

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

RECEIVED
SEP 11 1998
OIL CON. DIV.
DIST. 8

Form C-140
Originated 11/1/95

Submit Original
Plus 2 Copies
to appropriate
District Office

**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: COOPER B 1 API #: 300450855100

Location of Well:

Unit Letter: H 1850' FNL & 790' FEL Section: 07

Township: 029N Range: 011W NMPM, SAN JUAN County.

III. Date Workover Procedures Commenced: 1/98

Date Workover Procedures were Completed: 1/98

IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.
CASING REPAIR

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:
BASIN DAKOTA

VII. **AFFIDAVIT:**

State of New Mexico)
)ss.
County of San Juan)

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 9th day of Sept, 19 98.

Mae Benallygn
Notary Public

My Commission expires: June 9, 1999

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:

1/30, 19 98.

District Supervisor, District 2
Oil Conservation Division

Date: 11/10/98

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
21M

Sundry Notices and Reports on Wells

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

1850' FNL, 790' FEL, Sec. 7, T-29-N, R-11-W, NMPM

5. Lease Number
SF-078813

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Cooper B #1

9. API Well No.
30-045-08551

10. Field and Pool
Basin Dakota

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 -

13. Describe Proposed or Completed Operations

1-26-98 MIRU. ND WH. NU BOP. TIH, tag fill. TOOH w/204 jts 2 3/8" tbq. TIH w/4 1/2" watermelon mill to 6495'. TOOH. TIH w/4 1/2" pkr & RBP; set RBP @ 6308'. SDON.

1-27-98 Roll hole w/20 bbl wtr. PT csg to 750 psi, failed. Set pkr @ 6245'. PT RBP to 750 psi, OK. Release pkr. Roll hole w/70 bbl wtr. Made multiple tool settings. Located csg leak between 3864-3894'. Establish injection. TIH, spot sd on RBP. TOOH, reset pkr @ 3501'. Establish injection. Pump 120 sx Class "G" neat cmt w/2% calcium chloride. Displace w/16 bbl wtr. Sqz to 1000 psi. WOC. SDON.

1-28-98 Release pkr, TOOH. TIH w/3 7/8" bit to TOC @ 3680'. Circ hole clean. Drill cmt @ 3680-3912'. Circ hole clean. Load hole w/wtr. PT 4 1/2" csg to 500 psi/15 min, OK. TOOH. SDON.

1-29-98 TIH w/retrieving tool. Circ hole clean. Latch RBP, TOOH. SDON.

1-30-98 Blow well & CO. TIH w/204 jts 2 3/8" 4.7# J-55 EUE tbq, landed @ 6432'. ND BOP. NU WH. Circ hole clean. RD. Rig released.

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

Signed *Regina B. Bland* Title Regulatory Administrator Date 2/15/98

(This space for Federal or State Office use)

