

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 11/4/95

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: HUERFANO UNIT 94 API #: 300450572800

Location of Well:

Unit Letter: P 990' FSL 1090' FEL Section: 22

Township: 026N Range: 009W NMPM, SAN JUAN County.

III. Date Workover Procedures Commenced: 2/99

Date Workover Procedures were Completed: 2/99

IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.
CASED HOLE 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:
BALLARD 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 3rd day of June, 19 99.

Mae Benallygn
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:

2/17, 19 99.

35.5
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

Sundry Notices and Reports on Wells

63 MAR - 1 PM 2:19

670 PM 11:50 AM

1. Type of Well
GAS

Lease Number
SF-080127
6. If Indian, All. or
Tribe Name

2. Name of Operator

7. Unit Agreement Name
Huerfano Unit

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well Name & Number
Huerfano Unit #94

9. API Well No.
30-045-05728

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

990' FSL, 1090' FEL, Sec. 22, T-26-N, R-9-W, NMPM

10. Field and Pool
Ballard 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

2-9-99 MIRU. ND WH. NU BOP. TOOH w/1 1/4" tbg. TIH w/4 1/4" bit, tag up @ 2053'.
CO w/air to 2063'. TOOH w/bit. TIH w/fullbore pkr, set @ 1922'. PT
5 1/2" csg & pkr to 500 psi/15 min. SDON.

2-10-99 Frac PC w/404 bbl 70Q 20# linear gel, 200,000# 20/40 AZ snd, 420,000 SCF N2.
Flow back well.

2-11-99 Rls pkr & TOOH. TIH, tag up @ 1918'. CO to PBTD @ 2153'. Blow well & CO.

2-12/15-99 Alternate blow well & CO & flow naturally.

2-16-99 CO to PBTD. Flow well naturally. TOOH. TIH w/62 jts 1 1/4" 2.9# J-55 EUE
Tbg, set @ 2016'. ND BOP. NU WH. RD. Rig released.

2-17-99 Well turned over to production.

