

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
Originated 11/1/95

Submit Original
Plus 2 Copies
to appropriate
District Office

RECEIVED
JUN 12 1998
OIL CON. DIV.

**APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL**

THREE COPIES OF THIS APPLICATION AND ALL ATTACHMENTS MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

I. Operator: Burlington Resources OGRID#: 14538
Address: P. O. Box 4289 Farmington, NM 87499
Contact Party: Peggy Bradfield Phone: (505) 326-9700

II. Name of Well: BALLARD 4 API #: 300450582200
Location of Well:
Unit Letter: M 990'S 990'W Section: 14
Township: 026N Range: 009W NMPM, SAN JUAN County.

III. Date the Production Restoration Project was commenced: 11/97
Date the Well was returned to production: 1/98

IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.
RESTIMULATION

V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.

VI. Pool(s) on which Production Projection is based:
BALLARD PICTURED CLIFFS

VII. **AFFIDAVIT:**
State of New Mexico)
County of San Juan) ss.

Peggy Bradfield, 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 personal knowledge of the facts contained in this Application for Qualification of a Production Restoration Project.
3. The data utilized to prepare this application is complete and correct.

Peggy Bradfield
(Name)

Regulatory/Compliance Administrator
(Title)

SUBSCRIBED AND SWORN TO before me this 9th day of June, 19 98.

Mae Benally
Notary Public

My Commission expires: June 9, 1999

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This application for Qualification of a Production Restoration Project is hereby approved and the above referenced Well is designated as a Production Restoration Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that production was restored in this Production Restoration Project on:

4/13, 19 98.

District Supervisor, District 3
Oil Conservation Division

Date: 6/12/98

JSZ

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.
DATE: _____

Page No.: 7
Print Time: Fri May 08 11:41:12 1998
Property ID: 104
Property Name: BALLARD | 4 | 48986A-1
Table Name: Q:\ARIES\FD97PCRS\PRODUCT.DB

--DATE--	----OIL----	----GAS----	---WATER---
.....	Bbl.....	Mcf.....	Bbls.....
10/31/96			
11/30/96		466	
12/31/96		596	
01/31/97		487	
02/28/97		463	
03/31/97		423	
04/30/97		60	
05/31/97		173	
06/30/97		45	
07/31/97		0	
08/31/97		94	
09/30/97		148	
10/31/97		241	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

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

990' FSL, 990' FWL, Sec. 14, T-26-N, R-9-W, NMPM

TX-276

5. Lease Number
NM-03154

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Ballard #4

9. API Well No.
30-045-05822

10. Field and Pool
Ballard 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

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment

Type of Action

☐ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing Repair ☐ Water Shut off
☐ Altering Casing ☐ Conversion to Injection
☒ Other - Restimulate

13. Describe Proposed or Completed Operations

11-24-97 MIRU. ND WH. NU BOP. TOOH w/97 jts 1" tbgs. SDON.
11-25-97 TIH to 2027'. Drill to new TD @ 2160'. Circ hole clean. TOOH. TIH w/5 1/2" RBP, set @ 1975'. Load well w/47 bbl wtr. PT csg to 600 psi/15 min, OK. TOOH. TIH, ran CBL @ 10-1960' w/500 psi, TOC on 5 1/2" csg @ 674'. SDON.
11-26-97 TIH w/retrieving tool to RBP @ 1975'. Blow well & CO. Latch RBP, TOOH. TIH w/6 jts 3 1/2" 9.2# J-55 csg, 51 jts 3 1/2" 7.7# WC-70 csg, set @ 2146'. Cmtd w/90 sx C-lite cmt w/5 pps Gilsonite, 2% Econolite (185 cu.ft.) Tailed w/30 sx Class "G" neat cmt (35 cu.ft.). Circ 8 bbl cmt to surface. ND BOP. NU WH. RD. Rig released.
12-10-97 MIRU. ND WH. NU BOP. TIH, ran CCL-GR @ 1500-2138'. TOOH. SDON.
12-11-97 PT 3 1/2" csg to 5000 psi, OK. Perf Pictured Cliffs w/1 SPF @ 2009, 2011, 2018, 2023, 2027, 2038, 2041, 2045, 2050, 2055, 2057, 2060, 2063, 2067, 2069, 2083, 2087' w/18 0.31" diameter holes total. Acidize w/500 gal 15% Hcl. SD.
12-15-97 Frac Pictured Cliffs w/363 bbl 20# linear gel, 165,000# 20/40 Brady sd, 327,000 SCF N2. CO after frac.

Continued on back

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

Signed [Signature] Title Regulatory Administrator Date 1/14/98

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

ACCEPTED

Date

JAN 23 1998

OPERATOR

FARMINGTON DISTRICT OFFICE

nv

SMH

12-19/31-97 Blow well & CO. SDON.

