

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
NOV 25 1998

**APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL**
**OIL CON. DIV.
DIST. 3**

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 A 2 API #: 300451332700
Location of Well:
Unit Letter: H 1650' FNL, 990' FEL Section: 01
Township: 029N Range: 009W NMPM, SAN JUAN County.

III. Date Workover Procedures Commenced: 5/98
Date Workover Procedures were Completed: 5/98

IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.
CLEANOUT WELLBORE & REPLACE TUBING

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 MESAVERDE

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.

Peggy Bradfield
(Name)

Regulatory/Compliance Administrator
(Title)

SUBSCRIBED AND SWORN TO before me this 23rd day of Nov., 19 98.

Mae Benallyon
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:

5/9, 19 98.

District Supervisor, District 3
Oil Conservation Division

Date: 12/31/98

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

93 MAY 19 PM 3:00

1. Type of Well
GAS

070 FARMINGTON, NM

5. Lease Number
SF-078201A
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 A #2

9. API Well No.
30-045-13327

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

1650' FNL, 990' FEL, Sec.1, T-29-N, R-9-W, NMPM

10. Field and Pool
Blanco Mesaverde

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

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Final Abandonment

☐ Altering Casing

☐ Conversion to Injection

☒ Other - Tubing repair

13. Describe Proposed or Completed Operations

5-6-98 MIRU. ND WH. NU BOP. TIH, tag up @ 5367'. SDON.

5-7-98 TIH w/4 1/2" RBP, set @ 300'. TOOH. Load hole w/wtr. ND BOP. Weld csg stub on 4 1/2" csg. Install new secondary seal. NU BOP. PT secondary seal to 1500 psi, OK. TIH w/retrieving tool. Latch RBP, TOOH. TIH, blow well & CO. SDON.

5-8-98 Blow well & CO. TOOH. TIH w/172 jts 2 3/8" 4.7# J-55 EUE tbgs, landed @ 5349'. ND BOP. NU WH. Blow well & CO. RD. Rig released.

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

Signed [Signature] Title Regulatory Administrator Date 5/18/98
no

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

MAY 20 1998

FARMINGTON DISTRICT OFFICE

OPERATOR

with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: [Signature]

Printed Name:
Dolores Diaz

Approved by:

