Reg. Administrator Date 1-17-00

SUBSCRIBED AND SWORN TO before me this 17 day of Jan, 2000. Mae Brundage

My Commission expires: 6/11/03 Notary Public

**FOR OIL CONSERVATION DIVISION USE ONLY:**

**VI. CERTIFICATION OF APPROVAL:**

This Application is hereby approved and the above-reference well is designated a Well Workover Project and the Division hereby verifies the data shows 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 on 7/26/99

<b>Signature District Supervisor</b> <u>JSJ</u>	<b>OCD District</b> <u>3</u>	<b>Date</b> <u>2/24/00</u>
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**VII. OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT** \_\_\_\_\_

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

RECEIVED  
BLM

Sundry Notices and Reports on Wells

99 AUG 12 PM 1:43

070 FARMINGTON, NM

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1460' FNL, 1570' FEL, Sec. 26, T-28-N, R-8-W, NMPM

5. Lease Number  
SF-078566A

6. If Indian All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Howell #6

9. API Well No.  
30-045-20334

10. Field and Pool  
So. Blanco Pict. Cliffs

11. County and State  
San Juan Co, NM

**12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

**Type of Submission**

**Type of Action**

<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other - Restimulate	

**13. Describe Proposed or Completed Operations**

7-1-99 MIRU. TIH w/2 3/8" gauge ring to 2416'. TOOH. TIH w/test tool, set @ 2304'. TOOH. Pump 5 bbl 2% KCl wtr. PT 2 7/8" csg to 3700 psi, OK. Retrieve test tool. RD.

7-9-99 MIRU. Pump 200 gal 15% HCl down 2 7/8" csg. Frac existing Pictured Cliffs perfs w/436 bbl 30# linear gel, 526,800 SCF N2, 175,000# 20/40 Arizona sd. Csg failed after frac. CO after frac.

7-10/14-99 Blow well & CO. RD.

7-20-99 MIRU. ND WH. NU BOP. SDON.

7-21-99 (Verbal approval to repair casing from Wayne Townsend, BLM). Establish circ. CO to PBTD @ 2464'. TOOH. TIH w/RBP, set @ 2303'. Dump 5 gal sd on RBP. TOOH. TIH w/free point. Csg free @ 325'. TIH w/pkr, set @ 360'. PT csg & RBP to 1500 psi, OK. Isolate csg leak @ 423-455'. TOOH w/pkr. SDON.

7-22-99 (Advised Wayne Townsend, BLM of progress). TIH, ran CBL-CCL-GR @ 250-2280', TOC @ 1520'. SDON.

7-23-99 (Verbal approval to change plans from Wayne Townsend, BLM). Attempt to manually back off csg. TIH w/string shot. Shot csg. TOOH w/2 7/8" csg. TIH w/2 jts 2 7/8" 6.4# J-55 csg to top of csg. Screw csg together. Establish circ. Circ hole clean. TIH w/free point. Csg free to 502'. Back off csg @ 496'. TOOH w/16 jts 2 7/8" csg. Blow well & CO. SDON.

Continued on back

14. I hereby certify that the foregoing is true and correct.

Signed Nancy D. Thomas - by Title Regulatory Administrator Date 8/12/99

**ACCEPTED FOR RECORD**

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_

Date AUG 20 1999

CONDITION OF APPROVAL, if any:

**FARMINGTON FIELD OFFICE**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**OPERATOR**

7-24-99 Blow well & CO. TIH w/15 jts 2 7/8" 6.4# J-55 csg. Screw into csg. PT csg to 1700 psi/15 min, OK. SD for Sunday.

7-26-99 Pump 30 bbl wtr down annulus. Cut off 2 7/8" csg @ surface. Weld slip on collar. PT weld to 1500 psi, OK. NU BOP. TIH, tag & wash out bridges @ 550', 612', 2220' & 2290'. TOOH. TIH w/retrieving tool. Blow well & CO to top of RBP @ 2303'. Release RBP. TOOH. TIH, blow well & CO to PBTD @ 2464'. TOOH. ND BOP. NU WH. RD. Rig released.

COMP NAME	TOW ID	USER XREF	DISP MO	GRS GAS
HOWELL 6	5177101	51771A	11/30/98	1097.03
HOWELL 6	5177101	51771A	12/31/98	1104.05
HOWELL 6	5177101	51771A	1/31/99	1110.91
HOWELL 6	5177101	51771A	2/28/99	1007.68
HOWELL 6	5177101	51771A	3/31/99	1111.89
HOWELL 6	5177101	51771A	4/30/99	1061.8
HOWELL 6	5177101	51771A	5/31/99	1152.149
HOWELL 6	5177101	51771A	6/30/99	1232.38
HOWELL 6	5177101	51771A	7/31/99	315.68
HOWELL 6	5177101	51771A	8/31/99	4909.67
HOWELL 6	5177101	51771A	9/30/99	3586.44
HOWELL 6	5177101	51771A	10/31/99	3162.93
HOWELL 6	5177101	51771A	11/30/99	2849.21

MA	DP NO	PRODN	DISP	Volume
10	51771A	199712	00	910.754
10	51771A	199801	00	457.828
10	51771A	199802	00	817.620
10	51771A	199803	00	998.006
10	51771A	199804	00	940.165
10	51771A	199805	00	918.597
10	51771A	199806	00	901.931
10	51771A	199807	00	955.851
10	51771A	199808	00	1007.81
10	51771A	199809	00	1049.97
10	51771A	199810	00	1177.41