1-1/12-98 Blow well & CO. SDON.

1-13-98 Blow well & CO. TOOH. ND BOP. NU WH. RD. Rig released.

NOVA 1200

Expected Production Before Workover

BALLARD : 4 : 48986A-1

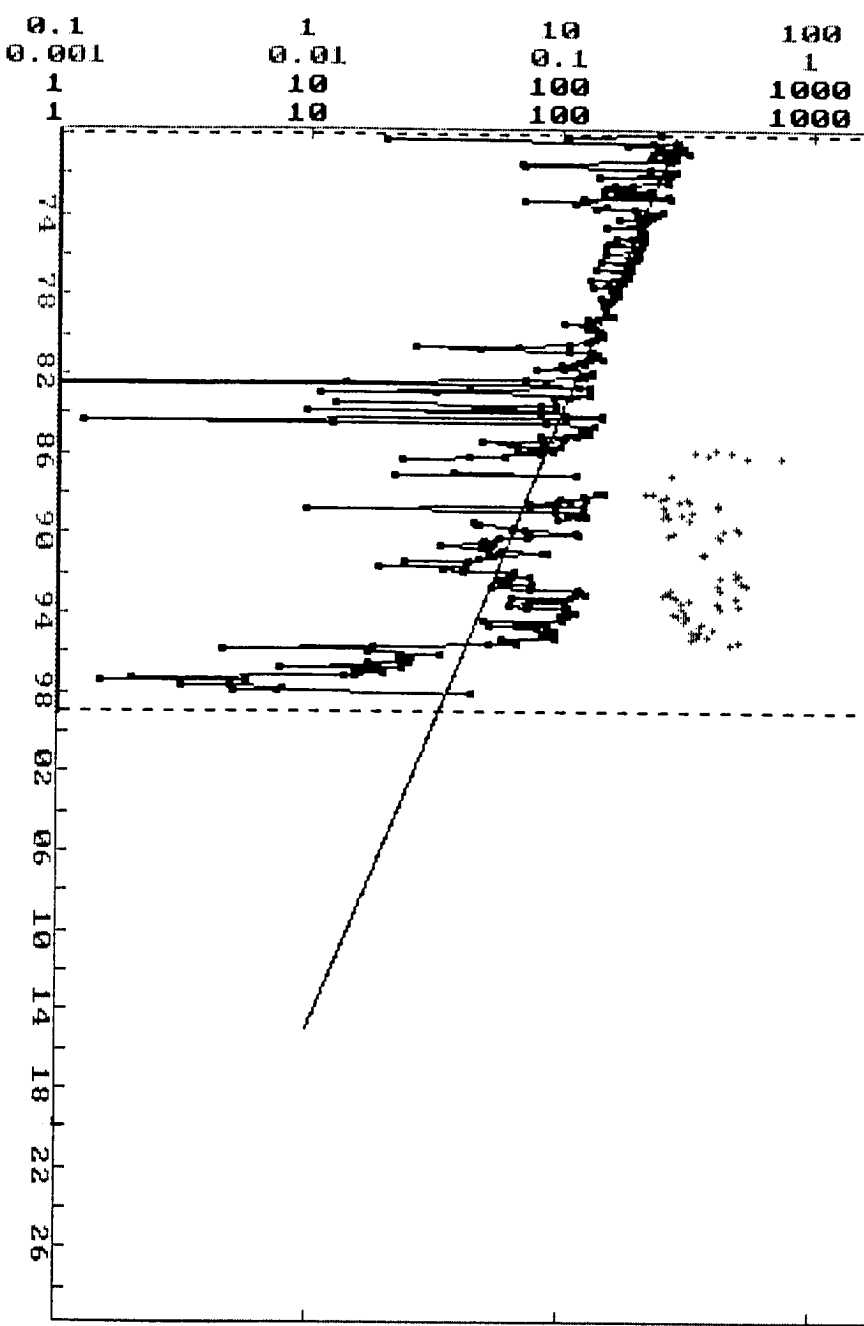
Prop 104 *

• OIL
• WATER/GAS
• GAS
• WATER

○ * WATER Bbls/d
● * GAS Mcf/d
○ * WATER/GAS
○ * OIL Bbl/d

RateTime
Semi Log

— DAILY RATE
— TBG PRESSURE



Expected Production

Ballard # 4 PC

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/98		1,080		1/1/18		253
2/1/98		1,073		2/1/18		252
3/1/98		1,067		3/1/18		250
4/1/98		1,060		4/1/18		249
5/1/98		1,054		5/1/18		247
6/1/98		1,048		6/1/18		246
7/1/98		1,041		7/1/18		244
8/1/98		1,035		8/1/18		243
9/1/98		1,029		9/1/18		241
10/1/98		1,023		10/1/18		240
11/1/98		1,016		11/1/18		238
12/1/98		1,010		12/1/18		237
1/1/99		1,004		1/1/19		235
2/1/99		998		2/1/19		234
3/1/99		992		3/1/19		233
4/1/99		986		4/1/19		231
5/1/99		980		5/1/19		230
6/1/99		974		6/1/19		228
7/1/99		968		7/1/19		227
8/1/99		963		8/1/19		226
9/1/99		957		9/1/19		224
10/1/99		951		10/1/19		223
11/1/99		945		11/1/19		222
12/1/99		940		12/1/19		220
1/1/00		934		1/1/20		219
2/1/00		928		2/1/20		218
3/1/00		923		3/1/20		216
4/1/00		917		4/1/20		215
5/1/00		912		5/1/20		214
6/1/00		906		6/1/20		212
7/1/00		901		7/1/20		211
8/1/00		895		8/1/20		210
9/1/00		890		9/1/20		209
10/1/00		885		10/1/20		207
11/1/00		879		11/1/20		206
12/1/00		874		12/1/20		205
1/1/01		869		1/1/21		204
2/1/01		863		2/1/21		202
3/1/01		858		3/1/21		201
4/1/01		853		4/1/21		200
5/1/01		848		5/1/21		199
6/1/01		843		6/1/21		198
7/1/01		838		7/1/21		196
8/1/01		833		8/1/21		195
9/1/01		828		9/1/21		194
10/1/01		823		10/1/21		193
11/1/01		818		11/1/21		192
12/1/01		813		12/1/21		190

Expected Production

Ballard # 4 PC

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/02		808		1/1/22		189
2/1/02		803		2/1/22		188
3/1/02		798		3/1/22		187
4/1/02		793		4/1/22		186
5/1/02		789		5/1/22		185
6/1/02		784		6/1/22		184
7/1/02		779		7/1/22		183
8/1/02		774		8/1/22		182
9/1/02		770		9/1/22		180
10/1/02		765		10/1/22		179
11/1/02		760		11/1/22		178
12/1/02		756		12/1/22		177
1/1/03		751		1/1/23		176
2/1/03		747		2/1/23		175
3/1/03		742		3/1/23		174