Title: 37.8
SUPERVISOR DISTRICT #3

Expected Production before Workover

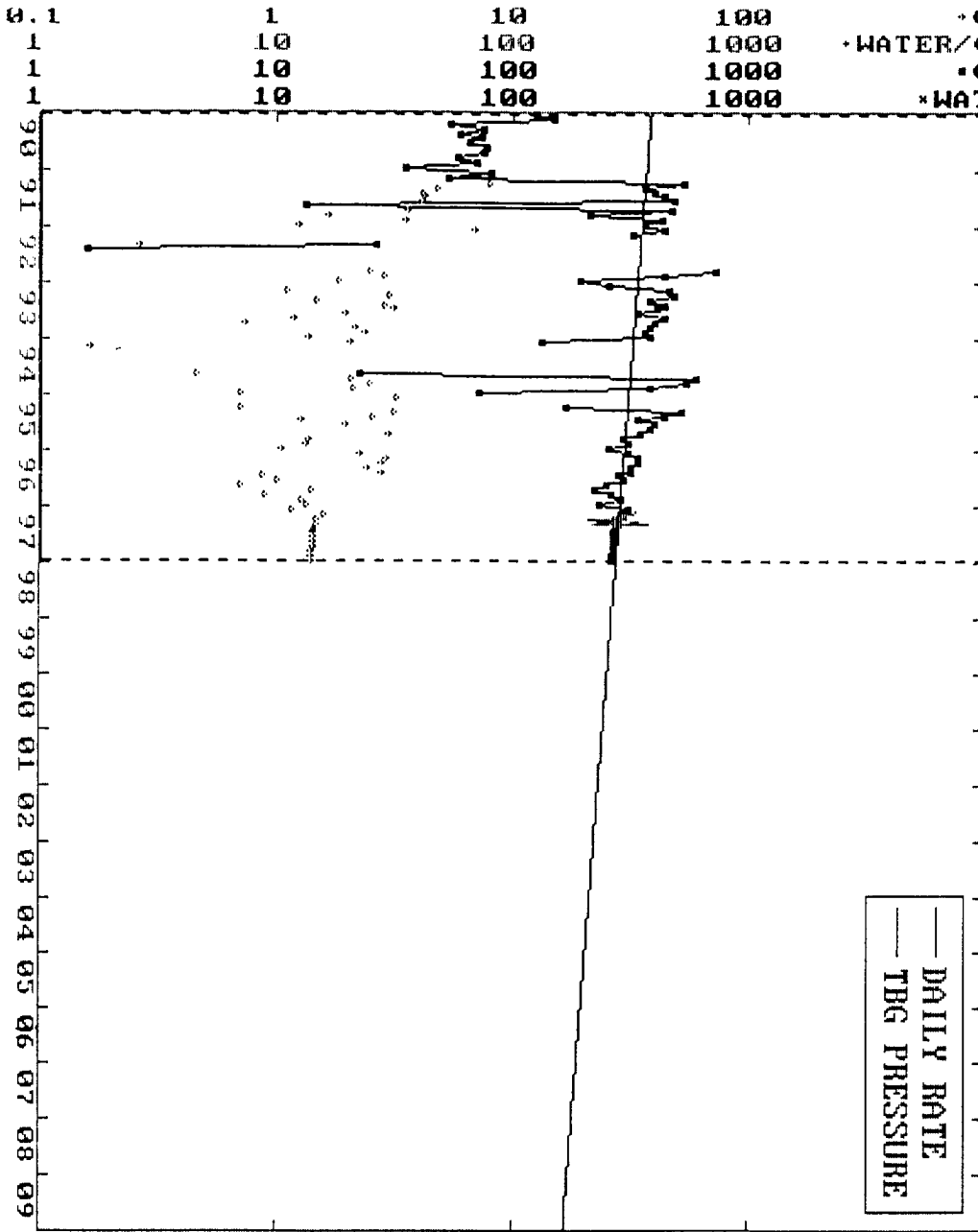
RIDDLE A : 2 : 48408A-1

Prop 84 *

* OIL
* WATER/GAS
* GAS
* WATER

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

RateTime
Semi Log



Browsing: RIDDLE A | 2 | 48408A

--DATE--	----OIL----	----GAS----
	Bbl	Mcf
10/31/96	27	8148
11/30/96	38	8960
12/31/96	40	7183
01/31/97	35	9519
02/28/97	47	8898
03/31/97	44	8523
04/30/97	44	8485
05/31/97	43	8447
06/30/97	43	8409
07/31/97	43	8371
08/31/97	43	8333
09/30/97	43	8295
10/31/97	42	8258
11/30/97	42	8221
12/31/97	42	8184

Expected Production

RIDDLE A 2

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
5/1/98		8,395		5/1/18		3,651
6/1/98		8,366		6/1/18		3,638
7/1/98		8,337		7/1/18		3,626
8/1/98		8,308		8/1/18		3,613
9/1/98		8,279		9/1/18		3,601
10/1/98		8,251		10/1/18		3,588
11/1/98		8,222		11/1/18		3,576
12/1/98		8,194		12/1/18		3,563
1/1/99		8,165		1/1/19		3,551
2/1/99		8,137		2/1/19		3,539
3/1/99		8,109		3/1/19		3,527
4/1/99		8,081		4/1/19		3,514
5/1/99		8,053		5/1/19		3,502
6/1/99		8,025		6/1/19		3,490
7/1/99		7,997		7/1/19		3,478
8/1/99		7,969		8/1/19		3,466
9/1/99		7,942		9/1/19		3,454
10/1/99		7,914		10/1/19		3,442
11/1/99		7,887		11/1/19		3,430
12/1/99		7,860		12/1/19		3,418
1/1/00		7,832		1/1/20		3,406
2/1/00		7,805		2/1/20		3,394
3/1/00		7,778		3/1/20		3,383
4/1/00		7,751		4/1/20		3,371
5/1/00		7,724		5/1/20		3,359
6/1/00		7,698		6/1/20		3,348
7/1/00		7,671		7/1/20		3,336
8/1/00		7,644		8/1/20		3,325
9/1/00		7,618		9/1/20		3,313
10/1/00		7,592		10/1/20		3,302
11/1/00		7,565		11/1/20		3,290
12/1/00		7,539		12/1/20		3,279
1/1/01		7,513		1/1/21		3,267
2/1/01		7,487		2/1/21		3,256
3/1/01		7,461		3/1/21		3,245
4/1/01		7,435		4/1/21		3,234
5/1/01		7,409		5/1/21		3,222
6/1/01		7,384		6/1/21		3,211
7/1/01		7,358		7/1/21		3,200
8/1/01		7,333		8/1/21		3,189
9/1/01		7,307		9/1/21		3,178
10/1/01		7,282		10/1/21		3,167
11/1/01		7,257		11/1/21		3,156
12/1/01		7,232		12/1/21		3,145
1/1/02		7,207		1/1/22		3,134
2/1/02		7,182		2/1/22		3,123
3/1/02		7,157		3/1/22		3,112
4/1/02		7,132		4/1/22		3,102

