

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 - 7 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: HUBBELL 3E API #: 300452388100
Location of Well:
Unit Letter: H 1540' FNL, 1020' FEL Section: 18
Township: 029N Range: 010W NMPM, SAN JUAN County.
- III. Date Workover Procedures Commenced: 9/98
Date Workover Procedures were Completed: 9/98
- IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.
OPEN MV & COMMINGLE W/EXISTING DK
- 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 / Basin Dakota
- VII. AFFIDAVIT:
State of New Mexico)
County of San Juan) ss.

Peggy Bradfield, being first duly sworn, deposes and states:

- I am the Operator or authorized representative of the Operator of the above referenced Well.
- 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.
- 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 3rd day of June, 19 99.

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:

9/21, 19 98.

SS. J
District Supervisor, District 3
Oil Conservation Division

Date: 8/4/99

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
BLM

Sundry Notices and Reports on Wells

93 SEP 25 PM 1:16

1. Type of Well
GAS

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
1540' FNL, 1020' FEL, Sec. 18, T-29-N, R-10-W, NMPM
DHC-1838

5. Lease Number
SF-078716-A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Hubbell #3E

9. API Well No.
30-045-23881

10. Field and Pool
Blanco MV/Basin DK

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 - Commingle	

13. Describe Proposed or Completed Operations

9-10-98 MIRU. ND WH. NU BOP. TOOH w/208 jts 2 3/8" tbgs. SDON.

9-11-98 TIH w/3 7/8" mill & bit to 4798'. TOOH w/mill & bit. TIH w/CIBP, set @ 4800'.
TOOH. TIH. Ran CBL-GR-CCL @ 770-4800'. TOC @ 970' & 4140'. TOOH.
Notified W. Townsend. BLM @ 2:45 p.m. of intent to squeeze. TIH.
Perf two squeeze holes @ 3950' & 4100'. TOOH. SDON.

9-12-98 TIH w/pkr, set @ 3673'. Load well & circ through peris. Rls pkr & TOOH.
TIH w/cmt retainer, set @ 3983'. Squeezed perfs w/250 sx Class "B" neat cmt
w/0.4% fluid loss, 3 1/2 KCL (425 cu ft). TOOH. SD over weekend.

9-14-98 PT csg to 500 psi/15 min., OK. TIH w/3 7/8" mill, tag cmt @ 3860'. Drill out
cmt & retainer. Circ hole clean. PT csg to 500 psi/15 min., OK. TOOH w/
mill. TIH. Ran CBL @ 3432-4200'. TOC @ 3474'. TOOH. TIH w/wireline.
Perf Menefee w/1 SPT @ 3972, 3988, 3995, 4004, 4036, 4044, 4083, 4103,
4104, 4220, 4225, 4336, 4280, 4295, 4308, 4314, 4325, 4332, 4342, 4353,
4367 w/21 0.32" diameter holes total. TOOH w/wireline. SDON.

9-15-98 TIH w/4 1/2" pkr, set @ 4393'. PT CIBP to 4800 psi, OK. Brk down perfs w/
1500 gal 15% HCL. Set pkr @ 3905'. PT surf lines to 5500 psi. Frac Menefee
w/1626 bbl 30# linear gel, 120,000# 20/40 AZ sand. Rls pkr & TOOH. SDON.

Verd Completion report for Menefee.

continued on back

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

Signed *Regulatory Administrator* Title Regulatory Administrator Date 9/25/98
vkh

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date ACCL. E. ORD
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

9-16-98 TIH w/3 7/8" mill. Flow back well.
9-17&18-98 Blow well & CO. Alternate between blowing & flowing naturally.
9-19-98 Blow well & CO. Drill out CIBP & CO to 6619'. Circ hole clean. Flow well.
9-21-98 CO w/air. TOOH w/mill. TIH w/209 jts 2 3/8" 4.7# J-55 tbg, set @ 6550'.
ND BOP. NU WH. RD. Rig released.

Well will operate as Mesaverde/Dakota commingle under DHC-1838.