4/1/03		738		4/1/23		173
5/1/03		733		5/1/23		172
6/1/03		729		6/1/23		171
7/1/03		725		7/1/23		170
8/1/03		720		8/1/23		169
9/1/03		716		9/1/23		168
10/1/03		712		10/1/23		167
11/1/03		707		11/1/23		166
12/1/03		703		12/1/23		165
1/1/04		699		1/1/24		164
2/1/04		695		2/1/24		163
3/1/04		690		3/1/24		162
4/1/04		686		4/1/24		161
5/1/04		682		5/1/24		160
6/1/04		678		6/1/24		159
7/1/04		674		7/1/24		158
8/1/04		670		8/1/24		157
9/1/04		666		9/1/24		156
10/1/04		662		10/1/24		155
11/1/04		658		11/1/24		154
12/1/04		654		12/1/24		153
1/1/05		650		1/1/25		152
2/1/05		646		2/1/25		151
3/1/05		642		3/1/25		150
4/1/05		638		4/1/25		150
5/1/05		634		5/1/25		149
6/1/05		631		6/1/25		148
7/1/05		627		7/1/25		147
8/1/05		623		8/1/25		146
9/1/05		619		9/1/25		145
10/1/05		615		10/1/25		144
11/1/05		612		11/1/25		143
12/1/05		608		12/1/25		143

Expected Production

Ballard # 4 PC

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/06		604		1/1/26		142
2/1/06		601		2/1/26		141
3/1/06		597		3/1/26		140
4/1/06		594		4/1/26		139
5/1/06		590		5/1/26		138
6/1/06		586		6/1/26		137
7/1/06		583		7/1/26		137
8/1/06		579		8/1/26		136
9/1/06		576		9/1/26		135
10/1/06		572		10/1/26		134
11/1/06		569		11/1/26		133
12/1/06		566		12/1/26		133
1/1/07		562		1/1/27		132
2/1/07		559		2/1/27		131
3/1/07		555		3/1/27		130
4/1/07		552		4/1/27		129
5/1/07		549		5/1/27		129
6/1/07		545		6/1/27		128
7/1/07		542		7/1/27		127
8/1/07		539		8/1/27		126
9/1/07		536		9/1/27		126
10/1/07		532		10/1/27		125
11/1/07		529		11/1/27		124
12/1/07		526		12/1/27		123
1/1/08		523		1/1/28		123
2/1/08		520		2/1/28		122
3/1/08		516		3/1/28		121
4/1/08		513		4/1/28		120
5/1/08		510		5/1/28		120
6/1/08		507		6/1/28		119
7/1/08		504		7/1/28		118
8/1/08		501		8/1/28		117
9/1/08		498		9/1/28		117
10/1/08		495		10/1/28		116
11/1/08		492		11/1/28		115
12/1/08		489		12/1/28		115
1/1/09		486		1/1/29		114
2/1/09		483		2/1/29		113
3/1/09		480		3/1/29		113
4/1/09		477		4/1/29		112
5/1/09		475		5/1/29		111
6/1/09		472		6/1/29		111
7/1/09		469		7/1/29		110
8/1/09		466		8/1/29		109
9/1/09		463		9/1/29		109
10/1/09		460		10/1/29		108
11/1/09		458		11/1/29		107
12/1/09		455		12/1/29		107

