

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
MAY 10 1999

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: Burlington Resources OGRID#: 14538
- Address: P. O. Box 4289 Farmington, NM 87499
- Contact Party: Peggy Bradfield Phone: (505) 326-9700
- II. Name of Well: RIDDLE B 4 API #: 300450939000
- Location of Well:
- Unit Letter: A 810' FNL, 1180' FEL Section: 23
- Township: 030N Range: 010W NMPM, SAN JUAN County.
- III. Date Workover Procedures Commenced: 11/98
- Date Workover Procedures were Completed: 12/98
- IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.
SLIMHOLE 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:
BLANCO 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 made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

(Name)

Regulatory/Compliance Administrator

(Title)

SUBSCRIBED AND SWORN TO before me this 7th day of May, 19 99.

Mae Benally
Notary Public

My Commission expires: 6/9/99

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This application for Qualification of a Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover 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 this Well Workover Project has been completed as of:

12/30, 19 98.

358
District Supervisor, District 3
Oil Conservation Division

Date: 7/19/99

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

submitted in lieu of Form 3. -5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells 93 JAN 13 PM 2:21

070 FARMINGTON, NM

1. Type of Well
GAS

Lease Number
SF-078200B
6. 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
Riddle B #4

9. API Well No.
30-045-09390

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

810' FNL, 1180' FEL, Sec. 23, T-30-N, R-10-W, NMPM

10. Field and Pool
Blanco Pict'd 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

☐ 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

11-16-98 RU. SDON.
11-17-98 TIH. CO @ 2990-3110'. Perfs @ 3028-3066'. PBTD @ 3140'. TOOH. RD.
12-3-98 RU. PT surf lines to 4500 psi. Frac PC w/589 bbl 30# linear gel,
185,000# 20/40 AZ snd, 739,000 SCF N2. Flow back well.
12-4/6-98 Flow back well & CO after frac.
12-7-98 Flow back well. Shut-in well.
12-29-98 Flow well. SDON.
12-30-98 Flow well. TIH, tag up @ 3091'. Perfs @ 3028-3066'. PBTD @ 3140'.
Well turned to production.

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

Signed [Signature] Title Regulatory Administrator Date 1/13/93
vkh

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date JAN 27 1993

CONDITION OF APPROVAL, if any:

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

OPERATOR

FARMINGTON DISTRICT OFFICE

Browsing: RIDDLE B | 4 | 50626A
Table(P): PRODUCT/M,P,H,E,T,Z,C
Item: 2/18/19 Name: DA

