

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.
DIST. 2

**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 9 API #: 300450582400

Location of Well:

Unit Letter: O 990'S 1800'E Section: 15

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 production 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)
)ss.
County of San Juan)

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 Benallyson
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:

1/11, 19 98.

358
District Supervisor, District 3
Oil Conservation Division

Date: 6/12/98

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

JUN 16 PM 1:47

1. Type of Well
GAS

5. Lease Number
NM-03154

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

2. Name of Operator

BURLINGTON
RESOURCES

OIL & GAS COMPANY

8. Well Name & Number
Ballard #9

9. API Well No.
30-045-05824

10. Field and Pool
Ballard Pict.Cliffs

11. County and State
San Juan Co, NM

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, 1800' FEL, Sec.15, T-26-N, R-9-W, NMMP

TX-273

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

Type of Submission

Type of Action

☐ Notice of Intent

☐ Abandonment

☐ Change of Plans

☒ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ Other - Restimulate

13. Describe Proposed or Completed Operations

11-20-97 MIRU. ND WH. NU BOP. TOOH w/95 jts 1" tbg. TIH w/bit to 2012'. Establish circ. Drill @ 2012-2116'. Circ hole clean. SDON.

11-21-97 Drill from 2116 to new TD @ 2135'. Circ hole clean. TOOH. TIH w/6 jts 3 1/2" 9.2# J-55 csg, 50 jts 3 1/2" 7.7# WC-70 csg, set @ 2104'. Cmdt w/95 sx C-lite cmt & 30 sx Class "G" neat cmt w/2% Econolite, 5 pps Gilsonite, 2% Kcl (258 cu.ft.). Circ 6 bbl cmt to surface. WOC. ND BOP. NU WH. RD. Rig released.

12-3-97 MIRU. ND WH. NU BOP. PT 3 1/2" csg to 5000 psi, OK. Perf Pictured Cliffs w/1 SPF @ 1971, 1975, 1983, 1987, 1993, 1997, 2003, 2007, 2009, 2025, 2028, 2031, 2035, 2041, 2048, 2051, 2057, 2062' w/18 0.31" diameter holes total. Acidize w/500 gal 15% Hcl. SDON.

12-4-97 Frac Pictured Cliffs w/485 bbl 25# linear gel, 180,000# 20/40 Brady sd, 584,000 SCF N2. CO after frac.

12-5/6-97 Blow well & CO. SD.

12-18/31-97 Blow well & CO. SDON.

1-1/10-98 Blow well & CO. SDON.

1-11-98 TOOH. TIH, ran after frac log @ 1700-2083'. TOOH. ND BOP. NU WH. RD. Rig released.

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 _____

Date JAN 2 1998

FARMINGTON DISTRICT OFFICE

OPERATION

BY

Page No.: 7
Print Time: Fri May 08 13:23:16 1998
Property ID: 91
Property Name: BALLARD | 9 | 48987A-1
Table Name: Q:\ARIES\FD97PCRS\PRODUCT.DE

--DATE--	----OIL----	----GAS----	---WATER---
.....	Bbl.....	Mcf.....	Bbls.....

11/30/96	1365
12/31/96	1451
01/31/97	1293
02/28/97	1335
03/31/97	1126
04/30/97	391
05/31/97	732
06/30/97	281
07/31/97	25
08/31/97	376
09/30/97	702
10/31/97	1007