Hubbell # 3E (Dakota)

<u>Month</u>	<u>Oil</u>	<u>Gas</u>
Sep-97	10	3,496
Oct-97	8	3,454
Nov-97	8	3,218
Dec-97	8	3,171
Jan-98	7	3,171
Feb-98	8	2,822
Mar-98	16	3,114
Apr-98	6	2,998
May-98	9	2,983
Jun-98	8	3,041
Jul-98	4	3,044
Aug-98	4	1,985

Expected Production

Hubbell # 3E

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
9/1/98		3,042		9/1/18		1,579
10/1/98		3,033		10/1/18		1,575
11/1/98		3,025		11/1/18		1,571
12/1/98		3,017		12/1/18		1,566
1/1/99		3,009		1/1/19		1,562
2/1/99		3,000		2/1/19		1,558
3/1/99		2,992		3/1/19		1,554
4/1/99		2,984		4/1/19		1,549
5/1/99		2,976		5/1/19		1,545
6/1/99		2,968		6/1/19		1,541
7/1/99		2,960		7/1/19		1,537
8/1/99		2,952		8/1/19		1,532
9/1/99		2,944		9/1/19		1,528
10/1/99		2,936		10/1/19		1,524
11/1/99		2,928		11/1/19		1,520
12/1/99		2,920		12/1/19		1,516
1/1/00		2,912		1/1/20		1,512
2/1/00		2,904		2/1/20		1,508
3/1/00		2,896		3/1/20		1,503
4/1/00		2,888		4/1/20		1,499
5/1/00		2,880		5/1/20		1,495
6/1/00		2,872		6/1/20		1,491
7/1/00		2,864		7/1/20		1,487
8/1/00		2,857		8/1/20		1,483
9/1/00		2,849		9/1/20		1,479
10/1/00		2,841		10/1/20		1,475
11/1/00		2,833		11/1/20		1,471
12/1/00		2,825		12/1/20		1,467
1/1/01		2,818		1/1/21		1,463
2/1/01		2,810		2/1/21		1,459
3/1/01		2,802		3/1/21		1,455
4/1/01		2,795		4/1/21		1,451
5/1/01		2,787		5/1/21		1,447
6/1/01		2,780		6/1/21		1,443
7/1/01		2,772		7/1/21		1,439
8/1/01		2,764		8/1/21		1,435
9/1/01		2,757		9/1/21		1,431
10/1/01		2,749		10/1/21		1,427
11/1/01		2,742		11/1/21		1,424
12/1/01		2,734		12/1/21		1,420
1/1/02		2,727		1/1/22		1,416
2/1/02		2,719		2/1/22		1,412
3/1/02		2,712		3/1/22		1,408
4/1/02		2,705		4/1/22		1,404
5/1/02		2,697		5/1/22		1,400
6/1/02		2,690		6/1/22		1,397
7/1/02		2,683		7/1/22		1,393
8/1/02		2,675		8/1/22		1,389