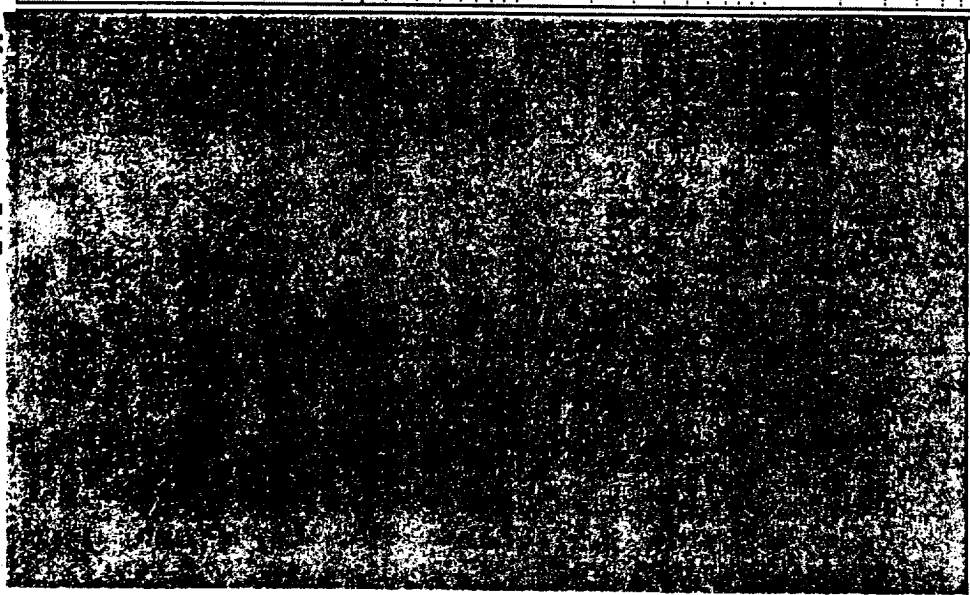
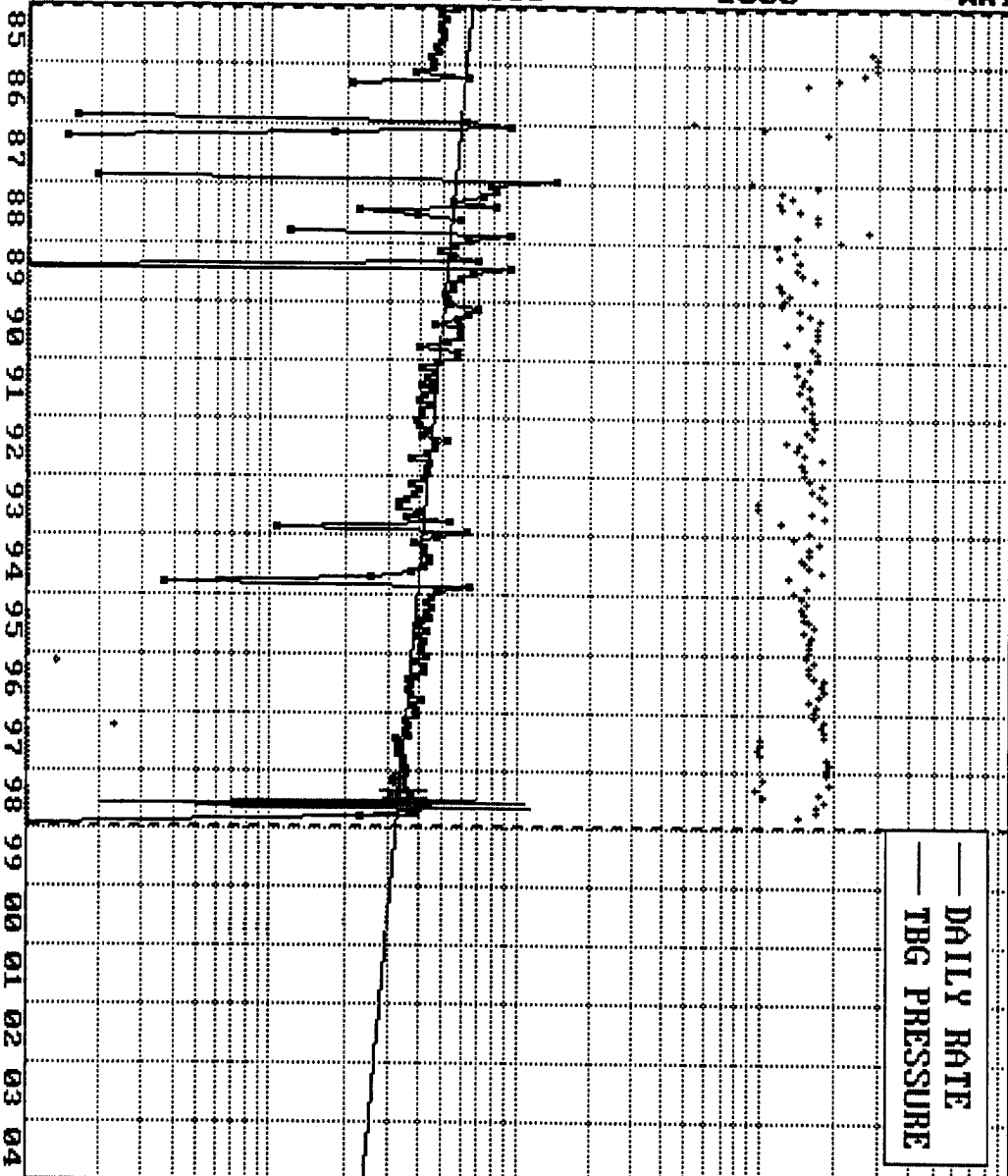
--DATE--	----OIL----	----GAS----
	Bbl	Mcf
10/31/97	0	1065
11/30/97	0	1054
12/31/97	0	1079
01/31/98	1	1075
02/28/98	1	976
03/31/98	1	1061
04/30/98	0	1038
05/31/98	0	1146
06/30/98	0	966
07/31/98	0	1089
08/31/98	0	1179
09/30/98	0	1176
10/31/98	0	701

