

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
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: HUGHES 1 API # 300450735800

Location of Well:

Unit Letter: B 990' FNL & 1650' FEL Section: 23

Township: 028N Range: 011W NMPM, SAN JUAN County.

III. Date the Production ~~Restoration~~ ^{Workover} Project was commenced: 3/98

Date the Well was returned to production: 4/98

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:
FULCHER KUTZ 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.

Peggy Bradfield
(Name)

Regulatory/Compliance Administrator
(Title)

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

Mae Benallyson
Notary Public

My Commission expires: June 1999

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

W O
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:

4/2, 19 98.

35.8
District Supervisor, District 3
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

93 APR -3 PM 1:19

070 FARMINGTON, NM

1. Type of Well
GAS

2. Name of Operator

BURLINGTON

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' FNL, 1650' FEL, Sec.23, T-28-N, R-11-W, NMPM

TX-276

5. Lease Number
SF-075794

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Hughes #1

9. API Well No.
30-045-07358

10. Field and Pool
Fulcher Kutz Pict.Clfs

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

3-3-98 MIRU. ND WH. NU BOP. TOOH w/54 jts 1 1/2" tbq. TIH w/bit. SDON.

3-4-98 Establish circ. Drill to new TD @ 1983'. Circ hole clean. SDON.

3-5-98 Circ hole clean. TOOH. TIH w/64 jts 3 1/2" 9.2# J-55 NU 10RD csg, set @ 1974'. Circ hole clean. Cmt d w/70 sx Class "B" cmt w/2% Econolite, 5 pps Gilsonite, 0.25 pps Celloflake. Tailed w/50 sx Class "B" cmt w/1% Econolite, 5 pps Gilsonite, 0.25 pps Celloflake. Displace w/17 bbl wtr. WOC. ND BOP. NU WH. RD. Rig released. TOC = Surface

3-12-98 MIRU. PT 3 1/2" csg to 5000 psi, OK. Perf Pictured Cliffs w/1 SPF @ 1771, 1772, 1774, 1777, 1780, 1783, 1788, 1790, 1795, 1798, 1803, 1805, 1807, 1810, 1858, 1861, 1863, 1867, 1870' w/19 0.31" diameter holes total. Acidize w/500 gal 15% Hcl. SDON.

3-13-98 Frac Pictured Cliffs w/385 bbl 20# linear gel, 194,000# 20/40 Arizona sd, 360,000 SCF N2. CO after frac.

3-14-98 Blow well & CO. RD.

3-15/29-98 SD.

3-30-98 MIRU. Blow well & CO. SDON.

3-31-98 Blow well & CO. SDON.

4-1/2-98 Blow well & CO. SDON.

4-3-98 Blow well & CO. ND BOP. NU WH. RD. Rig released.

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

Signed [Signature] Title Regulatory Administrator Date 4/6/98

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

ACCEPTED RECORD

APR 23 1998

OPERATION

FARMINGTON DISTRICT OFFICE

Browsing: HUGHES | 1 | 30005-1

--DATE--	----	OIL-----	----	GAS----
		Bbl		Mcf
03/31/97		656		
04/30/97		653		
05/31/97		689		
06/30/97		470		
07/31/97		563		
08/31/97		370		
09/30/97		385		
10/31/97		475		
11/30/97		559		
12/31/97		403		
01/31/98		466		
02/28/98		231		