Expected Production

Hubbell # 3E

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
9/1/02		2,668		9/1/22		1,385
10/1/02		2,661		10/1/22		1,381
11/1/02		2,653		11/1/22		1,378
12/1/02		2,646		12/1/22		1,374
1/1/03		2,639		1/1/23		1,370
2/1/03		2,632		2/1/23		1,366
3/1/03		2,625		3/1/23		1,363
4/1/03		2,617		4/1/23		1,359
5/1/03		2,610		5/1/23		1,355
6/1/03		2,603		6/1/23		1,352
7/1/03		2,596		7/1/23		1,348
8/1/03		2,589		8/1/23		1,344
9/1/03		2,582		9/1/23		1,341
10/1/03		2,575		10/1/23		1,337
11/1/03		2,568		11/1/23		1,333
12/1/03		2,561		12/1/23		1,330
1/1/04		2,554		1/1/24		1,326
2/1/04		2,547		2/1/24		1,322
3/1/04		2,540		3/1/24		1,319
4/1/04		2,533		4/1/24		1,315
5/1/04		2,526		5/1/24		1,312
6/1/04		2,519		6/1/24		1,308
7/1/04		2,512		7/1/24		1,304
8/1/04		2,506		8/1/24		1,301
9/1/04		2,499		9/1/24		1,297
10/1/04		2,492		10/1/24		1,294
11/1/04		2,485		11/1/24		1,290
12/1/04		2,478		12/1/24		1,287
1/1/05		2,472		1/1/25		1,283
2/1/05		2,465		2/1/25		1,280
3/1/05		2,458		3/1/25		1,276
4/1/05		2,451		4/1/25		1,273
5/1/05		2,445		5/1/25		1,269
6/1/05		2,438		6/1/25		1,266
7/1/05		2,431		7/1/25		1,262
8/1/05		2,425		8/1/25		1,259
9/1/05		2,418		9/1/25		1,255
10/1/05		2,412		10/1/25		1,252
11/1/05		2,405		11/1/25		1,249
12/1/05		2,398		12/1/25		1,245
1/1/06		2,392		1/1/26		1,242
2/1/06		2,385		2/1/26		1,238
3/1/06		2,379		3/1/26		1,235
4/1/06		2,372		4/1/26		1,232
5/1/06		2,366		5/1/26		1,228
6/1/06		2,359		6/1/26		1,225
7/1/06		2,353		7/1/26		1,222
8/1/06		2,347		8/1/26		1,218

Expected Production

Hubbell # 3E

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
9/1/06		2,340		9/1/26		1,215
10/1/06		2,334		10/1/26		1,212
11/1/06		2,327		11/1/26		1,208
12/1/06		2,321		12/1/26		1,205
1/1/07		2,315		1/1/27		1,202
2/1/07		2,308		2/1/27		1,198
3/1/07		2,302		3/1/27		1,195
4/1/07		2,296		4/1/27		1,192
5/1/07		2,290		5/1/27		1,189
6/1/07		2,283		6/1/27		1,185
7/1/07		2,277		7/1/27		1,182
8/1/07		2,271		8/1/27		1,179
9/1/07		2,265		9/1/27		1,176
10/1/07		2,259		10/1/27		1,173
11/1/07		2,252		11/1/27		1,169
12/1/07		2,246		12/1/27		1,166
1/1/08		2,240		1/1/28		1,163
2/1/08		2,234		2/1/28		1,160
3/1/08		2,228		3/1/28		1,157
4/1/08		2,222		4/1/28		1,154
5/1/08		2,216		5/1/28		1,150
6/1/08		2,210		6/1/28		1,147
7/1/08		2,204		7/1/28		1,144
8/1/08		2,198		8/1/28		1,141
9/1/08		2,192		9/1/28		1,138
10/1/08		2,186		10/1/28		1,135
11/1/08		2,180		11/1/28		1,132
12/1/08		2,174		12/1/28		1,129
1/1/09		2,168		1/1/29		1,126
2/1/09		2,162		2/1/29		1,122
3/1/09		2,156		3/1/29		1,119
4/1/09		2,150		4/1/29		1,116
5/1/09		2,144		5/1/29		1,113
6/1/09		2,138		6/1/29		1,110
7/1/09		2,133		7/1/29		1,107
8/1/09		2,127		8/1/29		1,104
9/1/09		2,121		9/1/29		1,101
10/1/09		2,115		10/1/29		1,098
11/1/09		2,109		11/1/29		1,095
12/1/09		2,104		12/1/29		1,092
1/1/10		2,098		1/1/30		1,089
2/1/10		2,092		2/1/30		1,086
3/1/10		2,087		3/1/30		1,083
4/1/10		2,081		4/1/30		1,080
5/1/10		2,075		5/1/30		1,077
6/1/10		2,070		6/1/30		1,074
7/1/10		2,064		7/1/30		1,072
8/1/10		2,058		8/1/30		1,069