APPROVED BY

Title

Date

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

OPERATOR

FEB 18 1998

FARMINGTON DISTRICT OFFICE

Expected production before workover

COOPER B : 1 : 9800

Prop 158 *

• OIL
• WATER/GAS
• GAS
• WATER

100
1000
1000
1000

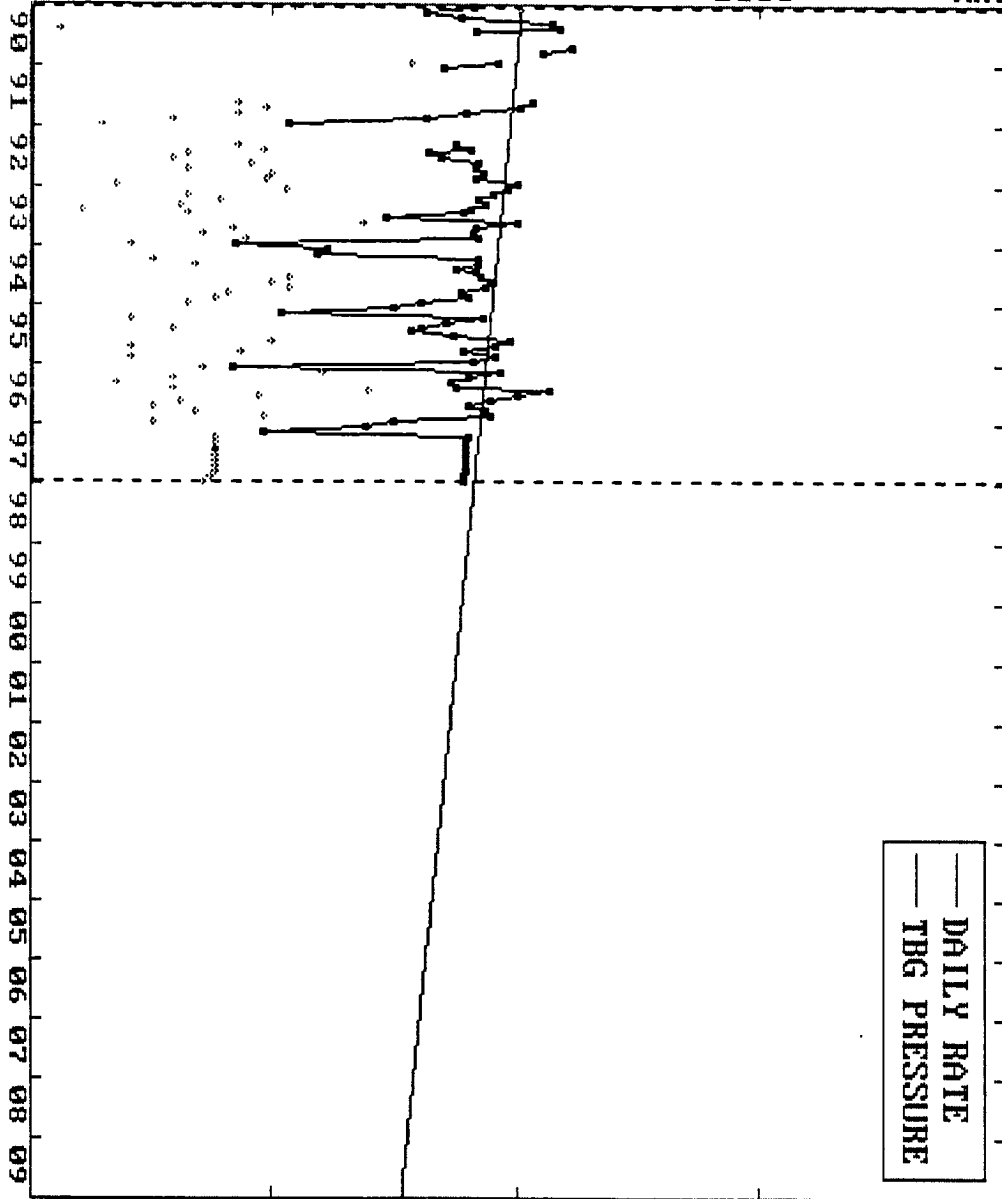
10
100
100
100

1
10
10
10

0.1
1
1
1

— DAILY RATE
— TBG PRESSURE

☐ • WATER Bbls/d
☒ • GAS Mcf/d
☐ • WATER/GAS
☐ • OIL Bbl/d
☒ RateTime
☒ Semi Log



Browsing: COOPER B | 1 | 9800
Table(P): PRODUCT/M,P,H,E,T,Z,C,
Item: 2/18/19 Name: DA

--DATE--	----OIL----	----GAS----
	Bbl	Mcf
10/31/96	15	2265
11/30/96	28	2351
12/31/96	10	942
01/31/97	1	719
02/28/97	0	279
03/31/97	18	1898
04/30/97	18	1891
05/31/97	18	1885
06/30/97	18	1878
07/31/97	18	1872
08/31/97	18	1866
09/30/97	18	1859
10/31/97	18	1853
11/30/97	17	1847
12/31/97	16	1840

Expected Production

Cooper # 1

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/98		2,032		1/1/18		664
2/1/98		2,022		2/1/18		661
3/1/98		2,013		3/1/18		658
4/1/98		2,004		4/1/18		655
5/1/98		1,994		5/1/18		652
6/1/98		1,985		6/1/18		649
7/1/98		1,976		7/1/18		646
8/1/98		1,967		8/1/18		643
9/1/98		1,957		9/1/18		640
10/1/98		1,948		10/1/18		637
11/1/98		1,939		11/1/18		634
12/1/98		1,930		12/1/18		631
1/1/99		1,921		1/1/19		628
2/1/99		1,912		2/1/19		625
3/1/99		1,904		3/1/19		622
4/1/99		1,895		4/1/19		619
5/1/99		1,886		5/1/19		616
6/1/99		1,877		6/1/19		613
7/1/99		1,868		7/1/19		610
8/1/99		1,860		8/1/19		608
9/1/99		1,851		9/1/19		605
10/1/99		1,842		10/1/19		602
11/1/99		1,834		11/1/19		599
12/1/99		1,825		12/1/19		596
1/1/00		1,817		1/1/20		594
2/1/00		1,808		2/1/20		591
3/1/00		1,800		3/1/20		588
4/1/00		1,792		4/1/20		585
5/1/00		1,783		5/1/20		583
6/1/00		1,775		6/1/20		580
7/1/00		1,767		7/1/20		577
8/1/00		1,759		8/1/20		575
9/1/00		1,750		9/1/20		572
10/1/00		1,742		10/1/20		569
11/1/00		1,734		11/1/20		567
12/1/00		1,726		12/1/20		564
1/1/01		1,718		1/1/21		561
2/1/01		1,710		2/1/21		559
3/1/01		1,702		3/1/21		556
4/1/01		1,694		4/1/21		554
5/1/01		1,686		5/1/21		551
6/1/01		1,678		6/1/21		548
7/1/01		1,671		7/1/21		546
8/1/01		1,663		8/1/21		543
9/1/01		1,655		9/1/21		541
10/1/01		1,647		10/1/21		538
11/1/01		1,640		11/1/21		536
12/1/01		1,632		12/1/21		533

