

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: SCHUMACHER 1A API #: 300452663900

Location of Well:

Unit Letter: C 870' FNL, 1430' FWL Section: 17

Township: 030N Range: 010W NMPM, SAN JUAN County.

III. Date Workover Procedures Commenced: 7/98

Date Workover Procedures were Completed: 7/98

IV. ~~Attach a description of the~~ Workover Procedures undertaken to increase the projection from the Well.
INSTALL PUMPING UNIT

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 Benallyer
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:

7/20, 19 98.

3
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: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

- | | |
|--|---|
| 1. Type of Well
GAS | 5. Lease Number
SF-077764 |
| | 6. If Indian, All. or
Tribe Name |
| | 7. Unit Agreement Name |
| 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
870' FNL, 1430' FWL, Sec.17, T-30-N, R-10-W, NMPM | |
| | 8. Well Name & Number
Schumacher #1A |
| | 9. API Well No.
30-045-26639 |
| | 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 | |
|---|---|--|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut off |
| | <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| | <input checked="" type="checkbox"/> Other - Pump installation | |

13. Describe Proposed or Completed Operations

- 7-15-98 MIRU. SDON.
- 7-16-98 ND WH. NU BOP. TIH, tag up @ 5600'. TOOH w/173 jts 2 3/8" tbg. TIH w/3 7/8" bit to 5560'. Spot 500 gal 15% HCl across Mesaverde perms. SDON.
- 7-17-98 Blow well & CO to PBD @ 5692'. TOOH. TIH w/174 jts 2 3/8" 4.7# J-55 EUE tbg, landed @ 5597'. ND BOP. NU WH. SD for weekend.
- 7-20-98 TIH w/pump & 218 3/4" rods. Load tbg w/12 bbl wtr. PT tbg to 500 psi, OK. RD. Rig released.