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

Signed [Signature] Title Regulatory Administrator Date 2/26/99

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

MAR 08 1999

0.1
0.001

1
0.01

10
0.1

100
1

• OIL
• WATER/GAS

1

10

100

1000

• GAS

1

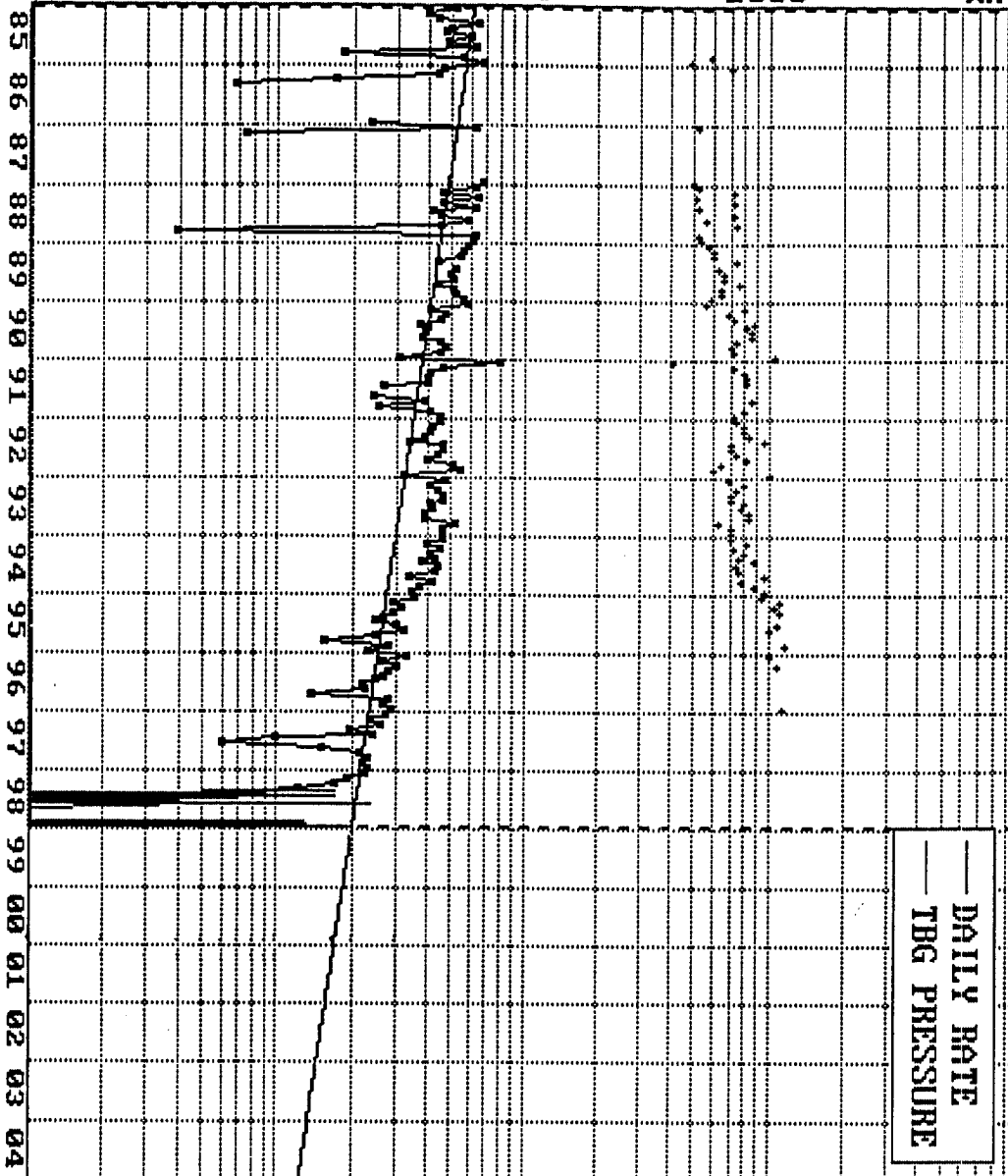
10

100

1000

• WATER

Expected Production before workover
HUERFANO UNIT : 94 : 51159A-1



— DAILY RATE
— TBG PRESSURE

Prop 156 *

Major = GAS

Browsing: HUERFANO UNIT | 94 |
Table(P): PRODUCT/M,P,H,E,T,Z,
Item: 2/18/19 Name: D

--DATE--	----OIL----	----GAS----
	Bbl	Mcf
10/31/97	716	
11/30/97	674	
12/31/97	706	
01/31/98	698	
02/28/98	584	
03/31/98	525	
04/30/98	371	
05/31/98	183	
06/30/98	106	
07/31/98	84	
08/31/98	4	
09/30/98	14	
10/31/98	12	

Expected Production

Huerfano Unit # 94

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
2/1/99		611		2/1/19		131
3/1/99		607		3/1/19		130
4/1/99		604		4/1/19		129
5/1/99		600		5/1/19		128
6/1/99		596		6/1/19		127
7/1/99		592		7/1/19		127
8/1/99		588		8/1/19		126
9/1/99		584		9/1/19		125
10/1/99		581		10/1/19		124
11/1/99		577		11/1/19		123
12/1/99		573		12/1/19		123
1/1/00		570		1/1/20		122
2/1/00		566		2/1/20		121
3/1/00		562		3/1/20		120
4/1/00		559		4/1/20		119
5/1/00		555		5/1/20		119
6/1/00		552		6/1/20		118
7/1/00		548		7/1/20		117
8/1/00		545		8/1/20		116
9/1/00		541		9/1/20		116
10/1/00		538		10/1/20		115
11/1/00		534		11/1/20		114
12/1/00		531		12/1/20		113
1/1/01		527		1/1/21		113
2/1/01		524		2/1/21		112
3/1/01		521		3/1/21		111
4/1/01		517		4/1/21		111
5/1/01		514		5/1/21		110
6/1/01		511		6/1/21		109
7/1/01		507		7/1/21		108
8/1/01		504		8/1/21		108
9/1/01		501		9/1/21		107
10/1/01		498		10/1/21		106
11/1/01		494		11/1/21		106
12/1/01		491		12/1/21		105
1/1/02		488		1/1/22		104
2/1/02		485		2/1/22		104
3/1/02		482		3/1/22		103
4/1/02		479		4/1/22		102
5/1/02		476		5/1/22		102
6/1/02		473		6/1/22		101
7/1/02		470		7/1/22		100
8/1/02		467		8/1/22		100
9/1/02		464		9/1/22		99
10/1/02		461		10/1/22		98
11/1/02		458		11/1/22		98
12/1/02		455		12/1/22		97
1/1/03		452		1/1/23		97

Expected Production

Huerfano Unit # 94

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
2/1/03		449		2/1/23		96
3/1/03		446		3/1/23		95
4/1/03		443		4/1/23		95
5/1/03		440		5/1/23		94
6/1/03		438		6/1/23		94
7/1/03		435		7/1/23		93
8/1/03		432		8/1/23		92
9/1/03		429		9/1/23		92
10/1/03		427		10/1/23		91
11/1/03		424		11/1/23		91
12/1/03		421		12/1/23		90
1/1/04		418		1/1/24		89
2/1/04		416		2/1/24		89
3/1/04		413		3/1/24		88
4/1/04		410		4/1/24		88
5/1/04		408		5/1/24		87
6/1/04		405		6/1/24		87
7/1/04		403		7/1/24		86
8/1/04		400		8/1/24		85
9/1/04		397		9/1/24		85
10/1/04		395		10/1/24		84
11/1/04		392		11/1/24		84
12/1/04		390		12/1/24		83
1/1/05		387		1/1/25		83
2/1/05		385		2/1/25		82
3/1/05		382		3/1/25		82
4/1/05		380		4/1/25		81
5/1/05		377		5/1/25		81
6/1/05		375		6/1/25		80
7/1/05		373		7/1/25		80
8/1/05		370		8/1/25		79
9/1/05		368		9/1/25		79
10/1/05		366		10/1/25		78
11/1/05		363		11/1/25		78
12/1/05		361		12/1/25		77
1/1/06		359		1/1/26		77
2/1/06		356		2/1/26		76
3/1/06		354		3/1/26		76
4/1/06		352		4/1/26		75
5/1/06		349		5/1/26		75
6/1/06		347		6/1/26		74
7/1/06		345		7/1/26		74
8/1/06		343		8/1/26		73
9/1/06		341		9/1/26		73
10/1/06		338		10/1/26		72
11/1/06		336		11/1/26		72
12/1/06		334		12/1/26		71
1/1/07		332		1/1/27		71