Expected Production

Cooper # 1

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/02		1,625		1/1/22		531
2/1/02		1,617		2/1/22		528
3/1/02		1,609		3/1/22		526
4/1/02		1,602		4/1/22		523
5/1/02		1,595		5/1/22		521
6/1/02		1,587		6/1/22		519
7/1/02		1,580		7/1/22		516
8/1/02		1,572		8/1/22		514
9/1/02		1,565		9/1/22		511
10/1/02		1,558		10/1/22		509
11/1/02		1,551		11/1/22		507
12/1/02		1,543		12/1/22		504
1/1/03		1,536		1/1/23		502
2/1/03		1,529		2/1/23		500
3/1/03		1,522		3/1/23		497
4/1/03		1,515		4/1/23		495
5/1/03		1,508		5/1/23		493
6/1/03		1,501		6/1/23		490
7/1/03		1,494		7/1/23		488
8/1/03		1,487		8/1/23		486
9/1/03		1,480		9/1/23		484
10/1/03		1,473		10/1/23		481
11/1/03		1,466		11/1/23		479
12/1/03		1,459		12/1/23		477
1/1/04		1,453		1/1/24		475
2/1/04		1,446		2/1/24		472
3/1/04		1,439		3/1/24		470
4/1/04		1,432		4/1/24		468
5/1/04		1,426		5/1/24		466
6/1/04		1,419		6/1/24		464
7/1/04		1,413		7/1/24		462
8/1/04		1,406		8/1/24		459
9/1/04		1,399		9/1/24		457
10/1/04		1,393		10/1/24		455
11/1/04		1,386		11/1/24		453
12/1/04		1,380		12/1/24		451
1/1/05		1,374		1/1/25		449
2/1/05		1,367		2/1/25		447
3/1/05		1,361		3/1/25		445
4/1/05		1,355		4/1/25		443
5/1/05		1,348		5/1/25		441
6/1/05		1,342		6/1/25		438
7/1/05		1,336		7/1/25		436
8/1/05		1,330		8/1/25		434
9/1/05		1,323		9/1/25		432
10/1/05		1,317		10/1/25		430
11/1/05		1,311		11/1/25		428
12/1/05		1,305		12/1/25		426

Expected Production

Cooper # 1

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/06		1,299		1/1/26		424
2/1/06		1,293		2/1/26		422
3/1/06		1,287		3/1/26		420
4/1/06		1,281		4/1/26		419
5/1/06		1,275		5/1/26		417
6/1/06		1,269		6/1/26		415
7/1/06		1,263		7/1/26		413
8/1/06		1,257		8/1/26		411
9/1/06		1,251		9/1/26		409
10/1/06		1,246		10/1/26		407
11/1/06		1,240		11/1/26		405
12/1/06		1,234		12/1/26		403
1/1/07		1,228		1/1/27		401
2/1/07		1,223		2/1/27		399
3/1/07		1,217		3/1/27		398
4/1/07		1,211		4/1/27		396
5/1/07		1,206		5/1/27		394
6/1/07		1,200		6/1/27		392
7/1/07		1,194		7/1/27		390
8/1/07		1,189		8/1/27		388
9/1/07		1,183		9/1/27		387
10/1/07		1,178		10/1/27		385
11/1/07		1,172		11/1/27		383
12/1/07		1,167		12/1/27		381
1/1/08		1,161		1/1/28		379
2/1/08		1,156		2/1/28		378
3/1/08		1,151		3/1/28		376
4/1/08		1,145		4/1/28		374
5/1/08		1,140		5/1/28		372
6/1/08		1,135		6/1/28		371
7/1/08		1,129		7/1/28		369
8/1/08		1,124		8/1/28		367
9/1/08		1,119		9/1/28		366
10/1/08		1,114		10/1/28		364
11/1/08		1,109		11/1/28		362
12/1/08		1,103		12/1/28		361
1/1/09		1,098		1/1/29		359
2/1/09		1,093		2/1/29		357
3/1/09		1,088		3/1/29		356
4/1/09		1,083		4/1/29		354
5/1/09		1,078		5/1/29		352
6/1/09		1,073		6/1/29		351
7/1/09		1,068		7/1/29		349
8/1/09		1,063		8/1/29		347
9/1/09		1,058		9/1/29		346
10/1/09		1,053		10/1/29		344
11/1/09		1,048		11/1/29		342
12/1/09		1,043		12/1/29		341