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

Signed *[Signature]* Title Regulatory Administrator Date 7/21/98

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

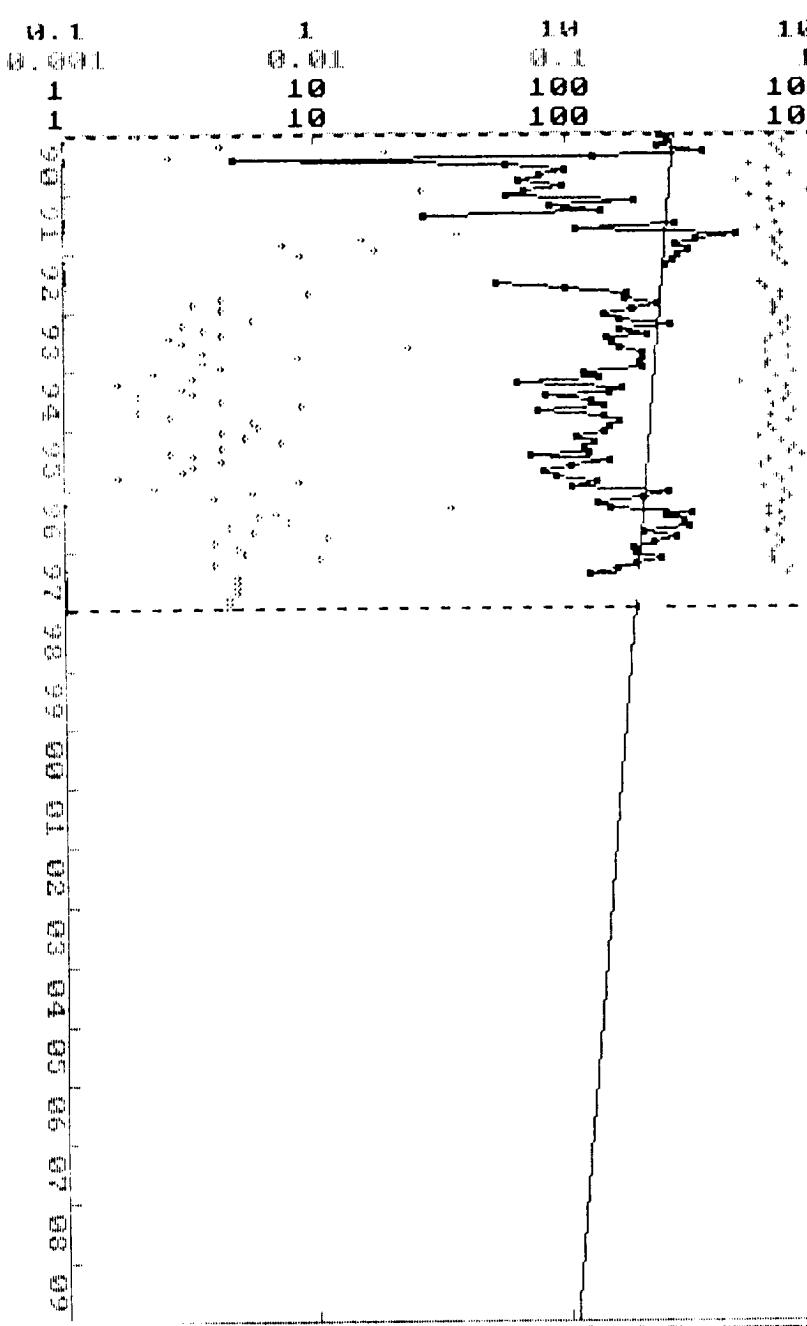
Expected production before workover

SCHUMACHER 1A 5441A-1

Prop 11 *

• OIL
• WATER/GAS
• GAS
* WATER

- * WATER Bbls/d
 - GAS Mcf/d
 - WATER/GAS
 - OIL Bbl/d
- RateTime
Soni Log



100
1
1000
1000

10
0.1
100
100

1
0.01
10
10

0.1
0.001
1
1

90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09

DAILY RATE
TBG PRESSURE

Browsing: SCHUMACHER | 1A | 54441A
Table(P): PRODUCT/M,P,H,E,T,Z,C,A,
Item: 2/18/19 Name: DATE

--DATE--	----OIL----	----GAS-----
	Bbl	Mcf
10/31/96	34	8597
11/30/96	12	6810
12/31/96	15	5659
1/31/97	16	5898
2/28/97	32	7358
3/31/97	12	5847
4/30/97	0	4967
5/31/97	0	3838
6/30/97	0	2131
7/31/97	0	1977
8/31/97	0	3379
9/30/97	0	2868
10/31/97	0	3339
11/30/97	0	3195
12/31/97	0	2887

Expected Production

Schumacher #1A

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
7/1/98		5,658		7/1/18		2,235
8/1/98		5,636		8/1/18		2,227
9/1/98		5,614		9/1/18		2,218
10/1/98		5,592		10/1/18		2,210
11/1/98		5,571		11/1/18		2,201
12/1/98		5,549		12/1/18		2,193
1/1/99		5,528		1/1/19		2,184
2/1/99		5,506		2/1/19		2,176
3/1/99		5,485		3/1/19		2,167
4/1/99		5,464		4/1/19		2,159
5/1/99		5,443		5/1/19		2,151
6/1/99		5,422		6/1/19		2,142
7/1/99		5,401		7/1/19		2,134
8/1/99		5,380		8/1/19		2,126
9/1/99		5,359		9/1/19		2,117
10/1/99		5,339		10/1/19		2,109
11/1/99		5,318		11/1/19		2,101
12/1/99		5,297		12/1/19		2,093
1/1/00		5,277		1/1/20		2,085
2/1/00		5,257		2/1/20		2,077
3/1/00		5,236		3/1/20		2,069
4/1/00		5,216		4/1/20		2,061
5/1/00		5,196		5/1/20		2,053
6/1/00		5,176		6/1/20		2,045
7/1/00		5,156		7/1/20		2,037
8/1/00		5,136		8/1/20		2,029
9/1/00		5,116		9/1/20		2,021
10/1/00		5,096		10/1/20		2,014
11/1/00		5,077		11/1/20		2,006
12/1/00		5,057		12/1/20		1,998
1/1/01		5,038		1/1/21		1,990
2/1/01		5,018		2/1/21		1,983
3/1/01		4,999		3/1/21		1,975
4/1/01		4,979		4/1/21		1,967
5/1/01		4,960		5/1/21		1,960
6/1/01		4,941		6/1/21		1,952
7/1/01		4,922		7/1/21		1,945
8/1/01		4,903		8/1/21		1,937
9/1/01		4,884		9/1/21		1,930
10/1/01		4,865		10/1/21		1,922
11/1/01		4,846		11/1/21		1,915
12/1/01		4,828		12/1/21		1,907
1/1/02		4,809		1/1/22		1,900
2/1/02		4,790		2/1/22		1,893
3/1/02		4,772		3/1/22		1,885
4/1/02		4,754		4/1/22		1,878
5/1/02		4,735		5/1/22		1,871
6/1/02		4,717		6/1/22		1,864