0.1	1	10	100	• OIL
0.001	0.01	0.1	1	• WATER/GAS
1	10	100	1000	• GAS
1	10	100	1000	• WATER

Expected Production before workover
 RIDGLE B : 4 : 50626A-1

— DAILY RATE
 — TBG PRESSURE

Prop 128 *
 ○ WATER Bbls/d



Major = GAS

Expected Production

Riddle B # 4

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
12/1/98		998		12/1/18		383
1/1/99		994		1/1/19		381
2/1/99		990		2/1/19		380
3/1/99		986		3/1/19		378
4/1/99		982		4/1/19		377
5/1/99		978		5/1/19		375
6/1/99		974		6/1/19		374
7/1/99		970		7/1/19		372
8/1/99		966		8/1/19		371
9/1/99		962		9/1/19		369
10/1/99		959		10/1/19		368
11/1/99		955		11/1/19		366
12/1/99		951		12/1/19		365
1/1/00		947		1/1/20		363
2/1/00		943		2/1/20		362
3/1/00		940		3/1/20		360
4/1/00		936		4/1/20		359
5/1/00		932		5/1/20		357
6/1/00		928		6/1/20		356
7/1/00		925		7/1/20		355
8/1/00		921		8/1/20		353
9/1/00		917		9/1/20		352
10/1/00		914		10/1/20		350
11/1/00		910		11/1/20		349
12/1/00		906		12/1/20		348
1/1/01		903		1/1/21		346
2/1/01		899		2/1/21		345
3/1/01		896		3/1/21		343
4/1/01		892		4/1/21		342
5/1/01		889		5/1/21		341
6/1/01		885		6/1/21		339
7/1/01		881		7/1/21		338
8/1/01		878		8/1/21		337
9/1/01		874		9/1/21		335
10/1/01		871		10/1/21		334
11/1/01		868		11/1/21		333
12/1/01		864		12/1/21		331
1/1/02		861		1/1/22		330
2/1/02		857		2/1/22		329
3/1/02		854		3/1/22		327
4/1/02		850		4/1/22		326
5/1/02		847		5/1/22		325
6/1/02		844		6/1/22		323
7/1/02		840		7/1/22		322
8/1/02		837		8/1/22		321
9/1/02		834		9/1/22		320
10/1/02		830		10/1/22		318
11/1/02		827		11/1/22		317

Expected Production

Riddle B # 4

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
12/1/02		824		12/1/22		316
1/1/03		820		1/1/23		315
2/1/03		817		2/1/23		313
3/1/03		814		3/1/23		312
4/1/03		811		4/1/23		311
5/1/03		807		5/1/23		310
6/1/03		804		6/1/23		308
7/1/03		801		7/1/23		307
8/1/03		798		8/1/23		306
9/1/03		795		9/1/23		305
10/1/03		791		10/1/23		303
11/1/03		788		11/1/23		302
12/1/03		785		12/1/23		301
1/1/04		782		1/1/24		300
2/1/04		779		2/1/24		299
3/1/04		776		3/1/24		297
4/1/04		773		4/1/24		296
5/1/04		770		5/1/24		295
6/1/04		767		6/1/24		294
7/1/04		763		7/1/24		293
8/1/04		760		8/1/24		292
9/1/04		757		9/1/24		290
10/1/04		754		10/1/24		289
11/1/04		751		11/1/24		288
12/1/04		748		12/1/24		287
1/1/05		745		1/1/25		286
2/1/05		742		2/1/25		285
3/1/05		739		3/1/25		284
4/1/05		736		4/1/25		282
5/1/05		734		5/1/25		281
6/1/05		731		6/1/25		280
7/1/05		728		7/1/25		279
8/1/05		725		8/1/25		278
9/1/05		722		9/1/25		277
10/1/05		719		10/1/25		276
11/1/05		716		11/1/25		275
12/1/05		713		12/1/25		274
1/1/06		710		1/1/26		272
2/1/06		708		2/1/26		271
3/1/06		705		3/1/26		270
4/1/06		702		4/1/26		269
5/1/06		699		5/1/26		268
6/1/06		696		6/1/26		267
7/1/06		694		7/1/26		266
8/1/06		691		8/1/26		265
9/1/06		688		9/1/26		264
10/1/06		685		10/1/26		263
11/1/06		683		11/1/26		262

Expected Production

Riddle B # 4

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
12/1/06		680		12/1/26		261
1/1/07		677		1/1/27		260
2/1/07		675		2/1/27		259
3/1/07		672		3/1/27		258
4/1/07		669		4/1/27		257
5/1/07		667		5/1/27		256
6/1/07		664		6/1/27		255
7/1/07		661		7/1/27		254
8/1/07		659		8/1/27		253
9/1/07		656		9/1/27		252
10/1/07		653		10/1/27		251
11/1/07		651		11/1/27		250
12/1/07		648		12/1/27		249
1/1/08		646		1/1/28		248
2/1/08		643		2/1/28		247
3/1/08		640		3/1/28		246
4/1/08		638		4/1/28		245
5/1/08		635		5/1/28		244
6/1/08		633		6/1/28		243
7/1/08		630		7/1/28		242
8/1/08		628		8/1/28		241
9/1/08		625		9/1/28		240
10/1/08		623		10/1/28		239
11/1/08		620		11/1/28		238
12/1/08		618		12/1/28		237
1/1/09		615		1/1/29		236
2/1/09		613		2/1/29		235
3/1/09		610		3/1/29		234
4/1/09		608		4/1/29		233
5/1/09		606		5/1/29		232
6/1/09		603		6/1/29		231
7/1/09		601		7/1/29		230
8/1/09		598		8/1/29		229
9/1/09		596		9/1/29		229
10/1/09		594		10/1/29		228
11/1/09		591		11/1/29		227
12/1/09		589		12/1/29		226
1/1/10		587		1/1/30		225
2/1/10		584		2/1/30		224
3/1/10		582		3/1/30		223
4/1/10		580		4/1/30		222
5/1/10		577		5/1/30		221
6/1/10		575		6/1/30		220
7/1/10		573		7/1/30		220
8/1/10		570		8/1/30		219
9/1/10		568		9/1/30		218
10/1/10		566		10/1/30		217
11/1/10		564		11/1/30		216

