

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
AUG 5 1998
OIL CON. DIV.
DIST. 3

**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:	<u>Burlington Resources</u>	OGRID#:	<u>14538</u>		
	Address:	<u>P. O. Box 4289 Farmington, NM 87499</u>				
	Contact Party:	<u>Peggy Bradfield</u>	Phone:	<u>(505) 326-9700</u>		
II.	Name of Well:	<u>HARRINGTON</u>	1	API #:	<u>300390679500</u>	
	Location of Well:					
	Unit Letter:	<u>M</u>	<u>990'S</u>	<u>800'W</u>	Section:	<u>31</u>
	Township:	<u>027N</u>	Range:	<u>007W</u>	NMPM,	<u>RIO ARRIBA</u> County.
III.	Date the Production Restoration Project was commenced:	<u>2/98</u>				
	Date the Well was returned to production:	<u>3/98</u>				
IV.	Attach a description of the Workover Procedures undertaken to increase the projection from the Well. <u>RESTIMULATION</u>					
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: <u>BLANCO P. C. SOUTH</u>					
VII.	AFFIDAVIT:					
	State of	<u>New Mexico</u>	)			
			)ss.			
	County of	<u>San Juan</u>	)			
	<u>Peggy Bradfield</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 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.					
	<u>Peggy Bradfield</u>					
	(Name)					
	<u>Regulatory/Compliance Administrator</u>					
	(Title)					

SUBSCRIBED AND SWORN TO before me this 31st day of July, 1998.
Mae Benally
Notary Public:

My Commission expires: June 1999

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This application for Qualification of a ^{WO}~~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:

3/30, 1998.

District Supervisor, District 3
Oil Conservation Division

Date: 10/9/98

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

Sundry Notices and Reports on Wells

1. Type of Well
GAS

98 APR -1 PM 1:31
070 FARMINGTON, NM.

5. Lease Number
SF-080511
If Indian, All. or
Tribe Name

2. Name of Operator

BURLINGTON
RESOURCES

OIL & GAS COMPANY

7. Unit Agreement Name

3. Address & Phone No. of Operator

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

8. Well Name & Number
Harrington #1

9. API Well No.
30-039-06795

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

990' FSL, 800' FWL, Sec. 31, T-27-N, R-7-W, NMPM

10. Field and Pool
So Blanco Pict. Cliffs
11. County and State
Rio Arriba Co, NM

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

2-27-98 MIRU. Dump 10 sx down 2 7/8" tbq. SDON.
2-28-98 PT 2 7/8" tbq to 5000 psi/15 min, OK. ND WH. NU BOP. TIH, Circ hole clean to 2148'. SDON.
3-1-98 Blow well & CO to 2192'. TOOH. ND BOP. NU WH. RD. Rig released.
3-4-98 MIRU. Frac existing Pictured Cliffs perms w/435 bbl 20# linear gel, 179,160# 20/40 Arizona sd, 410,400 SCF N2. CO after frac.
3-5/6-98 Blow well & CO.
3-7/15-98 SD.
3-16/29-98 Blow well & CO.
3-30-98 Blow well & CO. TOOH. ND BOP. NU WH. RD. Rig released.

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

Signed *Deann Shuckled* Title Regulatory Administrator Date 3/31/98

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

Date _____

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

APR 03 1998

OPERATOR

FARMINGTON DISTRICT OFFICE

Shuckled

Page No.: 7

Print Time: Thu Jul 09 11:13:52 1998

Property ID: 49

Property Name: HARRINGTON | 1 | 48209A

Table Name: Q:\ARIES\FD98PCRS\PRODUCT.DBF

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

01/31/97	2591
02/28/97	2354
03/31/97	2571
04/30/97	2353
05/31/97	2481
06/30/97	1594
07/31/97	1511
08/31/97	1996
09/30/97	2142
10/31/97	2353
11/30/97	2307
12/31/97	2323