Expected Production

Schumacher #1A

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
7/1/02		4,699		7/1/22		1,856
8/1/02		4,681		8/1/22		1,849
9/1/02		4,662		9/1/22		1,842
10/1/02		4,644		10/1/22		1,835
11/1/02		4,626		11/1/22		1,828
12/1/02		4,609		12/1/22		1,821
1/1/03		4,591		1/1/23		1,814
2/1/03		4,573		2/1/23		1,807
3/1/03		4,555		3/1/23		1,800
4/1/03		4,538		4/1/23		1,793
5/1/03		4,520		5/1/23		1,786
6/1/03		4,503		6/1/23		1,779
7/1/03		4,485		7/1/23		1,772
8/1/03		4,468		8/1/23		1,765
9/1/03		4,451		9/1/23		1,759
10/1/03		4,434		10/1/23		1,752
11/1/03		4,417		11/1/23		1,745
12/1/03		4,400		12/1/23		1,738
1/1/04		4,383		1/1/24		1,732
2/1/04		4,366		2/1/24		1,725
3/1/04		4,349		3/1/24		1,718
4/1/04		4,332		4/1/24		1,712
5/1/04		4,315		5/1/24		1,705
6/1/04		4,299		6/1/24		1,698
7/1/04		4,282		7/1/24		1,692
8/1/04		4,265		8/1/24		1,685
9/1/04		4,249		9/1/24		1,679
10/1/04		4,233		10/1/24		1,672
11/1/04		4,216		11/1/24		1,666
12/1/04		4,200		12/1/24		1,659
1/1/05		4,184		1/1/25		1,653
2/1/05		4,168		2/1/25		1,647
3/1/05		4,151		3/1/25		1,640
4/1/05		4,135		4/1/25		1,634
5/1/05		4,119		5/1/25		1,628
6/1/05		4,104		6/1/25		1,621
7/1/05		4,088		7/1/25		1,615
8/1/05		4,072		8/1/25		1,609
9/1/05		4,056		9/1/25		1,603
10/1/05		4,041		10/1/25		1,596
11/1/05		4,025		11/1/25		1,590
12/1/05		4,009		12/1/25		1,584
1/1/06		3,994		1/1/26		1,578
2/1/06		3,978		2/1/26		1,572
3/1/06		3,963		3/1/26		1,566
4/1/06		3,948		4/1/26		1,560
5/1/06		3,933		5/1/26		1,554
6/1/06		3,917		6/1/26		1,548

Expected Production

Schumacher #1A

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
7/1/06		3,902		7/1/26		1,542
8/1/06		3,887		8/1/26		1,536
9/1/06		3,872		9/1/26		1,530
10/1/06		3,857		10/1/26		1,524
11/1/06		3,842		11/1/26		1,518
12/1/06		3,827		12/1/26		1,512
1/1/07		3,813		1/1/27		1,506
2/1/07		3,798		2/1/27		1,501
3/1/07		3,783		3/1/27		1,495
4/1/07		3,769		4/1/27		1,489
5/1/07		3,754		5/1/27		1,483
6/1/07		3,740		6/1/27		1,478
7/1/07		3,725		7/1/27		1,472
8/1/07		3,711		8/1/27		1,466
9/1/07		3,697		9/1/27		1,461
10/1/07		3,682		10/1/27		1,455
11/1/07		3,668		11/1/27		1,449
12/1/07		3,654		12/1/27		1,444
1/1/08		3,640		1/1/28		1,438
2/1/08		3,626		2/1/28		1,433
3/1/08		3,612		3/1/28		1,427
4/1/08		3,598		4/1/28		1,421
5/1/08		3,584		5/1/28		1,416
6/1/08		3,570		6/1/28		1,411
7/1/08		3,556		7/1/28		1,405
8/1/08		3,542		8/1/28		1,400
9/1/08		3,529		9/1/28		1,394
10/1/08		3,515		10/1/28		1,389
11/1/08		3,502		11/1/28		1,384
12/1/08		3,488		12/1/28		1,378
1/1/09		3,475		1/1/29		1,373
2/1/09		3,461		2/1/29		1,368
3/1/09		3,448		3/1/29		1,362
4/1/09		3,435		4/1/29		1,357
5/1/09		3,421		5/1/29		1,352
6/1/09		3,408		6/1/29		1,347
7/1/09		3,395		7/1/29		1,341
8/1/09		3,382		8/1/29		1,336
9/1/09		3,369		9/1/29		1,331
10/1/09		3,356		10/1/29		1,326
11/1/09		3,343		11/1/29		1,321
12/1/09		3,330		12/1/29		1,316
1/1/10		3,317		1/1/30		1,311
2/1/10		3,304		2/1/30		1,306
3/1/10		3,291		3/1/30		1,300
4/1/10		3,279		4/1/30		1,295
5/1/10		3,266		5/1/30		1,290
6/1/10		3,253		6/1/30		1,285