Expected Production

Hubbell # 3E

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
9/1/10		2,053		9/1/30		1,066
10/1/10		2,047		10/1/30		1,063
11/1/10		2,041		11/1/30		1,060
12/1/10		2,036		12/1/30		1,057
1/1/11		2,030		1/1/31		1,054
2/1/11		2,025		2/1/31		1,051
3/1/11		2,019		3/1/31		1,048
4/1/11		2,014		4/1/31		1,046
5/1/11		2,008		5/1/31		1,043
6/1/11		2,003		6/1/31		1,040
7/1/11		1,997		7/1/31		1,037
8/1/11		1,992		8/1/31		1,034
9/1/11		1,986		9/1/31		1,031
10/1/11		1,981		10/1/31		1,029
11/1/11		1,976		11/1/31		1,026
12/1/11		1,970		12/1/31		1,023
1/1/12		1,965		1/1/32		1,020
2/1/12		1,959		2/1/32		1,017
3/1/12		1,954		3/1/32		1,015
4/1/12		1,949		4/1/32		1,012
5/1/12		1,944		5/1/32		1,009
6/1/12		1,938		6/1/32		1,006
7/1/12		1,933		7/1/32		1,004
8/1/12		1,928		8/1/32		1,001
9/1/12		1,922		9/1/32		998
10/1/12		1,917		10/1/32		995
11/1/12		1,912		11/1/32		993
12/1/12		1,907		12/1/32		990
1/1/13		1,902		1/1/33		987
2/1/13		1,896		2/1/33		985
3/1/13		1,891		3/1/33		982
4/1/13		1,886		4/1/33		979
5/1/13		1,881		5/1/33		977
6/1/13		1,876		6/1/33		974
7/1/13		1,871		7/1/33		971
8/1/13		1,865		8/1/33		969
9/1/13		1,860		9/1/33		966
10/1/13		1,855		10/1/33		963
11/1/13		1,850		11/1/33		961
12/1/13		1,845		12/1/33		958
1/1/14		1,840		1/1/34		955
2/1/14		1,835		2/1/34		953
3/1/14		1,830		3/1/34		950
4/1/14		1,825		4/1/34		948
5/1/14		1,820		5/1/34		945
6/1/14		1,815		6/1/34		942
7/1/14		1,810		7/1/34		940
8/1/14		1,805		8/1/34		937