Expected Production before workover

• OIL
• WATER/GAS
• GAS
• WATER

HUGHES : 1 : 30005-1

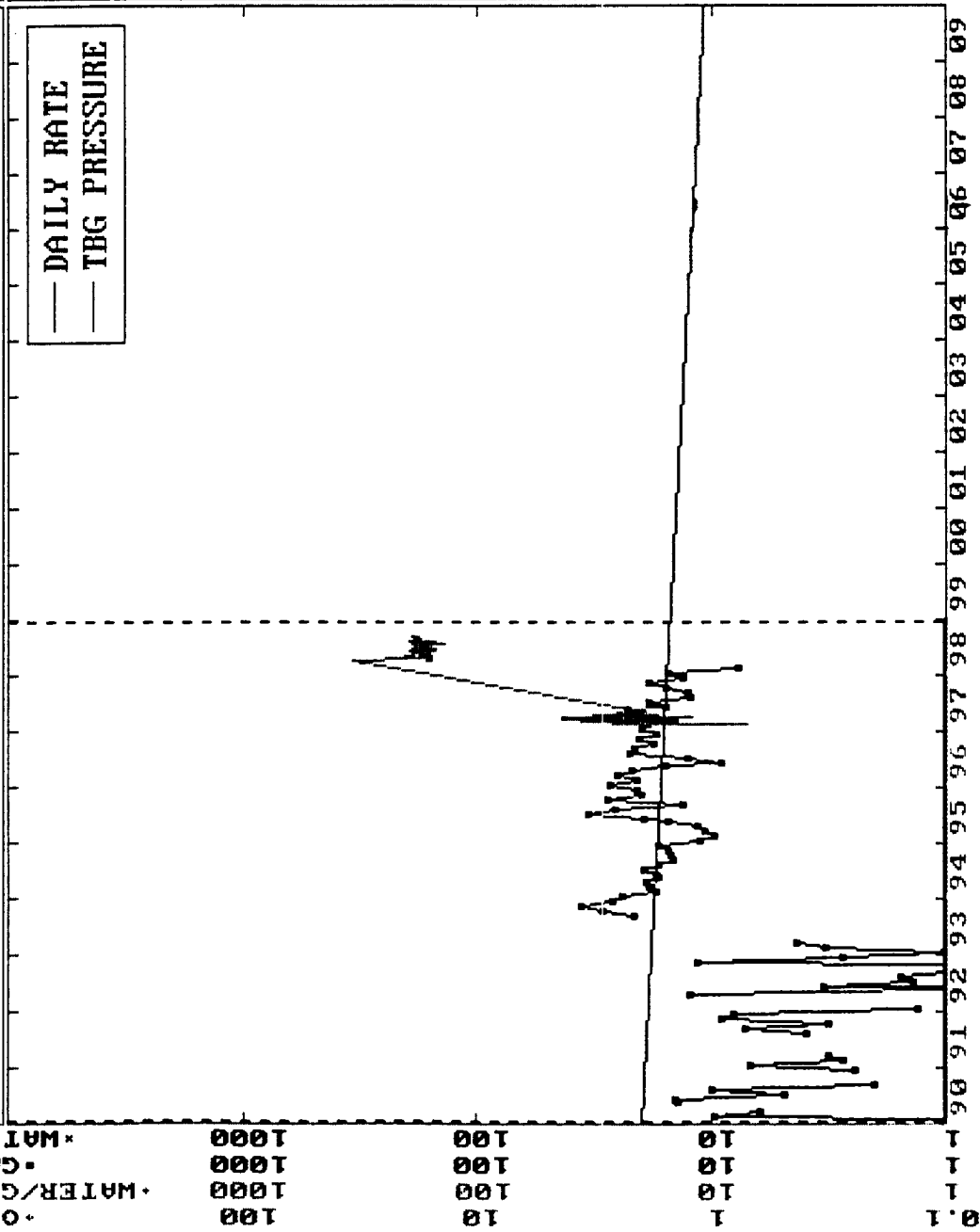
— DAILY RATE
— TBG PRESSURE

Prop 24 *

- WATER Bbls/d
- GAS Mcf/d
- WATER/GAS
- OIL Bbl/d



RateTime
Semi Log



Expected Production

Hughes # 1

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
3/1/98		468		3/1/18		258
4/1/98		467		4/1/18		258
5/1/98		466		5/1/18		257
6/1/98		465		6/1/18		256
7/1/98		464		7/1/18		256
8/1/98		463		8/1/18		255
9/1/98		461		9/1/18		254
10/1/98		460		10/1/18		254
11/1/98		459		11/1/18		253
12/1/98		458		12/1/18		252
1/1/99		457		1/1/19		252
2/1/99		456		2/1/19		251
3/1/99		455		3/1/19		251
4/1/99		454		4/1/19		250
5/1/99		452		5/1/19		249
6/1/99		451		6/1/19		249
7/1/99		450		7/1/19		248
8/1/99		449		8/1/19		248
9/1/99		448		9/1/19		247
10/1/99		447		10/1/19		246
11/1/99		446		11/1/19		246
12/1/99		445		12/1/19		245
1/1/00		444		1/1/20		244
2/1/00		442		2/1/20		244
3/1/00		441		3/1/20		243
4/1/00		440		4/1/20		243
5/1/00		439		5/1/20		242
6/1/00		438		6/1/20		241
7/1/00		437		7/1/20		241
8/1/00		436		8/1/20		240
9/1/00		435		9/1/20		240
10/1/00		434		10/1/20		239
11/1/00		433		11/1/20		238
12/1/00		432		12/1/20		238
1/1/01		431		1/1/21		237
2/1/01		429		2/1/21		237
3/1/01		428		3/1/21		236
4/1/01		427		4/1/21		236
5/1/01		426		5/1/21		235
6/1/01		425		6/1/21		234
7/1/01		424		7/1/21		234
8/1/01		423		8/1/21		233
9/1/01		422		9/1/21		233
10/1/01		421		10/1/21		232
11/1/01		420		11/1/21		231
12/1/01		419		12/1/21		231
1/1/02		418		1/1/22		230
2/1/02		417		2/1/22		230
3/1/02		416		3/1/22		229
4/1/02		415		4/1/22		229
5/1/02		414		5/1/22		228

