

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

RECEIVED
JUN 12 1998

Submit Original
Plus 2 Copies
to appropriate
District Office

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 13 API #: 300450600000
Location of Well:
Unit Letter: N 990' FSL 1650' FWL Section: 01
Township: 026N Range: 009W NMPM, SAN JUAN County.

III. Date the Production Restoration Project was commenced: 12/97
Date the Well was returned to production: 2/98

IV. **Attach** a description of the Workover Procedures undertaken to increase the projection from the Well.
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 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.

Peggy Bradfield
(Name)

Regulatory/Compliance Administrator

(Title)

SUBSCRIBED AND SWORN TO before me this 9th day of June, 19 98.

Mae Benally
Notary Public

My Commission expires: June 9, 1999

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

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:

2/9, 1998.

35.8
District Supervisor, District 3
Oil Conservation Division

Date: 6/12/98

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

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, 1650' FWL, Sec.1, T-26-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 #13

9. API Well No.

30-045-06000

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

12-29-97 MIRU. ND WH. NU BOP. TOOH w/93 jts 1" tbg. TIH w/4 3/4" bit to 1870'. SDON.

12-30-97 TIH to 1930'. Establish circ. Drill from 1978' to new TD @ 2040'. Circ hole clean. TOOH. TIH w/6 jts 3 1/2" 9.2# J-55 csg, 48 jts 3 1/2" 7.7# WC-70 csg. SDON.

12-31-97 Set csg @ 2040'. Cmdt w/100 sx C-lite cmt w/2% Econolite, 5 pps Gilsonite, 2% Kcl (206 cu.ft.). No cmt circ to surface. WOC. ND BOP. NU WH. RD. Rig released.

1-20-98 MIRU. PT 3 1/2" csg to 5000 psi, OK. Perf Pictured Cliffs w/1 SPF @ 1895, 1898, 1901, 1904, 1908, 1911, 1916, 1921, 1924, 1933, 1936, 1939, 1946, 1949, 1961, 1965, 1972, 1987, 1997' w/19 0.31" diameter holes total. Acidize w/500 gal 15% Hcl. SDON.

1-21-98 Frac Pictured Cliffs w/523 bbl 20# linear gel, 279,000# 20/40 Brady sd, 459,000 SCF N2. CO after frac.

1-22/31-98 Blow well & CO.

2-1/8-98 Blow well & CO.

2-9-98 Blow well & CO. RD. Rig released.