Expected Production

Ballard # 4 PC

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/10		452		1/1/30		106
2/1/10		449		2/1/30		105
3/1/10		447		3/1/30		105
4/1/10		444		4/1/30		104
5/1/10		441		5/1/30		103
6/1/10		439		6/1/30		103
7/1/10		436		7/1/30		102
8/1/10		433		8/1/30		102
9/1/10		431		9/1/30		101
10/1/10		428		10/1/30		100
11/1/10		426		11/1/30		100
12/1/10		423		12/1/30		99
1/1/11		421		1/1/31		99
2/1/11		418		2/1/31		98
3/1/11		415		3/1/31		97
4/1/11		413		4/1/31		97
5/1/11		410		5/1/31		96
6/1/11		408		6/1/31		96
7/1/11		406		7/1/31		95
8/1/11		403		8/1/31		94
9/1/11		401		9/1/31		94
10/1/11		398		10/1/31		93
11/1/11		396		11/1/31		93
12/1/11		393		12/1/31		92
1/1/12		391		1/1/32		92
2/1/12		389		2/1/32		91
3/1/12		386		3/1/32		91
4/1/12		384		4/1/32		90
5/1/12		382		5/1/32		89
6/1/12		379		6/1/32		89
7/1/12		377		7/1/32		88
8/1/12		375		8/1/32		88
9/1/12		373		9/1/32		87
10/1/12		370		10/1/32		87
11/1/12		368		11/1/32		86
12/1/12		366		12/1/32		86
1/1/13		364		1/1/33		85
2/1/13		362		2/1/33		85
3/1/13		359		3/1/33		84
4/1/13		357		4/1/33		84
5/1/13		355		5/1/33		83
6/1/13		353		6/1/33		83
7/1/13		351		7/1/33		82
8/1/13		349		8/1/33		82
9/1/13		347		9/1/33		81
10/1/13		344		10/1/33		81
11/1/13		342		11/1/33		80
12/1/13		340		12/1/33		80

Expected Production

Ballard # 4 PC

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/14		338		1/1/34		79
2/1/14		336		2/1/34		79
3/1/14		334		3/1/34		78
4/1/14		332		4/1/34		78
5/1/14		330		5/1/34		77
6/1/14		328		6/1/34		77
7/1/14		326		7/1/34		76
8/1/14		324		8/1/34		76
9/1/14		322		9/1/34		76
10/1/14		320		10/1/34		75
11/1/14		318		11/1/34		75
12/1/14		317		12/1/34		74
1/1/15		315		1/1/35		74
2/1/15		313		2/1/35		73
3/1/15		311		3/1/35		73
4/1/15		309		4/1/35		72
5/1/15		307		5/1/35		72
6/1/15		305		6/1/35		72
7/1/15		303		7/1/35		71
8/1/15		302		8/1/35		71
9/1/15		300		9/1/35		70
10/1/15		298		10/1/35		70
11/1/15		296		11/1/35		69
12/1/15		294		12/1/35		69
1/1/16		293		1/1/36		69
2/1/16		291		2/1/36		68
3/1/16		289		3/1/36		68
4/1/16		287		4/1/36		67
5/1/16		286		5/1/36		67
6/1/16		284		6/1/36		67
7/1/16		282		7/1/36		66
8/1/16		280		8/1/36		66
9/1/16		279		9/1/36		65
10/1/16		277		10/1/36		65
11/1/16		275		11/1/36		65
12/1/16		274		12/1/36		64
1/1/17		272		1/1/37		64
2/1/17		270		2/1/37		63
3/1/17		269		3/1/37		63
4/1/17		267		4/1/37		63
5/1/17		266		5/1/37		62
6/1/17		264		6/1/37		62
7/1/17		262		7/1/37		62
8/1/17		261		8/1/37		61
9/1/17		259		9/1/37		61
10/1/17		258		10/1/37		60
11/1/17		256		11/1/37		60
12/1/17		255		12/1/37		60