Expected Production Before Workover

BALLARD : 9 : 48987A-1

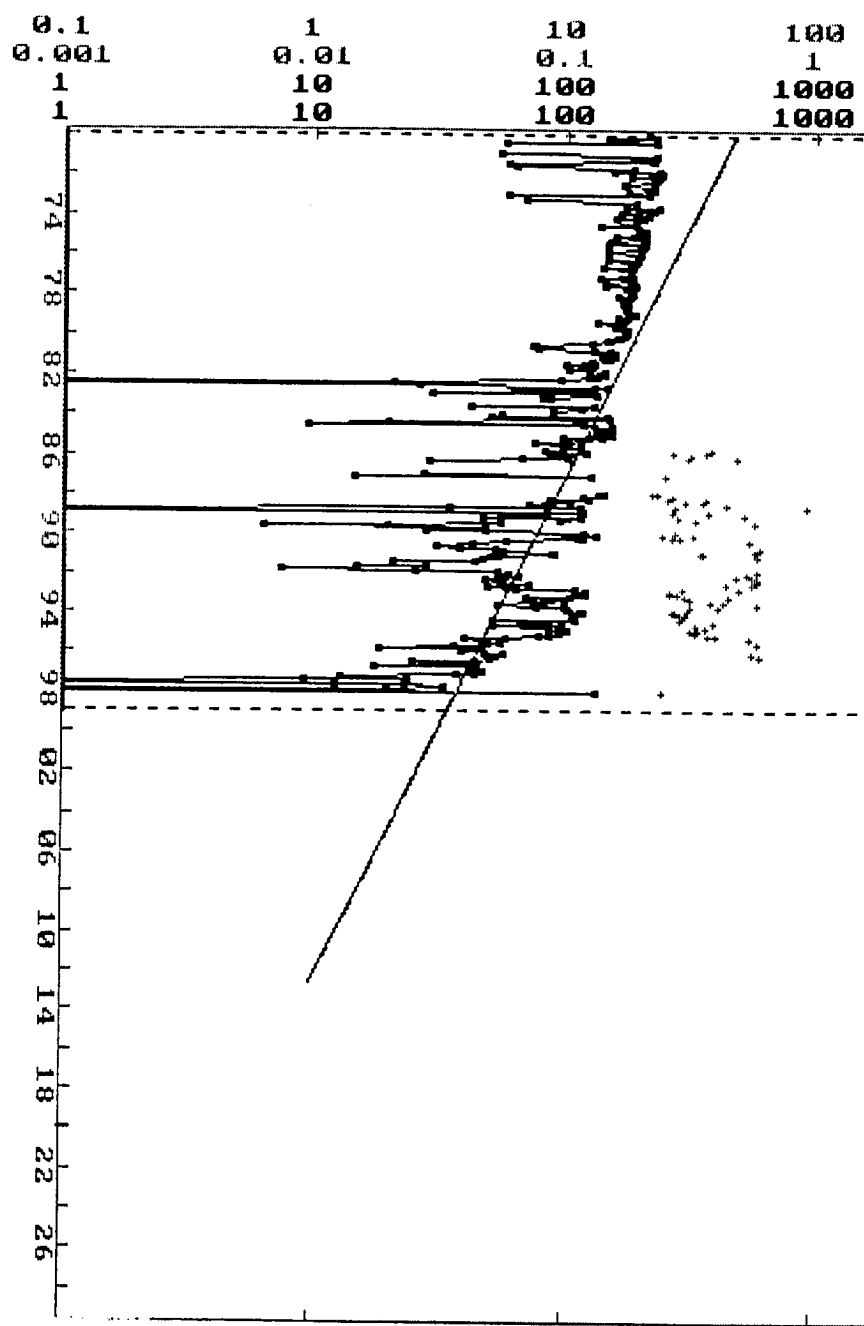
Prop 91 *

* 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 # 9 PC

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/98		1,144		1/1/18		199
2/1/98		1,135		2/1/18		198
3/1/98		1,127		3/1/18		196
4/1/98		1,119		4/1/18		195
5/1/98		1,111		5/1/18		193
6/1/98		1,103		6/1/18		192
7/1/98		1,095		7/1/18		191
8/1/98		1,087		8/1/18		189
9/1/98		1,079		9/1/18		188
10/1/98		1,071		10/1/18		187
11/1/98		1,063		11/1/18		185
12/1/98		1,056		12/1/18		184
1/1/99		1,048		1/1/19		182
2/1/99		1,040		2/1/19		181
3/1/99		1,033		3/1/19		180
4/1/99		1,025		4/1/19		179
5/1/99		1,018		5/1/19		177
6/1/99		1,010		6/1/19		176
7/1/99		1,003		7/1/19		175
8/1/99		996		8/1/19		173
9/1/99		989		9/1/19		172
10/1/99		981		10/1/19		171
11/1/99		974		11/1/19		170
12/1/99		967		12/1/19		168
1/1/00		960		1/1/20		167
2/1/00		953		2/1/20		166
3/1/00		946		3/1/20		165
4/1/00		940		4/1/20		164
5/1/00		933		5/1/20		162
6/1/00		926		6/1/20		161
7/1/00		919		7/1/20		160
8/1/00		913		8/1/20		159
9/1/00		906		9/1/20		158
10/1/00		899		10/1/20		157
11/1/00		893		11/1/20		155
12/1/00		886		12/1/20		154
1/1/01		880		1/1/21		153
2/1/01		874		2/1/21		152
3/1/01		867		3/1/21		151
4/1/01		861		4/1/21		150
5/1/01		855		5/1/21		149
6/1/01		848		6/1/21		148
7/1/01		842		7/1/21		147
8/1/01		836		8/1/21		146
9/1/01		830		9/1/21		145
10/1/01		824		10/1/21		143
11/1/01		818		11/1/21		142
12/1/01		812		12/1/21		141

