

District I - (505) 393-6161

P. O. Box 1980
Hobbs, NM 88241-1980

District II - (505) 748-1233

311 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
AUG 5 1998

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:	HUERFANITO UNIT	30	API #:	300450609700
	Location of Well:				
	Unit Letter:	P	990'S 1190'E	Section:	35
	Township:	027N	Range:	009W	NMPM, SAN JUAN County.
III.	Date the Production Restoration Project was commenced:	1,98			
	Date the Well was returned to production:	3,98			
IV.	Attach a description of the Workover Procedures undertaken to increase the production from the Well. RE-STIMULATION				
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	)		
			)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 personal knowledge of the facts contained in this Application for Qualification of a Production Restoration Project.
3. The data utilized to prepare this application is complete and correct.

(Name)

Regulatory/Compliance Administrator

(Title)

SUBSCRIBED AND SWORN TO before me this 31st day of July, 19 98.

Mae Fienallym
Notary Public

My Commission expires: June 1999

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

NO
This application for Qualification of a ~~Production Restoration~~ Project is hereby approved and the above referenced Well is designated as a ~~Production Restoration~~ 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 production was restored in this ~~Production Restoration~~ Project on:

3/11, 19 98.

3
District Supervisor, District
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

Sundry Notices and Reports on Wells

RECEIVED
98 MAR 16 PM 3:35
070 FARMINGTON, NM

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

990' FSL, 1190' FEL, Sec. 35, T-27-N, R-9-W, NMPM

TX-276

5. Lease Number
SF-078135

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

Huerfanito Unit

8. Well Name & Number

Huerfanito Unit #30

9. API Well No.

30-045-06097

10. Field and Pool

Ballard Pict. Cliffs

11. County and State

San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other - Restimulate

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

1-20-98 MIRU. ND WH. NU BOP. TOO H w/101 jts 1" tbg. Left 1 jt tbg in hole. TIH w/4 3/4" mill to 2066'. SDON.

1-21-98 Mill to 2116'. Establish circ. Mill to 2162'. SDON.

1-22-98 TOO H w/mill. TIH w/4 3/4" mill. Mill to new TD @ 2220'. Circ hole clean. SDON.

1-23-98 Blow well & CO. TOO H w/mill. TIH w/72 jts 3 1/2" 9.2# J-55 csg, set @ 2211'. Cmt d w/85 sx Class "G" cmt w/2% Econolite, 6 pps Gilsonite, 0.25 pps Flocele (178 cu.ft.). Tailed w/50 sx Class "G" cmt w/1% Econolite, 6 pps Gilsonite, 0.25 pps Flocele (74 cu.ft.). Tailed w/50 sx Class "G" neat cmt w/2% calcium chloride (59 cu.ft.). WOC. ND BOP. NU WH. RD. Rig released.

2-9-98 MIRU. PT 3 1/2" csg to 5000 psi, OK. Perf Pictured Cliffs w/1 SPF @ 2073, 2075, 2080, 2087, 2092, 2095, 2099, 2103, 2108, 2111, 2114, 2117, 2127, 2129, 2135, 2143, 2148, 2157' w/18 0.29" diameter holes total. Acidize w/500 gal 15% Hcl. SD.

2-11-98 Frac Pictured Cliffs w/525 bbl 20# linear gel, 290,000# 20/40 Arizona sd, 570,000 SCF N2. CO after frac. SD.

2-12/13-98 Blow well & CO. SDON.

2-14/15-98 SD.

2-16/28-98 Blow well & CO. SDON.

3-10-98 Blow well & CO. SDON.

3-11-98 Blow well & CO. RD. Rig released.

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

Signed [Signature] Title Regulatory Administrator Date 3/14/98

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD
Date _____

MAR 26 1998

FARMINGTON DISTRICT OFFICE

BY _____

Page No.: 7

Print Time: Thu Jul 09 11:49:23 1998

Property ID: 17

Property Name: HUERFANITO UNIT | 30 | 49436A

Table Name: Q:\ARIES\FD98PCRS\PRODUCT.DBF

--DATE--	----	OIL----	----	GAS----	----	WATER---
.....		Bbl.....		Mcf.....		Bols.....