Expected Production

Hughes # 1

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
6/1/02		413		6/1/22		227
7/1/02		412		7/1/22		227
8/1/02		411		8/1/22		226
9/1/02		410		9/1/22		226
10/1/02		409		10/1/22		225
11/1/02		408		11/1/22		225
12/1/02		407		12/1/22		224
1/1/03		406		1/1/23		224
2/1/03		405		2/1/23		223
3/1/03		404		3/1/23		222
4/1/03		403		4/1/23		222
5/1/03		402		5/1/23		221
6/1/03		401		6/1/23		221
7/1/03		400		7/1/23		220
8/1/03		399		8/1/23		220
9/1/03		398		9/1/23		219
10/1/03		397		10/1/23		219
11/1/03		396		11/1/23		218
12/1/03		395		12/1/23		218
1/1/04		394		1/1/24		217
2/1/04		393		2/1/24		216
3/1/04		392		3/1/24		216
4/1/04		391		4/1/24		215
5/1/04		390		5/1/24		215
6/1/04		389		6/1/24		214
7/1/04		388		7/1/24		214
8/1/04		387		8/1/24		213
9/1/04		386		9/1/24		213
10/1/04		385		10/1/24		212
11/1/04		384		11/1/24		212
12/1/04		383		12/1/24		211
1/1/05		382		1/1/25		211
2/1/05		381		2/1/25		210
3/1/05		380		3/1/25		210
4/1/05		379		4/1/25		209
5/1/05		378		5/1/25		209
6/1/05		377		6/1/25		208
7/1/05		377		7/1/25		208
8/1/05		376		8/1/25		207
9/1/05		375		9/1/25		206
10/1/05		374		10/1/25		206
11/1/05		373		11/1/25		205
12/1/05		372		12/1/25		205
1/1/06		371		1/1/26		204
2/1/06		370		2/1/26		204
3/1/06		369		3/1/26		203
4/1/06		368		4/1/26		203
5/1/06		367		5/1/26		202
6/1/06		366		6/1/26		202
7/1/06		365		7/1/26		201
8/1/06		365		8/1/26		201

Expected Production

Hughes # 1

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
9/1/06		364		9/1/26		200
10/1/06		363		10/1/26		200
11/1/06		362		11/1/26		199
12/1/06		361		12/1/26		199
1/1/07		360		1/1/27		198
2/1/07		359		2/1/27		198
3/1/07		358		3/1/27		197
4/1/07		357		4/1/27		197
5/1/07		356		5/1/27		196
6/1/07		356		6/1/27		196
7/1/07		355		7/1/27		196
8/1/07		354		8/1/27		195
9/1/07		353		9/1/27		195
10/1/07		352		10/1/27		194
11/1/07		351		11/1/27		194
12/1/07		350		12/1/27		193
1/1/08		349		1/1/28		193
2/1/08		349		2/1/28		192
3/1/08		348		3/1/28		192
4/1/08		347		4/1/28		191
5/1/08		346		5/1/28		191
6/1/08		345		6/1/28		190
7/1/08		344		7/1/28		190
8/1/08		343		8/1/28		189
9/1/08		343		9/1/28		189
10/1/08		342		10/1/28		188
11/1/08		341		11/1/28		188
12/1/08		340		12/1/28		187
1/1/09		339		1/1/29		187
2/1/09		338		2/1/29		187
3/1/09		338		3/1/29		186
4/1/09		337		4/1/29		186
5/1/09		336		5/1/29		185
6/1/09		335		6/1/29		185
7/1/09		334		7/1/29		184
8/1/09		333		8/1/29		184
9/1/09		333		9/1/29		183
10/1/09		332		10/1/29		183
11/1/09		331		11/1/29		182
12/1/09		330		12/1/29		182
1/1/10		329		1/1/30		181
2/1/10		328		2/1/30		181
3/1/10		328		3/1/30		181
4/1/10		327		4/1/30		180
5/1/10		326		5/1/30		180
6/1/10		325		6/1/30		179
7/1/10		324		7/1/30		179
8/1/10		324		8/1/30		178
9/1/10		323		9/1/30		178
10/1/10		322		10/1/30		177
11/1/10		321		11/1/30		177