Expected Production

Huerfano Unit # 94

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
2/1/07		330		2/1/27		70
3/1/07		328		3/1/27		70
4/1/07		326		4/1/27		70
5/1/07		323		5/1/27		69
6/1/07		321		6/1/27		69
7/1/07		319		7/1/27		68
8/1/07		317		8/1/27		68
9/1/07		315		9/1/27		67
10/1/07		313		10/1/27		67
11/1/07		311		11/1/27		67
12/1/07		309		12/1/27		66
1/1/08		307		1/1/28		66
2/1/08		305		2/1/28		65
3/1/08		303		3/1/28		65
4/1/08		301		4/1/28		64
5/1/08		299		5/1/28		64
6/1/08		298		6/1/28		64
7/1/08		296		7/1/28		63
8/1/08		294		8/1/28		63
9/1/08		292		9/1/28		62
10/1/08		290		10/1/28		62
11/1/08		288		11/1/28		62
12/1/08		286		12/1/28		61
1/1/09		284		1/1/29		61
2/1/09		283		2/1/29		60
3/1/09		281		3/1/29		60
4/1/09		279		4/1/29		60
5/1/09		277		5/1/29		59
6/1/09		275		6/1/29		59
7/1/09		274		7/1/29		58
8/1/09		272		8/1/29		58
9/1/09		270		9/1/29		58
10/1/09		268		10/1/29		57
11/1/09		267		11/1/29		57
12/1/09		265		12/1/29		57
1/1/10		263		1/1/30		56
2/1/10		262		2/1/30		56
3/1/10		260		3/1/30		56
4/1/10		258		4/1/30		55
5/1/10		257		5/1/30		55
6/1/10		255		6/1/30		54
7/1/10		253		7/1/30		54
8/1/10		252		8/1/30		54
9/1/10		250		9/1/30		53
10/1/10		249		10/1/30		53
11/1/10		247		11/1/30		53
12/1/10		245		12/1/30		52
1/1/11		244		1/1/31		52

Expected Production

Huerfano Unit # 94

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
2/1/11		242		2/1/31		52
3/1/11		241		3/1/31		51
4/1/11		239		4/1/31		51
5/1/11		238		5/1/31		51
6/1/11		236		6/1/31		50
7/1/11		235		7/1/31		50
8/1/11		233		8/1/31		50
9/1/11		232		9/1/31		49
10/1/11		230		10/1/31		49
11/1/11		229		11/1/31		49
12/1/11		227		12/1/31		49
1/1/12		226		1/1/32		48
2/1/12		224		2/1/32		48
3/1/12		223		3/1/32		48
4/1/12		221		4/1/32		47
5/1/12		220		5/1/32		47
6/1/12		219		6/1/32		47
7/1/12		217		7/1/32		46
8/1/12		216		8/1/32		46
9/1/12		214		9/1/32		46
10/1/12		213		10/1/32		46
11/1/12		212		11/1/32		45
12/1/12		210		12/1/32		45
1/1/13		209		1/1/33		45
2/1/13		208		2/1/33		44
3/1/13		206		3/1/33		44
4/1/13		205		4/1/33		44
5/1/13		204		5/1/33		44
6/1/13		202		6/1/33		43
7/1/13		201		7/1/33		43
8/1/13		200		8/1/33		43
9/1/13		198		9/1/33		42
10/1/13		197		10/1/33		42
11/1/13		196		11/1/33		42
12/1/13		195		12/1/33		42
1/1/14		193		1/1/34		41
2/1/14		192		2/1/34		41
3/1/14		191		3/1/34		41
4/1/14		190		4/1/34		41
5/1/14		188		5/1/34		40
6/1/14		187		6/1/34		40
7/1/14		186		7/1/34		40
8/1/14		185		8/1/34		40
9/1/14		184		9/1/34		39
10/1/14		183		10/1/34		39
11/1/14		181		11/1/34		39
12/1/14		180		12/1/34		39
1/1/15		179		1/1/35		38