01/31/97	107
02/28/97	56
03/31/97	148
04/30/97	157
05/31/97	181
06/30/97	123
07/31/97	127
08/31/97	89
09/30/97	72
10/31/97	184
11/30/97	1
12/31/97	107

Expected Production Before Workover

HUERFANITO UNIT : 30 : 49436A

Prop 17 *

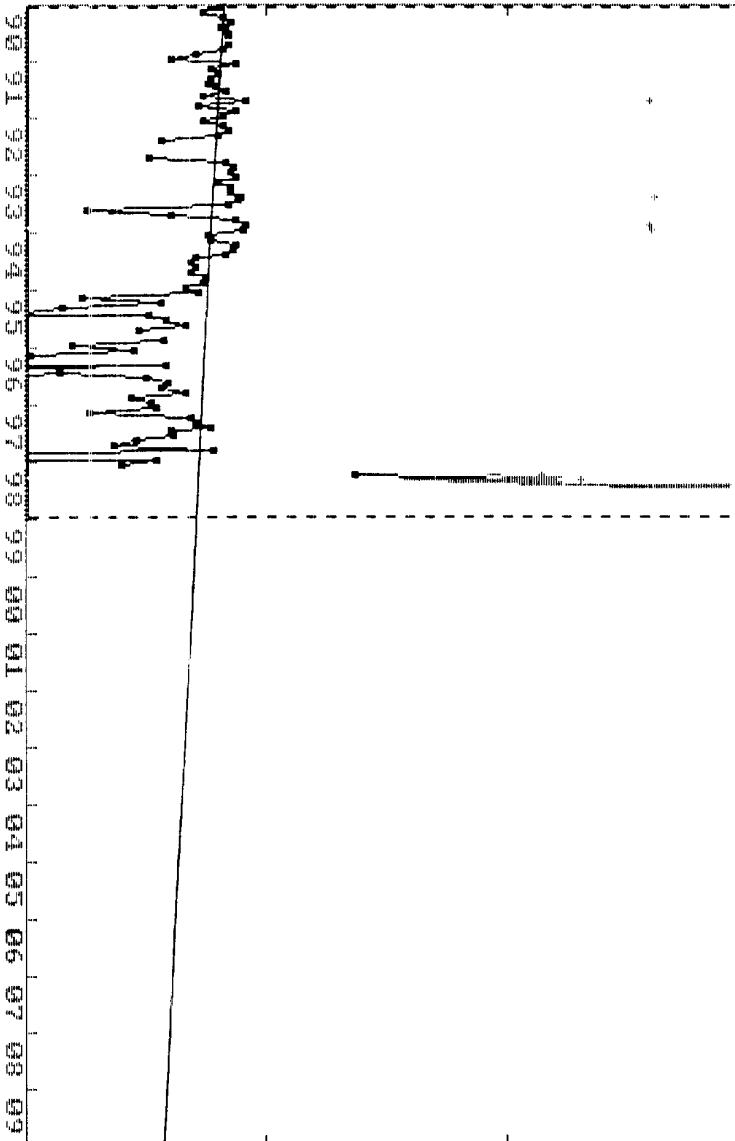
* OIL
* WATER/GAS
* GAS
* WATER

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

☒ RateTime
☒ Semi Log

— DAILY RATE
- TDG PRESSURE

0.1 1 10 100
0.01 0.1 1 10 100 1000 10000



Major = GAS

Expected Production

Huerfanito Unit # 30

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
3/1/98		152		3/1/18		49
4/1/98		151		4/1/18		49
5/1/98		151		5/1/18		49
6/1/98		150		6/1/18		49
7/1/98		149		7/1/18		49
8/1/98		149		8/1/18		48
9/1/98		148		9/1/18		48
10/1/98		147		10/1/18		48
11/1/98		146		11/1/18		48
12/1/98		146		12/1/18		47
1/1/99		145		1/1/19		47
2/1/99		144		2/1/19		47
3/1/99		144		3/1/19		47
4/1/99		143		4/1/19		47
5/1/99		142		5/1/19		46
6/1/99		142		6/1/19		46
7/1/99		141		7/1/19		46
8/1/99		140		8/1/19		46
9/1/99		140		9/1/19		45
10/1/99		139		10/1/19		45
11/1/99		139		11/1/19		45
12/1/99		138		12/1/19		45
1/1/00		137		1/1/20		45
2/1/00		137		2/1/20		44
3/1/00		136		3/1/20		44
4/1/00		135		4/1/20		44
5/1/00		135		5/1/20		44
6/1/00		134		6/1/20		44
7/1/00		133		7/1/20		43
8/1/00		133		8/1/20		43
9/1/00		132		9/1/20		43
10/1/00		132		10/1/20		43
11/1/00		131		11/1/20		43
12/1/00		130		12/1/20		42
1/1/01		130		1/1/21		42
2/1/01		129		2/1/21		42
3/1/01		129		3/1/21		42
4/1/01		128		4/1/21		42
5/1/01		127		5/1/21		41
6/1/01		127		6/1/21		41
7/1/01		126		7/1/21		41
8/1/01		126		8/1/21		41
9/1/01		125		9/1/21		41
10/1/01		124		10/1/21		40
11/1/01		124		11/1/21		40
12/1/01		123		12/1/21		40
1/1/02		123		1/1/22		40
2/1/02		122		2/1/22		40