Expected Production Before Workover

HARRINGTON : 1 : 48209A

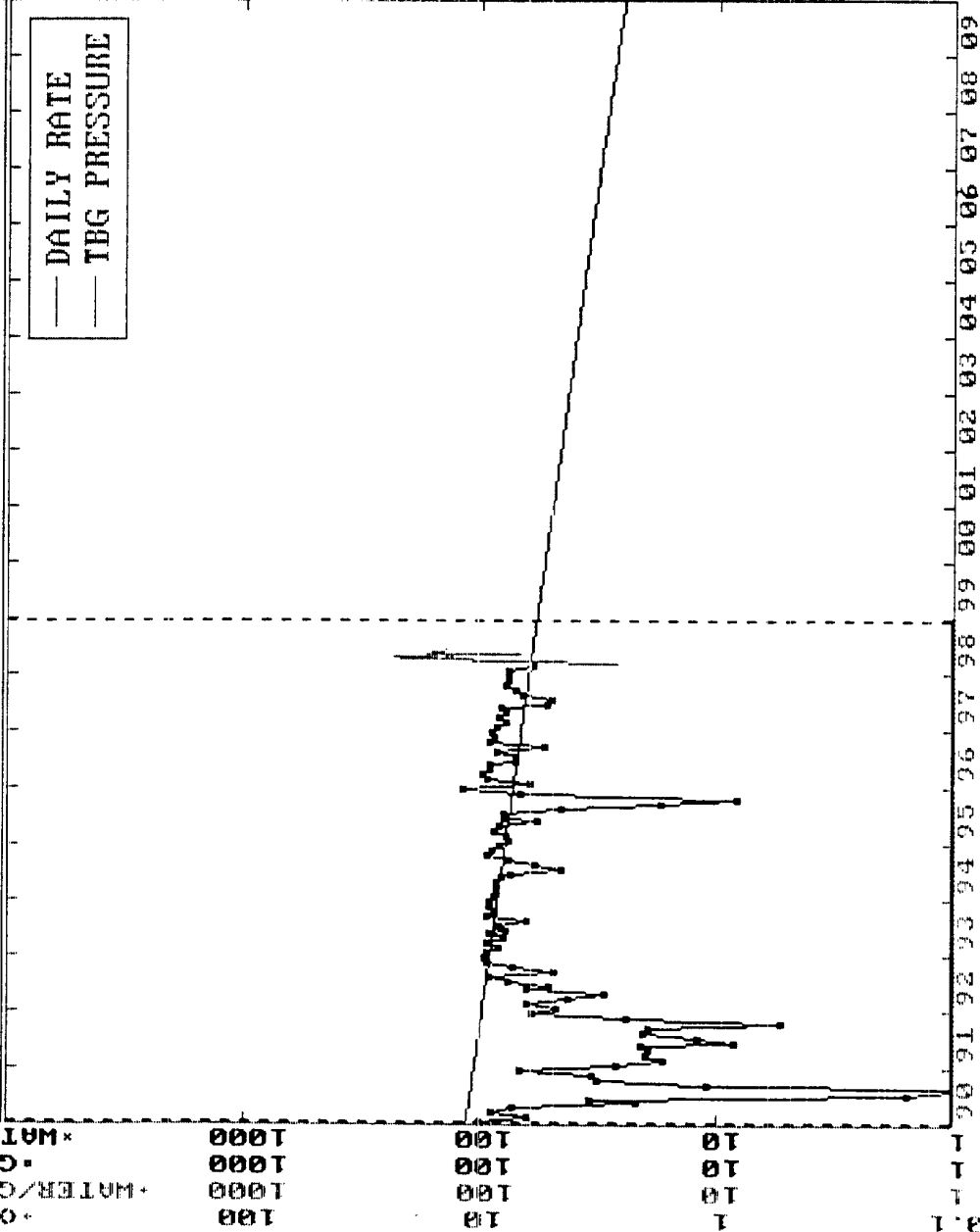
* OIL
+ WATER/GAS
* GAS

— DAILY RATE
— TBG PRESSURE

Prop 49 *

- ☐ * WATER Bbls/d
- ☒ * GAS Mcf/d
- ☐ * WATER/GAS
- ☐ * OIL Bbl/d

RateTime
Semi Log



Expected Production

Harrington # 1

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
3/1/98		1,880		3/1/18		429
4/1/98		1,868		4/1/18		427
5/1/98		1,857		5/1/18		424
6/1/98		1,845		6/1/18		421
7/1/98		1,834		7/1/18		419
8/1/98		1,823		8/1/18		416
9/1/98		1,812		9/1/18		414
10/1/98		1,801		10/1/18		411
11/1/98		1,789		11/1/18		409
12/1/98		1,778		12/1/18		406
1/1/99		1,768		1/1/19		404
2/1/99		1,757		2/1/19		401
3/1/99		1,746		3/1/19		399
4/1/99		1,735		4/1/19		396
5/1/99		1,725		5/1/19		394
6/1/99		1,714		6/1/19		391
7/1/99		1,703		7/1/19		389
8/1/99		1,693		8/1/19		387
9/1/99		1,683		9/1/19		384
10/1/99		1,672		10/1/19		382
11/1/99		1,662		11/1/19		379
12/1/99		1,652		12/1/19		377
1/1/00		1,642		1/1/20		375
2/1/00		1,632		2/1/20		372
3/1/00		1,622		3/1/20		370
4/1/00		1,612		4/1/20		368
5/1/00		1,602		5/1/20		366
6/1/00		1,592		6/1/20		363
7/1/00		1,582		7/1/20		361
8/1/00		1,572		8/1/20		359
9/1/00		1,563		9/1/20		357
10/1/00		1,553		10/1/20		355
11/1/00		1,544		11/1/20		352
12/1/00		1,534		12/1/20		350
1/1/01		1,525		1/1/21		348
2/1/01		1,515		2/1/21		346
3/1/01		1,506		3/1/21		344
4/1/01		1,497		4/1/21		342
5/1/01		1,488		5/1/21		340
6/1/01		1,479		6/1/21		338
7/1/01		1,470		7/1/21		335
8/1/01		1,461		8/1/21		333
9/1/01		1,452		9/1/21		331
10/1/01		1,443		10/1/21		329
11/1/01		1,434		11/1/21		327
12/1/01		1,425		12/1/21		325
1/1/02		1,416		1/1/22		323
2/1/02		1,408		2/1/22		321

Expected Production

Harrington # 1

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
3/1/02		1,399		3/1/22		319
4/1/02		1,390		4/1/22		317
5/1/02		1,382		5/1/22		315
6/1/02		1,373		6/1/22		314
7/1/02		1,365		7/1/22		312
8/1/02		1,357		8/1/22		310
9/1/02		1,348		9/1/22		308
10/1/02		1,340		10/1/22		306
11/1/02		1,332		11/1/22		304
12/1/02		1,324		12/1/22		302
1/1/03		1,315		1/1/23		300
2/1/03		1,307		2/1/23		298
3/1/03		1,299		3/1/23		297
4/1/03		1,291		4/1/23		295
5/1/03		1,283		5/1/23		293
6/1/03		1,276		6/1/23		291