Expected Production

Ballard # 9 PC

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/02		806		1/1/22		140
2/1/02		800		2/1/22		139
3/1/02		795		3/1/22		138
4/1/02		789		4/1/22		137
5/1/02		783		5/1/22		136
6/1/02		777		6/1/22		135
7/1/02		772		7/1/22		134
8/1/02		766		8/1/22		133
9/1/02		761		9/1/22		132
10/1/02		755		10/1/22		131
11/1/02		750		11/1/22		131
12/1/02		744		12/1/22		130
1/1/03		739		1/1/23		129
2/1/03		733		2/1/23		128
3/1/03		728		3/1/23		127
4/1/03		723		4/1/23		126
5/1/03		718		5/1/23		125
6/1/03		712		6/1/23		124
7/1/03		707		7/1/23		123
8/1/03		702		8/1/23		122
9/1/03		697		9/1/23		121
10/1/03		692		10/1/23		120
11/1/03		687		11/1/23		120
12/1/03		682		12/1/23		119
1/1/04		677		1/1/24		118
2/1/04		672		2/1/24		117
3/1/04		667		3/1/24		116
4/1/04		662		4/1/24		115
5/1/04		658		5/1/24		114
6/1/04		653		6/1/24		114
7/1/04		648		7/1/24		113
8/1/04		643		8/1/24		112
9/1/04		639		9/1/24		111
10/1/04		634		10/1/24		110
11/1/04		629		11/1/24		110
12/1/04		625		12/1/24		109
1/1/05		620		1/1/25		108
2/1/05		616		2/1/25		107
3/1/05		611		3/1/25		106
4/1/05		607		4/1/25		106
5/1/05		603		5/1/25		105
6/1/05		598		6/1/25		104
7/1/05		594		7/1/25		103
8/1/05		589		8/1/25		103
9/1/05		585		9/1/25		102
10/1/05		581		10/1/25		101
11/1/05		577		11/1/25		100
12/1/05		573		12/1/25		100

Expected Production

Ballard # 9 PC

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/06		568		1/1/26		99
2/1/06		564		2/1/26		98
3/1/06		560		3/1/26		98
4/1/06		556		4/1/26		97
5/1/06		552		5/1/26		96
6/1/06		548		6/1/26		95
7/1/06		544		7/1/26		95
8/1/06		540		8/1/26		94
9/1/06		536		9/1/26		93
10/1/06		532		10/1/26		93
11/1/06		528		11/1/26		92
12/1/06		525		12/1/26		91
1/1/07		521		1/1/27		91
2/1/07		517		2/1/27		90
3/1/07		513		3/1/27		89
4/1/07		510		4/1/27		89
5/1/07		506		5/1/27		88
6/1/07		502		6/1/27		87
7/1/07		499		7/1/27		87
8/1/07		495		8/1/27		86
9/1/07		491		9/1/27		86
10/1/07		488		10/1/27		85
11/1/07		484		11/1/27		84
12/1/07		481		12/1/27		84
1/1/08		477		1/1/28		83
2/1/08		474		2/1/28		82
3/1/08		470		3/1/28		82
4/1/08		467		4/1/28		81
5/1/08		464		5/1/28		81
6/1/08		460		6/1/28		80
7/1/08		457		7/1/28		80
8/1/08		454		8/1/28		79
9/1/08		450		9/1/28		78
10/1/08		447		10/1/28		78
11/1/08		444		11/1/28		77
12/1/08		441		12/1/28		77
1/1/09		437		1/1/29		76
2/1/09		434		2/1/29		76
3/1/09		431		3/1/29		75
4/1/09		428		4/1/29		75
5/1/09		425		5/1/29		74
6/1/09		422		6/1/29		73
7/1/09		419		7/1/29		73
8/1/09		416		8/1/29		72
9/1/09		413		9/1/29		72
10/1/09		410		10/1/29		71
11/1/09		407		11/1/29		71
12/1/09		404		12/1/29		70