Expected Production

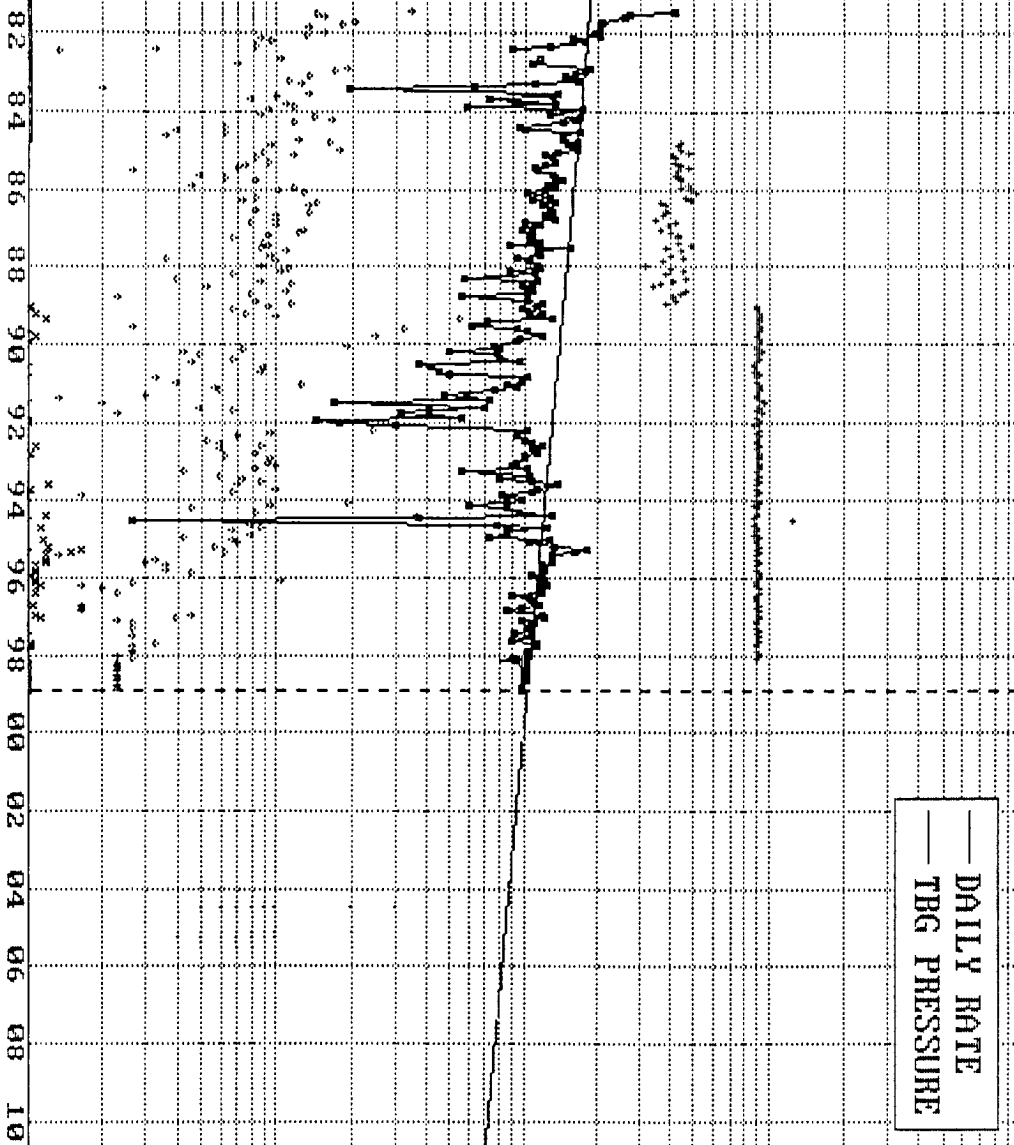
Hubbell # 3E

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
9/1/14		1,800		9/1/34		935
10/1/14		1,796		10/1/34		932
11/1/14		1,791		11/1/34		930
12/1/14		1,786		12/1/34		927
1/1/15		1,781		1/1/35		925
2/1/15		1,776		2/1/35		922
3/1/15		1,771		3/1/35		920
4/1/15		1,766		4/1/35		917
5/1/15		1,762		5/1/35		915
6/1/15		1,757		6/1/35		912
7/1/15		1,752		7/1/35		910
8/1/15		1,747		8/1/35		907
9/1/15		1,742		9/1/35		905
10/1/15		1,738		10/1/35		902
11/1/15		1,733		11/1/35		900
12/1/15		1,728		12/1/35		897
1/1/16		1,723		1/1/36		895
2/1/16		1,719		2/1/36		892
3/1/16		1,714		3/1/36		890
4/1/16		1,709		4/1/36		887
5/1/16		1,705		5/1/36		885
6/1/16		1,700		6/1/36		883
7/1/16		1,695		7/1/36		880
8/1/16		1,691		8/1/36		878
9/1/16		1,686		9/1/36		875
10/1/16		1,682		10/1/36		873
11/1/16		1,677		11/1/36		871
12/1/16		1,672		12/1/36		868
1/1/17		1,668		1/1/37		866
2/1/17		1,663		2/1/37		864
3/1/17		1,659		3/1/37		861
4/1/17		1,654		4/1/37		859
5/1/17		1,650		5/1/37		857
6/1/17		1,645		6/1/37		854
7/1/17		1,641		7/1/37		852
8/1/17		1,636		8/1/37		850
9/1/17		1,632		9/1/37		847
10/1/17		1,627		10/1/37		845
11/1/17		1,623		11/1/37		843
12/1/17		1,619		12/1/37		840
1/1/18		1,614		1/1/38		838
2/1/18		1,610		2/1/38		836
3/1/18		1,605		3/1/38		833
4/1/18		1,601		4/1/38		831
5/1/18		1,597		5/1/38		829
6/1/18		1,592		6/1/38		827
7/1/18		1,588		7/1/38		824
8/1/18		1,584		8/1/38		822

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

Expected Production before workover

HUBBELL 1 3E 1 50553A-1



— DAILY RATE
— TBG PRESSURE

Prop 10103 *

• WATER Bbls/d

Major = GAS