Expected Production

Cooper # 1

<u>Month</u>	<u>BBL</u>	<u>MCF</u>	<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/10		1,039	1/1/30		339
2/1/10		1,034	2/1/30		338
3/1/10		1,029	3/1/30		336
4/1/10		1,024	4/1/30		335
5/1/10		1,019	5/1/30		333
6/1/10		1,015	6/1/30		332
7/1/10		1,010	7/1/30		330
8/1/10		1,005	8/1/30		328
9/1/10		1,001	9/1/30		327
10/1/10		996	10/1/30		325
11/1/10		991	11/1/30		324
12/1/10		987	12/1/30		322
1/1/11		982	1/1/31		321
2/1/11		977	2/1/31		319
3/1/11		973	3/1/31		318
4/1/11		968	4/1/31		316
5/1/11		964	5/1/31		315
6/1/11		959	6/1/31		313
7/1/11		955	7/1/31		312
8/1/11		950	8/1/31		311
9/1/11		946	9/1/31		309
10/1/11		942	10/1/31		308
11/1/11		937	11/1/31		306
12/1/11		933	12/1/31		305
1/1/12		929	1/1/32		303
2/1/12		924	2/1/32		302
3/1/12		920	3/1/32		301
4/1/12		916	4/1/32		299
5/1/12		911	5/1/32		298
6/1/12		907	6/1/32		296
7/1/12		903	7/1/32		295
8/1/12		899	8/1/32		294
9/1/12		895	9/1/32		292
10/1/12		890	10/1/32		291
11/1/12		886	11/1/32		290
12/1/12		882	12/1/32		288
1/1/13		878	1/1/33		287
2/1/13		874	2/1/33		286
3/1/13		870	3/1/33		284
4/1/13		866	4/1/33		283
5/1/13		862	5/1/33		282
6/1/13		858	6/1/33		280
7/1/13		854	7/1/33		279
8/1/13		850	8/1/33		278
9/1/13		846	9/1/33		276
10/1/13		842	10/1/33		275
11/1/13		838	11/1/33		274
12/1/13		834	12/1/33		273

Expechied Production

Cooper # 1

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/14		830		1/1/34		271
2/1/14		826		2/1/34		270
3/1/14		823		3/1/34		269
4/1/14		819		4/1/34		268
5/1/14		815		5/1/34		266
6/1/14		811		6/1/34		265
7/1/14		807		7/1/34		264
8/1/14		804		8/1/34		263
9/1/14		800		9/1/34		261
10/1/14		796		10/1/34		260
11/1/14		793		11/1/34		259
12/1/14		789		12/1/34		258
1/1/15		785		1/1/35		257
2/1/15		782		2/1/35		255
3/1/15		778		3/1/35		254
4/1/15		774		4/1/35		253
5/1/15		771		5/1/35		252
6/1/15		767		6/1/35		251
7/1/15		764		7/1/35		249
8/1/15		760		8/1/35		248
9/1/15		756		9/1/35		247
10/1/15		753		10/1/35		246
11/1/15		749		11/1/35		245
12/1/15		746		12/1/35		244
1/1/16		742		1/1/36		243
2/1/16		739		2/1/36		241
3/1/16		736		3/1/36		240
4/1/16		732		4/1/36		239
5/1/16		729		5/1/36		238
6/1/16		725		6/1/36		237
7/1/16		722		7/1/36		236
8/1/16		719		8/1/36		235
9/1/16		715		9/1/36		234
10/1/16		712		10/1/36		233
11/1/16		709		11/1/36		232
12/1/16		705		12/1/36		230
1/1/17		702		1/1/37		229
2/1/17		699		2/1/37		228
3/1/17		696		3/1/37		227
4/1/17		692		4/1/37		226
5/1/17		689		5/1/37		225
6/1/17		686		6/1/37		224
7/1/17		683		7/1/37		223
8/1/17		680		8/1/37		222
9/1/17		676		9/1/37		221
10/1/17		673		10/1/37		220
11/1/17		670		11/1/37		219
12/1/17		667		12/1/37		218