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

Signed [Signature] 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

FEB 18 1998

OPERATOR

FARMINGTON DISTRICT OFFICE

Expected Production before Wokou

HUEFANITO UNIT : 13 : 49317A-1

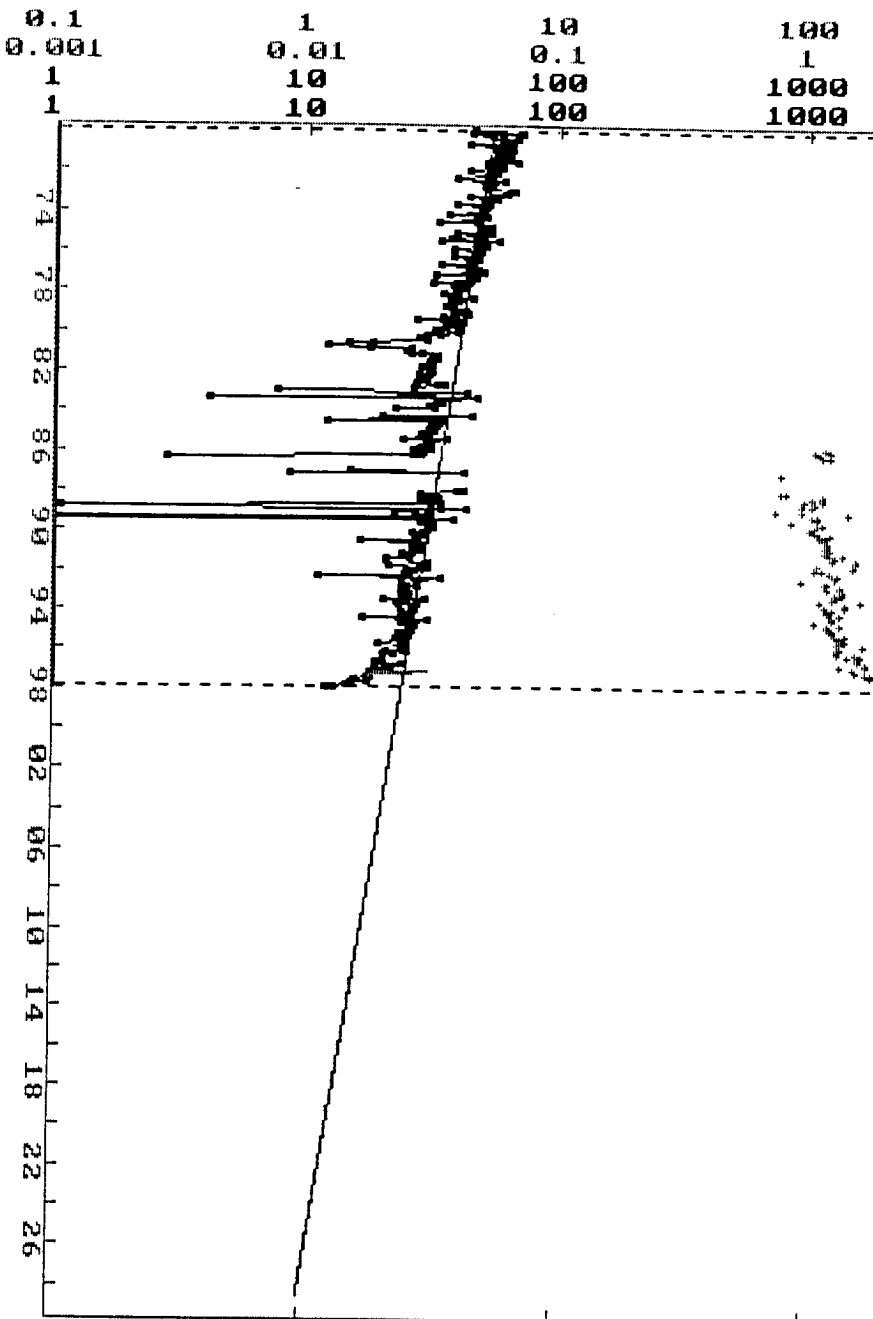
Prop 105 *

• OIL
• WATER/GAS
• GAS
• WATER

- ☐ • WATER Bbls/d
- ☒ • GAS Mcf/d
- ☐ • WATER/GAS
- ☐ • OIL Bbl/d

RateTime
Semi Log

— DAILY RATE
— TBG PRESSURE



Page No.: 7
Print Time: Fri May 08 11:23:23 1998
Property ID: 105
Property Name: HUERFANITO UNIT | 13 | 49317A
Table Name: Q:\ARIES\FD97PCRS\PRODUCT.DBF

--DATE--	----OIL----	----GAS----	---WATER---
.....	Bbl.....	Mcf.....	Bbls.....
12/31/96		639	1
01/31/97		636	1
02/28/97		552	1
03/31/97		583	1
04/30/97		552	1
05/31/97		546	0
06/30/97		532	0
07/31/97		479	0
08/31/97		534	0
09/30/97		460	0
10/31/97		443	0
11/30/97		393	0

Expected Production

Huerfanito Unit # 13 PC

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
12/1/97		736		12/1/17		414
1/1/98		734		1/1/18		413
2/1/98		733		2/1/18		412
3/1/98		731		3/1/18		411
4/1/98		729		4/1/18		410
5/1/98		727		5/1/18		409
6/1/98		726		6/1/18		408
7/1/98		724		7/1/18		407
8/1/98		722		8/1/18		406
9/1/98		720		9/1/18		405
10/1/98		719		10/1/18		404
11/1/98		717		11/1/18		403
12/1/98		715		12/1/18		402
1/1/99		713		1/1/19		401
2/1/99		712		2/1/19		400
3/1/99		710		3/1/19		399
4/1/99		708		4/1/19		398
5/1/99		707		5/1/19		397
6/1/99		705		6/1/19		396
7/1/99		703		7/1/19		395
8/1/99		702		8/1/19		394
9/1/99		700		9/1/19		393
10/1/99		698		10/1/19		392
11/1/99		697		11/1/19		392
12/1/99		695		12/1/19		391
1/1/00		693		1/1/20		390
2/1/00		692		2/1/20		389
3/1/00		690		3/1/20		388
4/1/00		688		4/1/20		387
5/1/00		687		5/1/20		386
6/1/00		685		6/1/20		385
7/1/00		683		7/1/20		384
8/1/00		682		8/1/20		383
9/1/00		680		9/1/20		382
10/1/00		678		10/1/20		381
11/1/00		677		11/1/20		380
12/1/00		675		12/1/20		379
1/1/01		674		1/1/21		379
2/1/01		672		2/1/21		378
3/1/01		670		3/1/21		377
4/1/01		669		4/1/21		376
5/1/01		667		5/1/21		375
6/1/01		665		6/1/21		374
7/1/01		664		7/1/21		373
8/1/01		662		8/1/21		372
9/1/01		661		9/1/21		371
10/1/01		659		10/1/21		370
11/1/01		658		11/1/21		370