7/1/03		1,268		7/1/23		289
8/1/03		1,260		8/1/23		288
9/1/03		1,252		9/1/23		286
10/1/03		1,245		10/1/23		284
11/1/03		1,237		11/1/23		282
12/1/03		1,229		12/1/23		281
1/1/04		1,222		1/1/24		279
2/1/04		1,214		2/1/24		277
3/1/04		1,207		3/1/24		276
4/1/04		1,199		4/1/24		274
5/1/04		1,192		5/1/24		272
6/1/04		1,185		6/1/24		270
7/1/04		1,177		7/1/24		269
8/1/04		1,170		8/1/24		267
9/1/04		1,163		9/1/24		266
10/1/04		1,156		10/1/24		264
11/1/04		1,149		11/1/24		262
12/1/04		1,142		12/1/24		261
1/1/05		1,135		1/1/25		259
2/1/05		1,128		2/1/25		257
3/1/05		1,121		3/1/25		256
4/1/05		1,114		4/1/25		254
5/1/05		1,107		5/1/25		253
6/1/05		1,100		6/1/25		251
7/1/05		1,094		7/1/25		250
8/1/05		1,087		8/1/25		248
9/1/05		1,080		9/1/25		247
10/1/05		1,074		10/1/25		245
11/1/05		1,067		11/1/25		244
12/1/05		1,061		12/1/25		242
1/1/06		1,054		1/1/26		241
2/1/06		1,048		2/1/26		239

Expected Production

Harrington # 1

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
3/1/06		1,041		3/1/26		238
4/1/06		1,035		4/1/26		236
5/1/06		1,028		5/1/26		235
6/1/06		1,022		6/1/26		233
7/1/06		1,016		7/1/26		232
8/1/06		1,010		8/1/26		230
9/1/06		1,003		9/1/26		229
10/1/06		997		10/1/26		228
11/1/06		991		11/1/26		226
12/1/06		985		12/1/26		225
1/1/07		979		1/1/27		223
2/1/07		973		2/1/27		222
3/1/07		967		3/1/27		221
4/1/07		961		4/1/27		219
5/1/07		955		5/1/27		218
6/1/07		949		6/1/27		217
7/1/07		943		7/1/27		215
8/1/07		938		8/1/27		214
9/1/07		932		9/1/27		213
10/1/07		926		10/1/27		211
11/1/07		921		11/1/27		210
12/1/07		915		12/1/27		209
1/1/08		909		1/1/28		208
2/1/08		904		2/1/28		206
3/1/08		898		3/1/28		205
4/1/08		893		4/1/28		204
5/1/08		887		5/1/28		203
6/1/08		882		6/1/28		201
7/1/08		876		7/1/28		200
8/1/08		871		8/1/28		199
9/1/08		866		9/1/28		198
10/1/08		860		10/1/28		196
11/1/08		855		11/1/28		195
12/1/08		850		12/1/28		194
1/1/09		845		1/1/29		193
2/1/09		839		2/1/29		192
3/1/09		834		3/1/29		190
4/1/09		829		4/1/29		189
5/1/09		824		5/1/29		188
6/1/09		819		6/1/29		187
7/1/09		814		7/1/29		186
8/1/09		809		8/1/29		185
9/1/09		804		9/1/29		184
10/1/09		799		10/1/29		182
11/1/09		794		11/1/29		181
12/1/09		789		12/1/29		180
1/1/10		784		1/1/30		179
2/1/10		780		2/1/30		178