Expected Production

Schumacher #1A

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
7/1/10		3,241		7/1/30		1,280
8/1/10		3,228		8/1/30		1,276
9/1/10		3,216		9/1/30		1,271
10/1/10		3,203		10/1/30		1,266
11/1/10		3,191		11/1/30		1,261
12/1/10		3,179		12/1/30		1,256
1/1/11		3,166		1/1/31		1,251
2/1/11		3,154		2/1/31		1,246
3/1/11		3,142		3/1/31		1,241
4/1/11		3,130		4/1/31		1,237
5/1/11		3,118		5/1/31		1,232
6/1/11		3,106		6/1/31		1,227
7/1/11		3,094		7/1/31		1,222
8/1/11		3,082		8/1/31		1,218
9/1/11		3,070		9/1/31		1,213
10/1/11		3,058		10/1/31		1,208
11/1/11		3,046		11/1/31		1,204
12/1/11		3,035		12/1/31		1,199
1/1/12		3,023		1/1/32		1,194
2/1/12		3,011		2/1/32		1,190
3/1/12		3,000		3/1/32		1,185
4/1/12		2,988		4/1/32		1,181
5/1/12		2,976		5/1/32		1,176
6/1/12		2,965		6/1/32		1,171
7/1/12		2,953		7/1/32		1,167
8/1/12		2,942		8/1/32		1,162
9/1/12		2,931		9/1/32		1,158
10/1/12		2,919		10/1/32		1,153
11/1/12		2,908		11/1/32		1,149
12/1/12		2,897		12/1/32		1,145
1/1/13		2,886		1/1/33		1,140
2/1/13		2,875		2/1/33		1,136
3/1/13		2,863		3/1/33		1,131
4/1/13		2,852		4/1/33		1,127
5/1/13		2,841		5/1/33		1,123
6/1/13		2,830		6/1/33		1,118
7/1/13		2,819		7/1/33		1,114
8/1/13		2,809		8/1/33		1,110
9/1/13		2,798		9/1/33		1,105
10/1/13		2,787		10/1/33		1,101
11/1/13		2,776		11/1/33		1,097
12/1/13		2,765		12/1/33		1,093
1/1/14		2,755		1/1/34		1,088
2/1/14		2,744		2/1/34		1,084
3/1/14		2,734		3/1/34		1,080
4/1/14		2,723		4/1/34		1,076
5/1/14		2,712		5/1/34		1,072
6/1/14		2,702		6/1/34		1,068

Expected Production

Schumacher #1A

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
7/1/14		2,692		7/1/34		1,063
8/1/14		2,681		8/1/34		1,059
9/1/14		2,671		9/1/34		1,055
10/1/14		2,660		10/1/34		1,051
11/1/14		2,650		11/1/34		1,047
12/1/14		2,640		12/1/34		1,043
1/1/15		2,630		1/1/35		1,039
2/1/15		2,620		2/1/35		1,035
3/1/15		2,610		3/1/35		1,031
4/1/15		2,599		4/1/35		1,027
5/1/15		2,589		5/1/35		1,023
6/1/15		2,579		6/1/35		1,019
7/1/15		2,569		7/1/35		1,015
8/1/15		2,560		8/1/35		1,011
9/1/15		2,550		9/1/35		1,007
10/1/15		2,540		10/1/35		1,003
11/1/15		2,530		11/1/35		1,000
12/1/15		2,520		12/1/35		996
1/1/16		2,510		1/1/36		992
2/1/16		2,501		2/1/36		988
3/1/16		2,491		3/1/36		984
4/1/16		2,482		4/1/36		980
5/1/16		2,472		5/1/36		977
6/1/16		2,462		6/1/36		973
7/1/16		2,453		7/1/36		969
8/1/16		2,443		8/1/36		965
9/1/16		2,434		9/1/36		962
10/1/16		2,425		10/1/36		958
11/1/16		2,415		11/1/36		954
12/1/16		2,406		12/1/36		951
1/1/17		2,397		1/1/37		947
2/1/17		2,387		2/1/37		943
3/1/17		2,378		3/1/37		940
4/1/17		2,369		4/1/37		936
5/1/17		2,360		5/1/37		932
6/1/17		2,351		6/1/37		929
7/1/17		2,342		7/1/37		925
8/1/17		2,333		8/1/37		922
9/1/17		2,324		9/1/37		918
10/1/17		2,315		10/1/37		915
11/1/17		2,306		11/1/37		911
12/1/17		2,297		12/1/37		907
1/1/18		2,288		1/1/38		904
2/1/18		2,279		2/1/38		900
3/1/18		2,270		3/1/38		897
4/1/18		2,261		4/1/38		894
5/1/18		2,253		5/1/38		890
6/1/18		2,244		6/1/38		887