Expected Production

Huerfanito Unit # 13 PC

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
12/1/01		656		12/1/21		369
1/1/02		654		1/1/22		368
2/1/02		653		2/1/22		367
3/1/02		651		3/1/22		366
4/1/02		650		4/1/22		365
5/1/02		648		5/1/22		364
6/1/02		647		6/1/22		363
7/1/02		645		7/1/22		363
8/1/02		644		8/1/22		362
9/1/02		642		9/1/22		361
10/1/02		640		10/1/22		360
11/1/02		639		11/1/22		359
12/1/02		637		12/1/22		358
1/1/03		636		1/1/23		357
2/1/03		634		2/1/23		357
3/1/03		633		3/1/23		356
4/1/03		631		4/1/23		355
5/1/03		630		5/1/23		354
6/1/03		628		6/1/23		353
7/1/03		627		7/1/23		352
8/1/03		625		8/1/23		351
9/1/03		624		9/1/23		351
10/1/03		622		10/1/23		350
11/1/03		621		11/1/23		349
12/1/03		619		12/1/23		348
1/1/04		618		1/1/24		347
2/1/04		616		2/1/24		346
3/1/04		615		3/1/24		346
4/1/04		613		4/1/24		345
5/1/04		612		5/1/24		344
6/1/04		610		6/1/24		343
7/1/04		609		7/1/24		342
8/1/04		607		8/1/24		341
9/1/04		606		9/1/24		341
10/1/04		605		10/1/24		340
11/1/04		603		11/1/24		339
12/1/04		602		12/1/24		338
1/1/05		600		1/1/25		337
2/1/05		599		2/1/25		337
3/1/05		597		3/1/25		336
4/1/05		596		4/1/25		335
5/1/05		594		5/1/25		334
6/1/05		593		6/1/25		333
7/1/05		592		7/1/25		333
8/1/05		590		8/1/25		332
9/1/05		589		9/1/25		331
10/1/05		587		10/1/25		330
11/1/05		586		11/1/25		329

Expected Production

Huerfanito Unit # 13 PC

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
12/1/05		585		12/1/25		329
1/1/06		583		1/1/26		328
2/1/06		582		2/1/26		327
3/1/06		580		3/1/26		326
4/1/06		579		4/1/26		325
5/1/06		578		5/1/26		325
6/1/06		576		6/1/26		324
7/1/06		575		7/1/26		323
8/1/06		573		8/1/26		322
9/1/06		572		9/1/26		322
10/1/06		571		10/1/26		321
11/1/06		569		11/1/26		320
12/1/06		568		12/1/26		319
1/1/07		567		1/1/27		318
2/1/07		565		2/1/27		318
3/1/07		564		3/1/27		317
4/1/07		563		4/1/27		316
5/1/07		561		5/1/27		315
6/1/07		560		6/1/27		315
7/1/07		559		7/1/27		314
8/1/07		557		8/1/27		313
9/1/07		556		9/1/27		312
10/1/07		555		10/1/27		312
11/1/07		553		11/1/27		311
12/1/07		552		12/1/27		310
1/1/08		551		1/1/28		309
2/1/08		549		2/1/28		309
3/1/08		548		3/1/28		308
4/1/08		547		4/1/28		307
5/1/08		545		5/1/28		306
6/1/08		544		6/1/28		306
7/1/08		543		7/1/28		305
8/1/08		541		8/1/28		304
9/1/08		540		9/1/28		304
10/1/08		539		10/1/28		303
11/1/08		537		11/1/28		302
12/1/08		536		12/1/28		301
1/1/09		535		1/1/29		301
2/1/09		534		2/1/29		300
3/1/09		532		3/1/29		299
4/1/09		531		4/1/29		299
5/1/09		530		5/1/29		298
6/1/09		529		6/1/29		297
7/1/09		527		7/1/29		296
8/1/09		526		8/1/29		296
9/1/09		525		9/1/29		295
10/1/09		523		10/1/29		294
11/1/09		522		11/1/29		294