Expected Production

Riddle B # 4

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
12/1/10		561		12/1/30		215
1/1/11		559		1/1/31		214
2/1/11		557		2/1/31		214
3/1/11		555		3/1/31		213
4/1/11		552		4/1/31		212
5/1/11		550		5/1/31		211
6/1/11		548		6/1/31		210
7/1/11		546		7/1/31		209
8/1/11		544		8/1/31		208
9/1/11		542		9/1/31		208
10/1/11		539		10/1/31		207
11/1/11		537		11/1/31		206
12/1/11		535		12/1/31		205
1/1/12		533		1/1/32		204
2/1/12		531		2/1/32		204
3/1/12		529		3/1/32		203
4/1/12		527		4/1/32		202
5/1/12		524		5/1/32		201
6/1/12		522		6/1/32		200
7/1/12		520		7/1/32		200
8/1/12		518		8/1/32		199
9/1/12		516		9/1/32		198
10/1/12		514		10/1/32		197
11/1/12		512		11/1/32		196
12/1/12		510		12/1/32		196
1/1/13		508		1/1/33		195
2/1/13		506		2/1/33		194
3/1/13		504		3/1/33		193
4/1/13		502		4/1/33		192
5/1/13		500		5/1/33		192
6/1/13		498		6/1/33		191
7/1/13		496		7/1/33		190
8/1/13		494		8/1/33		189
9/1/13		492		9/1/33		189
10/1/13		490		10/1/33		188
11/1/13		488		11/1/33		187
12/1/13		486		12/1/33		186
1/1/14		484		1/1/34		186
2/1/14		482		2/1/34		185
3/1/14		480		3/1/34		184
4/1/14		478		4/1/34		183
5/1/14		477		5/1/34		183
6/1/14		475		6/1/34		182
7/1/14		473		7/1/34		181
8/1/14		471		8/1/34		181
9/1/14		469		9/1/34		180
10/1/14		467		10/1/34		179
11/1/14		465		11/1/34		178

Expected Production

Riddle B # 4

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
12/1/14		463		12/1/34		178
1/1/15		462		1/1/35		177
2/1/15		460		2/1/35		176
3/1/15		458		3/1/35		176
4/1/15		456		4/1/35		175
5/1/15		454		5/1/35		174
6/1/15		452		6/1/35		173
7/1/15		451		7/1/35		173
8/1/15		449		8/1/35		172
9/1/15		447		9/1/35		171
10/1/15		445		10/1/35		171
11/1/15		443		11/1/35		170
12/1/15		442		12/1/35		169
1/1/16		440		1/1/36		169
2/1/16		438		2/1/36		168
3/1/16		436		3/1/36		167
4/1/16		435		4/1/36		167
5/1/16		433		5/1/36		166
6/1/16		431		6/1/36		165
7/1/16		430		7/1/36		165
8/1/16		428		8/1/36		164
9/1/16		426		9/1/36		163
10/1/16		424		10/1/36		163
11/1/16		423		11/1/36		162
12/1/16		421		12/1/36		161
1/1/17		419		1/1/37		161
2/1/17		418		2/1/37		160
3/1/17		416		3/1/37		160
4/1/17		414		4/1/37		159
5/1/17		413		5/1/37		158
6/1/17		411		6/1/37		158
7/1/17		409		7/1/37		157
8/1/17		408		8/1/37		156
9/1/17		406		9/1/37		156
10/1/17		405		10/1/37		155
11/1/17		403		11/1/37		155
12/1/17		401		12/1/37		154
1/1/18		400		1/1/38		153
2/1/18		398		2/1/38		153
3/1/18		397		3/1/38		152
4/1/18		395		4/1/38		151
5/1/18		393		5/1/38		151
6/1/18		392		6/1/38		150
7/1/18		390		7/1/38		150
8/1/18		389		8/1/38		149
9/1/18		387		9/1/38		148
10/1/18		386		10/1/38		148
11/1/18		384		11/1/38		147