Expected Production

Hughes # 1

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
12/1/10		320		12/1/30		177
1/1/11		320		1/1/31		176
2/1/11		319		2/1/31		176
3/1/11		318		3/1/31		175
4/1/11		317		4/1/31		175
5/1/11		316		5/1/31		174
6/1/11		316		6/1/31		174
7/1/11		315		7/1/31		174
8/1/11		314		8/1/31		173
9/1/11		313		9/1/31		173
10/1/11		313		10/1/31		172
11/1/11		312		11/1/31		172
12/1/11		311		12/1/31		171
1/1/12		310		1/1/32		171
2/1/12		309		2/1/32		171
3/1/12		309		3/1/32		170
4/1/12		308		4/1/32		170
5/1/12		307		5/1/32		169
6/1/12		306		6/1/32		169
7/1/12		306		7/1/32		168
8/1/12		305		8/1/32		168
9/1/12		304		9/1/32		168
10/1/12		303		10/1/32		167
11/1/12		303		11/1/32		167
12/1/12		302		12/1/32		166
1/1/13		301		1/1/33		166
2/1/13		300		2/1/33		166
3/1/13		300		3/1/33		165
4/1/13		299		4/1/33		165
5/1/13		298		5/1/33		164
6/1/13		297		6/1/33		164
7/1/13		297		7/1/33		164
8/1/13		296		8/1/33		163
9/1/13		295		9/1/33		163
10/1/13		294		10/1/33		162
11/1/13		294		11/1/33		162
12/1/13		293		12/1/33		161
1/1/14		292		1/1/34		161
2/1/14		292		2/1/34		161
3/1/14		291		3/1/34		160
4/1/14		290		4/1/34		160
5/1/14		289		5/1/34		160
6/1/14		289		6/1/34		159
7/1/14		288		7/1/34		159
8/1/14		287		8/1/34		158
9/1/14		287		9/1/34		158
10/1/14		286		10/1/34		158
11/1/14		285		11/1/34		157
12/1/14		284		12/1/34		157
1/1/15		284		1/1/35		156
2/1/15		283		2/1/35		156

Expected Production

Hughes # 1

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
3/1/15		282		3/1/35		156
4/1/15		282		4/1/35		155
5/1/15		281		5/1/35		155
6/1/15		280		6/1/35		154
7/1/15		280		7/1/35		154
8/1/15		279		8/1/35		154
9/1/15		278		9/1/35		153
10/1/15		277		10/1/35		153
11/1/15		277		11/1/35		153
12/1/15		276		12/1/35		152
1/1/16		275		1/1/36		152
2/1/16		275		2/1/36		151
3/1/16		274		3/1/36		151
4/1/16		273		4/1/36		151
5/1/16		273		5/1/36		150
6/1/16		272		6/1/36		150
7/1/16		271		7/1/36		150
8/1/16		271		8/1/36		149
9/1/16		270		9/1/36		149
10/1/16		269		10/1/36		148
11/1/16		269		11/1/36		148
12/1/16		268		12/1/36		148
1/1/17		267		1/1/37		147
2/1/17		267		2/1/37		147
3/1/17		266		3/1/37		147
4/1/17		265		4/1/37		146
5/1/17		265		5/1/37		146
6/1/17		264		6/1/37		146
7/1/17		263		7/1/37		145
8/1/17		263		8/1/37		145
9/1/17		262		9/1/37		144
10/1/17		261		10/1/37		144
11/1/17		261		11/1/37		144
12/1/17		260		12/1/37		143
1/1/18		259		1/1/38		143
2/1/18		259		2/1/38		143