Expected Production

RIDDLE A 2

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
5/1/02		7,107		5/1/22		3,091
6/1/02		7,083		6/1/22		3,080
7/1/02		7,058		7/1/22		3,070
8/1/02		7,034		8/1/22		3,059
9/1/02		7,009		9/1/22		3,048
10/1/02		6,985		10/1/22		3,038
11/1/02		6,961		11/1/22		3,027
12/1/02		6,937		12/1/22		3,017
1/1/03		6,913		1/1/23		3,006
2/1/03		6,889		2/1/23		2,996
3/1/03		6,865		3/1/23		2,986
4/1/03		6,841		4/1/23		2,975
5/1/03		6,817		5/1/23		2,965
6/1/03		6,794		6/1/23		2,955
7/1/03		6,770		7/1/23		2,944
8/1/03		6,747		8/1/23		2,934
9/1/03		6,724		9/1/23		2,924
10/1/03		6,700		10/1/23		2,914
11/1/03		6,677		11/1/23		2,904
12/1/03		6,654		12/1/23		2,894
1/1/04		6,631		1/1/24		2,884
2/1/04		6,608		2/1/24		2,874
3/1/04		6,585		3/1/24		2,864
4/1/04		6,562		4/1/24		2,854
5/1/04		6,539		5/1/24		2,844
6/1/04		6,517		6/1/24		2,834
7/1/04		6,494		7/1/24		2,824
8/1/04		6,472		8/1/24		2,815
9/1/04		6,449		9/1/24		2,805
10/1/04		6,427		10/1/24		2,795
11/1/04		6,405		11/1/24		2,785
12/1/04		6,383		12/1/24		2,776
1/1/05		6,360		1/1/25		2,766
2/1/05		6,338		2/1/25		2,757
3/1/05		6,316		3/1/25		2,747
4/1/05		6,295		4/1/25		2,738
5/1/05		6,273		5/1/25		2,728
6/1/05		6,251		6/1/25		2,719
7/1/05		6,229		7/1/25		2,709
8/1/05		6,208		8/1/25		2,700
9/1/05		6,186		9/1/25		2,690
10/1/05		6,165		10/1/25		2,681
11/1/05		6,144		11/1/25		2,672
12/1/05		6,122		12/1/25		2,663
1/1/06		6,101		1/1/26		2,653
2/1/06		6,080		2/1/26		2,644
3/1/06		6,059		3/1/26		2,635
4/1/06		6,038		4/1/26		2,626

Expected Production

RIDDLE A 2

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
5/1/06		6,017		5/1/26		2,617
6/1/06		5,996		6/1/26		2,608
7/1/06		5,975		7/1/26		2,599
8/1/06		5,955		8/1/26		2,590
9/1/06		5,934		9/1/26		2,581
10/1/06		5,914		10/1/26		2,572
11/1/06		5,893		11/1/26		2,563
12/1/06		5,873		12/1/26		2,554
1/1/07		5,852		1/1/27		2,545
2/1/07		5,832		2/1/27		2,536
3/1/07		5,812		3/1/27		2,528
4/1/07		5,792		4/1/27		2,519
5/1/07		5,772		5/1/27		2,510
6/1/07		5,752		6/1/27		2,501
7/1/07		5,732		7/1/27		2,493
8/1/07		5,712		8/1/27		2,484
9/1/07		5,692		9/1/27		2,475
10/1/07		5,672		10/1/27		2,467
11/1/07		5,653		11/1/27		2,458
12/1/07		5,633		12/1/27		2,450
1/1/08		5,614		1/1/28		2,441
2/1/08		5,594		2/1/28		2,433
3/1/08		5,575		3/1/28		2,424
4/1/08		5,556		4/1/28		2,416
5/1/08		5,536		5/1/28		2,408
6/1/08		5,517		6/1/28		2,399
7/1/08		5,498		7/1/28		2,391
8/1/08		5,479		8/1/28		2,383
9/1/08		5,460		9/1/28		2,375
10/1/08		5,441		10/1/28		2,366
11/1/08		5,422		11/1/28		2,358
12/1/08		5,403		12/1/28		2,350
1/1/09		5,385		1/1/29		2,342
2/1/09		5,366		2/1/29		2,334
3/1/09		5,348		3/1/29		2,326
4/1/09		5,329		4/1/29		2,318
5/1/09		5,311		5/1/29		2,310
6/1/09		5,292		6/1/29		2,302
7/1/09		5,274		7/1/29		2,294
8/1/09		5,256		8/1/29		2,286
9/1/09		5,237		9/1/29		2,278
10/1/09		5,219		10/1/29		2,270
11/1/09		5,201		11/1/29		2,262
12/1/09		5,183		12/1/29		2,254
1/1/10		5,165		1/1/30		2,246
2/1/10		5,147		2/1/30		2,239
3/1/10		5,129		3/1/30		2,231
4/1/10		5,112		4/1/30		2,223