Expected Production

Huerfanito Unit # 13 PC

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
12/1/09		521		12/1/29		293
1/1/10		520		1/1/30		292
2/1/10		518		2/1/30		291
3/1/10		517		3/1/30		291
4/1/10		516		4/1/30		290
5/1/10		515		5/1/30		289
6/1/10		514		6/1/30		289
7/1/10		512		7/1/30		288
8/1/10		511		8/1/30		287
9/1/10		510		9/1/30		287
10/1/10		509		10/1/30		286
11/1/10		507		11/1/30		285
12/1/10		506		12/1/30		285
1/1/11		505		1/1/31		284
2/1/11		504		2/1/31		283
3/1/11		503		3/1/31		282
4/1/11		501		4/1/31		282
5/1/11		500		5/1/31		281
6/1/11		499		6/1/31		280
7/1/11		498		7/1/31		280
8/1/11		497		8/1/31		279
9/1/11		495		9/1/31		278
10/1/11		494		10/1/31		278
11/1/11		493		11/1/31		277
12/1/11		492		12/1/31		276
1/1/12		491		1/1/32		276
2/1/12		489		2/1/32		275
3/1/12		488		3/1/32		274
4/1/12		487		4/1/32		274
5/1/12		486		5/1/32		273
6/1/12		485		6/1/32		272
7/1/12		484		7/1/32		272
8/1/12		482		8/1/32		271
9/1/12		481		9/1/32		271
10/1/12		480		10/1/32		270
11/1/12		479		11/1/32		269
12/1/12		478		12/1/32		269
1/1/13		477		1/1/33		268
2/1/13		476		2/1/33		267
3/1/13		474		3/1/33		267
4/1/13		473		4/1/33		266
5/1/13		472		5/1/33		265
6/1/13		471		6/1/33		265
7/1/13		470		7/1/33		264
8/1/13		469		8/1/33		263
9/1/13		468		9/1/33		263
10/1/13		467		10/1/33		262
11/1/13		465		11/1/33		262

Expected Production

Huerfanito Unit # 13 PC

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
12/1/13		464		12/1/33		261
1/1/14		463		1/1/34		260
2/1/14		462		2/1/34		260
3/1/14		461		3/1/34		259
4/1/14		460		4/1/34		258
5/1/14		459		5/1/34		258
6/1/14		458		6/1/34		257
7/1/14		457		7/1/34		257
8/1/14		455		8/1/34		256
9/1/14		454		9/1/34		255
10/1/14		453		10/1/34		255
11/1/14		452		11/1/34		254
12/1/14		451		12/1/34		254
1/1/15		450		1/1/35		253
2/1/15		449		2/1/35		252
3/1/15		448		3/1/35		252
4/1/15		447		4/1/35		251
5/1/15		446		5/1/35		251
6/1/15		445		6/1/35		250
7/1/15		444		7/1/35		249
8/1/15		443		8/1/35		249
9/1/15		441		9/1/35		248
10/1/15		440		10/1/35		248
11/1/15		439		11/1/35		247
12/1/15		438		12/1/35		246
1/1/16		437		1/1/36		246
2/1/16		436		2/1/36		245
3/1/16		435		3/1/36		245
4/1/16		434		4/1/36		244
5/1/16		433		5/1/36		243
6/1/16		432		6/1/36		243
7/1/16		431		7/1/36		242
8/1/16		430		8/1/36		242
9/1/16		429		9/1/36		241
10/1/16		428		10/1/36		241
11/1/16		427		11/1/36		240
12/1/16		426		12/1/36		239
1/1/17		425		1/1/37		239
2/1/17		424		2/1/37		238
3/1/17		423		3/1/37		238
4/1/17		422		4/1/37		237
5/1/17		421		5/1/37		237
6/1/17		420		6/1/37		236
7/1/17		419		7/1/37		235
8/1/17		418		8/1/37		235
9/1/17		417		9/1/37		234
10/1/17		416		10/1/37		234
11/1/17		415		11/1/37		233