Expected Production

Harrington # 1

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
3/1/10		775		3/1/30		177
4/1/10		770		4/1/30		176
5/1/10		765		5/1/30		175
6/1/10		761		6/1/30		174
7/1/10		756		7/1/30		173
8/1/10		751		8/1/30		172
9/1/10		747		9/1/30		170
10/1/10		742		10/1/30		169
11/1/10		738		11/1/30		168
12/1/10		733		12/1/30		167
1/1/11		729		1/1/31		166
2/1/11		724		2/1/31		165
3/1/11		720		3/1/31		164
4/1/11		715		4/1/31		163
5/1/11		711		5/1/31		162
6/1/11		706		6/1/31		161
7/1/11		702		7/1/31		160
8/1/11		698		8/1/31		159
9/1/11		694		9/1/31		158
10/1/11		689		10/1/31		157
11/1/11		685		11/1/31		156
12/1/11		681		12/1/31		155
1/1/12		677		1/1/32		154
2/1/12		673		2/1/32		154
3/1/12		668		3/1/32		153
4/1/12		664		4/1/32		152
5/1/12		660		5/1/32		151
6/1/12		656		6/1/32		150
7/1/12		652		7/1/32		149
8/1/12		648		8/1/32		148
9/1/12		644		9/1/32		147
10/1/12		640		10/1/32		146
11/1/12		636		11/1/32		145
12/1/12		632		12/1/32		144
1/1/13		629		1/1/33		143
2/1/13		625		2/1/33		143
3/1/13		621		3/1/33		142
4/1/13		617		4/1/33		141
5/1/13		613		5/1/33		140
6/1/13		609		6/1/33		139
7/1/13		606		7/1/33		138
8/1/13		602		8/1/33		137
9/1/13		598		9/1/33		137
10/1/13		595		10/1/33		136
11/1/13		591		11/1/33		135
12/1/13		587		12/1/33		134
1/1/14		584		1/1/34		133
2/1/14		580		2/1/34		132

Expected Production

Harrington # 1

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
3/1/14		577		3/1/34		132
4/1/14		573		4/1/34		131
5/1/14		570		5/1/34		130
6/1/14		566		6/1/34		129
7/1/14		563		7/1/34		128
8/1/14		559		8/1/34		128
9/1/14		556		9/1/34		127
10/1/14		552		10/1/34		126
11/1/14		549		11/1/34		125
12/1/14		546		12/1/34		125
1/1/15		542		1/1/35		124
2/1/15		539		2/1/35		123
3/1/15		536		3/1/35		122
4/1/15		532		4/1/35		122
5/1/15		529		5/1/35		121
6/1/15		526		6/1/35		120
7/1/15		523		7/1/35		119
8/1/15		519		8/1/35		119
9/1/15		516		9/1/35		118
10/1/15		513		10/1/35		117
11/1/15		510		11/1/35		116
12/1/15		507		12/1/35		116
1/1/16		504		1/1/36		115
2/1/16		501		2/1/36		114
3/1/16		497		3/1/36		114
4/1/16		494		4/1/36		113
5/1/16		491		5/1/36		112
6/1/16		488		6/1/36		111
7/1/16		485		7/1/36		111
8/1/16		482		8/1/36		110
9/1/16		479		9/1/36		109
10/1/16		476		10/1/36		109
11/1/16		474		11/1/36		108
12/1/16		471		12/1/36		107
1/1/17		468		1/1/37		107
2/1/17		465		2/1/37		106
3/1/17		462		3/1/37		105
4/1/17		459		4/1/37		105
5/1/17		456		5/1/37		104
6/1/17		454		6/1/37		104
7/1/17		451		7/1/37		103
8/1/17		448		8/1/37		102
9/1/17		445		9/1/37		102
10/1/17		443		10/1/37		101
11/1/17		440		11/1/37		100
12/1/17		437		12/1/37		100
1/1/18		434		1/1/38		99
2/1/18		432		2/1/38		99