Expected Production

RIDDLE A 2

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
5/1/10		5,094		5/1/30		2,215
6/1/10		5,076		6/1/30		2,208
7/1/10		5,059		7/1/30		2,200
8/1/10		5,041		8/1/30		2,192
9/1/10		5,024		9/1/30		2,185
10/1/10		5,006		10/1/30		2,177
11/1/10		4,989		11/1/30		2,170
12/1/10		4,972		12/1/30		2,162
1/1/11		4,955		1/1/31		2,155
2/1/11		4,937		2/1/31		2,147
3/1/11		4,920		3/1/31		2,140
4/1/11		4,903		4/1/31		2,132
5/1/11		4,886		5/1/31		2,125
6/1/11		4,869		6/1/31		2,118
7/1/11		4,852		7/1/31		2,110
8/1/11		4,836		8/1/31		2,103
9/1/11		4,819		9/1/31		2,096
10/1/11		4,802		10/1/31		2,088
11/1/11		4,786		11/1/31		2,081
12/1/11		4,769		12/1/31		2,074
1/1/12		4,753		1/1/32		2,067
2/1/12		4,736		2/1/32		2,060
3/1/12		4,720		3/1/32		2,053
4/1/12		4,703		4/1/32		2,045
5/1/12		4,687		5/1/32		2,038
6/1/12		4,671		6/1/32		2,031
7/1/12		4,655		7/1/32		2,024
8/1/12		4,638		8/1/32		2,017
9/1/12		4,622		9/1/32		2,010
10/1/12		4,606		10/1/32		2,003
11/1/12		4,590		11/1/32		1,996
12/1/12		4,575		12/1/32		1,989
1/1/13		4,559		1/1/33		1,983
2/1/13		4,543		2/1/33		1,976
3/1/13		4,527		3/1/33		1,969
4/1/13		4,512		4/1/33		1,962
5/1/13		4,496		5/1/33		1,955
6/1/13		4,480		6/1/33		1,948
7/1/13		4,465		7/1/33		1,942
8/1/13		4,449		8/1/33		1,935
9/1/13		4,434		9/1/33		1,928
10/1/13		4,419		10/1/33		1,922
11/1/13		4,403		11/1/33		1,915
12/1/13		4,388		12/1/33		1,908
1/1/14		4,373		1/1/34		1,902
2/1/14		4,358		2/1/34		1,895
3/1/14		4,343		3/1/34		1,889
4/1/14		4,328		4/1/34		1,882

Expected Production

RIDDLE A 2

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
5/1/14		4,313		5/1/34		1,876
6/1/14		4,298		6/1/34		1,869
7/1/14		4,283		7/1/34		1,863
8/1/14		4,268		8/1/34		1,856
9/1/14		4,253		9/1/34		1,850
10/1/14		4,238		10/1/34		1,843
11/1/14		4,224		11/1/34		1,837
12/1/14		4,209		12/1/34		1,831
1/1/15		4,195		1/1/35		1,824
2/1/15		4,180		2/1/35		1,818
3/1/15		4,166		3/1/35		1,812
4/1/15		4,151		4/1/35		1,805
5/1/15		4,137		5/1/35		1,799
6/1/15		4,122		6/1/35		1,793
7/1/15		4,108		7/1/35		1,787
8/1/15		4,094		8/1/35		1,780
9/1/15		4,080		9/1/35		1,774
10/1/15		4,066		10/1/35		1,768
11/1/15		4,051		11/1/35		1,762
12/1/15		4,037		12/1/35		1,756
1/1/16		4,023		1/1/36		1,750
2/1/16		4,010		2/1/36		1,744
3/1/16		3,996		3/1/36		1,738
4/1/16		3,982		4/1/36		1,732
5/1/16		3,968		5/1/36		1,726
6/1/16		3,954		6/1/36		1,720
7/1/16		3,941		7/1/36		1,714
8/1/16		3,927		8/1/36		1,708
9/1/16		3,913		9/1/36		1,702
10/1/16		3,900		10/1/36		1,696
11/1/16		3,886		11/1/36		1,690
12/1/16		3,873		12/1/36		1,684
1/1/17		3,859		1/1/37		1,678
2/1/17		3,846		2/1/37		1,673
3/1/17		3,833		3/1/37		1,667
4/1/17		3,819		4/1/37		1,661
5/1/17		3,806		5/1/37		1,655
6/1/17		3,793		6/1/37		1,650
7/1/17		3,780		7/1/37		1,644
8/1/17		3,767		8/1/37		1,638
9/1/17		3,754		9/1/37		1,633
10/1/17		3,741		10/1/37		1,627
11/1/17		3,728		11/1/37		1,621
12/1/17		3,715		12/1/37		1,616
1/1/18		3,702		1/1/38		1,610
2/1/18		3,689		2/1/38		1,604
3/1/18		3,676		3/1/38		1,599
4/1/18		3,664		4/1/38		1,593