Expected Production

Ballard # 9 PC

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/10		401		1/1/30		70
2/1/10		398		2/1/30		69
3/1/10		395		3/1/30		69
4/1/10		392		4/1/30		68
5/1/10		389		5/1/30		68
6/1/10		386		6/1/30		67
7/1/10		384		7/1/30		67
8/1/10		381		8/1/30		66
9/1/10		378		9/1/30		66
10/1/10		375		10/1/30		65
11/1/10		373		11/1/30		65
12/1/10		370		12/1/30		64
1/1/11		367		1/1/31		64
2/1/11		365		2/1/31		63
3/1/11		362		3/1/31		63
4/1/11		359		4/1/31		63
5/1/11		357		5/1/31		62
6/1/11		354		6/1/31		62
7/1/11		351		7/1/31		61
8/1/11		349		8/1/31		61
9/1/11		346		9/1/31		60
10/1/11		344		10/1/31		60
11/1/11		341		11/1/31		59
12/1/11		339		12/1/31		59
1/1/12		336		1/1/32		59
2/1/12		334		2/1/32		58
3/1/12		332		3/1/32		58
4/1/12		329		4/1/32		57
5/1/12		327		5/1/32		57
6/1/12		324		6/1/32		56
7/1/12		322		7/1/32		56
8/1/12		320		8/1/32		56
9/1/12		317		9/1/32		55
10/1/12		315		10/1/32		55
11/1/12		313		11/1/32		54
12/1/12		311		12/1/32		54
1/1/13		308		1/1/33		54
2/1/13		306		2/1/33		53
3/1/13		304		3/1/33		53
4/1/13		302		4/1/33		53
5/1/13		299		5/1/33		52
6/1/13		297		6/1/33		52
7/1/13		295		7/1/33		51
8/1/13		293		8/1/33		51
9/1/13		291		9/1/33		51
10/1/13		289		10/1/33		50
11/1/13		287		11/1/33		50
12/1/13		285		12/1/33		50

Expected Production

Ballard # 9 PC

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/14		282		1/1/34		49
2/1/14		280		2/1/34		49
3/1/14		278		3/1/34		48
4/1/14		276		4/1/34		48
5/1/14		274		5/1/34		48
6/1/14		272		6/1/34		47
7/1/14		270		7/1/34		47
8/1/14		268		8/1/34		47
9/1/14		267		9/1/34		46
10/1/14		265		10/1/34		46
11/1/14		263		11/1/34		46
12/1/14		261		12/1/34		45
1/1/15		259		1/1/35		45
2/1/15		257		2/1/35		45
3/1/15		255		3/1/35		44
4/1/15		253		4/1/35		44
5/1/15		251		5/1/35		44
6/1/15		250		6/1/35		43
7/1/15		248		7/1/35		43
8/1/15		246		8/1/35		43
9/1/15		244		9/1/35		43
10/1/15		242		10/1/35		42
11/1/15		241		11/1/35		42
12/1/15		239		12/1/35		42
1/1/16		237		1/1/36		41
2/1/16		235		2/1/36		41
3/1/16		234		3/1/36		41
4/1/16		232		4/1/36		40
5/1/16		230		5/1/36		40
6/1/16		229		6/1/36		40
7/1/16		227		7/1/36		40
8/1/16		225		8/1/36		39
9/1/16		224		9/1/36		39
10/1/16		222		10/1/36		39
11/1/16		221		11/1/36		38
12/1/16		219		12/1/36		38
1/1/17		217		1/1/37		38
2/1/17		216		2/1/37		38
3/1/17		214		3/1/37		37
4/1/17		213		4/1/37		37
5/1/17		211		5/1/37		37
6/1/17		210		6/1/37		36
7/1/17		208		7/1/37		36
8/1/17		207		8/1/37		36
9/1/17		205		9/1/37		36
10/1/17		204		10/1/37		35
11/1/17		202		11/1/37		35
12/1/17		201		12/1/37		35