Expected Production

Huerfanito Unit # 30

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
3/1/02		122		3/1/22		40
4/1/02		121		4/1/22		39
5/1/02		120		5/1/22		39
6/1/02		120		6/1/22		39
7/1/02		119		7/1/22		39
8/1/02		119		8/1/22		39
9/1/02		118		9/1/22		38
10/1/02		118		10/1/22		38
11/1/02		117		11/1/22		38
12/1/02		116		12/1/22		38
1/1/03		116		1/1/23		38
2/1/03		115		2/1/23		38
3/1/03		115		3/1/23		37
4/1/03		114		4/1/23		37
5/1/03		114		5/1/23		37
6/1/03		113		6/1/23		37
7/1/03		113		7/1/23		37
8/1/03		112		8/1/23		37
9/1/03		112		9/1/23		36
10/1/03		111		10/1/23		36
11/1/03		111		11/1/23		36
12/1/03		110		12/1/23		36
1/1/04		110		1/1/24		36
2/1/04		109		2/1/24		36
3/1/04		109		3/1/24		35
4/1/04		108		4/1/24		35
5/1/04		108		5/1/24		35
6/1/04		107		6/1/24		35
7/1/04		107		7/1/24		35
8/1/04		106		8/1/24		35
9/1/04		106		9/1/24		34
10/1/04		105		10/1/24		34
11/1/04		105		11/1/24		34
12/1/04		104		12/1/24		34
1/1/05		104		1/1/25		34
2/1/05		103		2/1/25		34
3/1/05		103		3/1/25		33
4/1/05		102		4/1/25		33
5/1/05		102		5/1/25		33
6/1/05		101		6/1/25		33
7/1/05		101		7/1/25		33
8/1/05		100		8/1/25		33
9/1/05		100		9/1/25		32
10/1/05		99		10/1/25		32
11/1/05		99		11/1/25		32
12/1/05		98		12/1/25		32
1/1/06		98		1/1/26		32
2/1/06		98		2/1/26		32

Expected Production

Huerfanito Unit # 30

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>EBL</u>	<u>MCF</u>
3/1/06		97		3/1/26		32
4/1/06		97		4/1/26		31
5/1/06		96		5/1/26		31
6/1/06		96		6/1/26		31
7/1/06		95		7/1/26		31
8/1/06		95		8/1/26		31
9/1/06		94		9/1/26		31
10/1/06		94		10/1/26		31
11/1/06		94		11/1/26		30
12/1/06		93		12/1/26		30
1/1/07		93		1/1/27		30
2/1/07		92		2/1/27		30
3/1/07		92		3/1/27		30
4/1/07		91		4/1/27		30
5/1/07		91		5/1/27		30
6/1/07		90		6/1/27		29
7/1/07		90		7/1/27		29
8/1/07		90		8/1/27		29
9/1/07		89		9/1/27		29
10/1/07		89		10/1/27		29
11/1/07		88		11/1/27		29
12/1/07		88		12/1/27		29
1/1/08		88		1/1/28		28
2/1/08		87		2/1/28		28
3/1/08		87		3/1/28		28
4/1/08		86		4/1/28		28
<u>5/1/08</u>		86		5/1/28		28
6/1/08		86		6/1/28		28
7/1/08		85		7/1/28		28
8/1/08		85		8/1/28		28
9/1/08		84		9/1/28		27
10/1/08		84		10/1/28		27
11/1/08		84		11/1/28		27
12/1/08		83		12/1/28		27
1/1/09		83		1/1/29		27
2/1/09		82		2/1/29		27
3/1/09		82		3/1/29		27
4/1/09		82		4/1/29		27
5/1/09		81		5/1/29		26
6/1/09		81		6/1/29		26
7/1/09		81		7/1/29		26
8/1/09		80		8/1/29		26
9/1/09		80		9/1/29		26
10/1/09		79		10/1/29		26
11/1/09		79		11/1/29		26
12/1/09		79		12/1/29		26
1/1/10		78		1/1/30		25
2/1/10		78		2/1/30		25