

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

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Submit Original
Plus 2 Copies
to appropriate
District Office

OIL CON. DIV.
BOX 5

**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:	MANGUM	3	API #:	300450781000
	Location of Well:				
	Unit Letter:	J	1650' FSL, 1650' FEL	Section:	28
	Township:	029N	Range:	011W	NMPM, SAN JUAN County.
III.	Date Workover Procedures Commenced:	12/98			
	Date Workover Procedures were Completed:	1/99			
IV.	Attach a description of the Workover Procedures undertaken to increase the projection from the Well. SLIMHOLE 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 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 7th day of May, 19 99.

Mae Benally
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:

1/25, 19 99.

SS. J
District Supervisor, District 3
Oil Conservation Division

Date: 7/19/99

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.
DATE: _____

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

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
1650' FSL, 1650' FEL, Sec. 28, T-29-N, R-11-W, NMPM, San Juan County, NM

API # (assigned by OCD)
30-045-07810

5. Lease Number
FEE

6. State Oil&Gas Lease #

7. Lease Name/Unit Name
Mangum

8. Well No.
#3

9. Pool Name or Wildcat
Fulcher Kutz PC

10. Elevation:

Type of Submission	Type of Action
☐ Notice of Intent	☐ Abandonment
☒ Subsequent Report	☐ Recompletion
☐ Final Abandonment	☐ 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

12-7-98 MIRU. ND WH. NU WH. TOOH w/1" tbq. SDON.

12-8-98 PT csg to 3500 psi, OK. TIH, tag up @ 1510'. CO to 1723'. TOOH. SDON.

12-9-98 RD. Rig released.

12-14-98 RU. PT surface lines to 6000 psi. Brk dwn w/200 gal 15% HCL. Frac PC formation w/197 bbl 20# linear gel, 84,400# 16/30 AZ snd, 152,438 SCF N2. Flow back well.

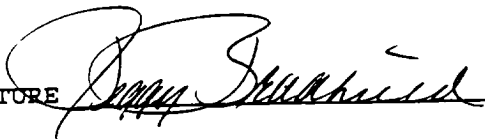
12-15-98 Flow back well. RD. Shut-in well. WO bailer.

1-12-99 RU. TIH w/bailer, tag up @ 1550'. Perfs @ 1628-1670'. PBTD @ 1747'. SDON.

1-13/15-99 Bail snd & CO.

1-16/24-99 Flow well. Bail snd & CO.

1-25-99 Flow well. RD. Shut-in well. Well turned over to production.

SIGNATURE  Regulatory Administrator January 26, 1999

vkh

(This space for State Use)

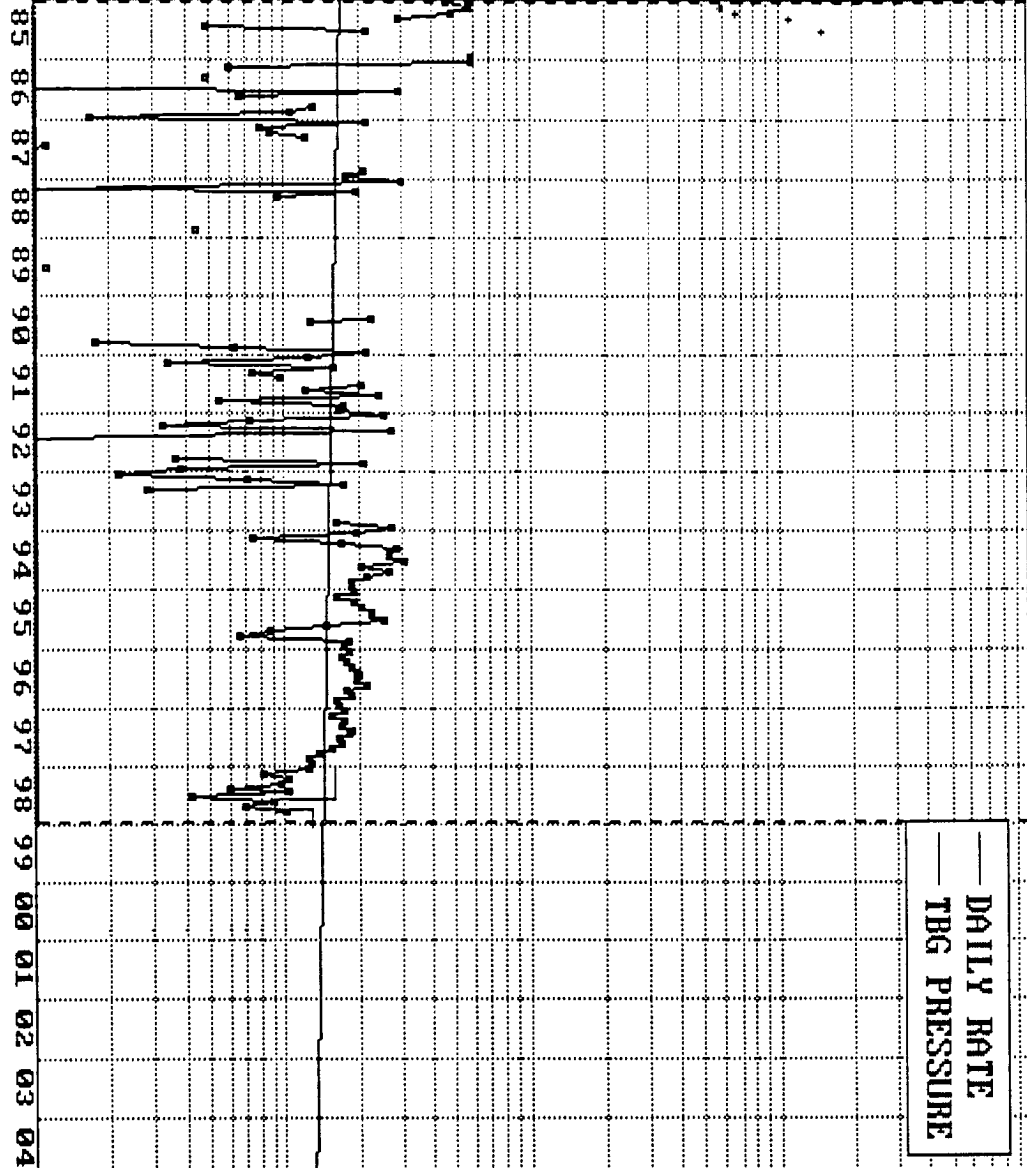
Approved by ORIGINAL SIGNED BY CHARLIE T. PERRIN Title DEPUTY OIL & GAS INSPECTOR, DIST. A* Date JAN 26 1999

Browsing: MANGUM | 3 | 46229-1
Table(P): PRODUCT/M,P,H,E,T,Z,
Item: 2/18/19 Name: D

--DATE--	----OIL----	----GAS----
	Bbl	Mcf
10/31/97	421	
11/30/97	385	
12/31/97	395	
01/31/98	380	
02/28/98	252	
03/31/98	315	
04/30/98	292	
05/31/98	182	
06/30/98	320	
07/31/98	129	
08/31/98	274	
09/30/98	211	
10/31/98	311	

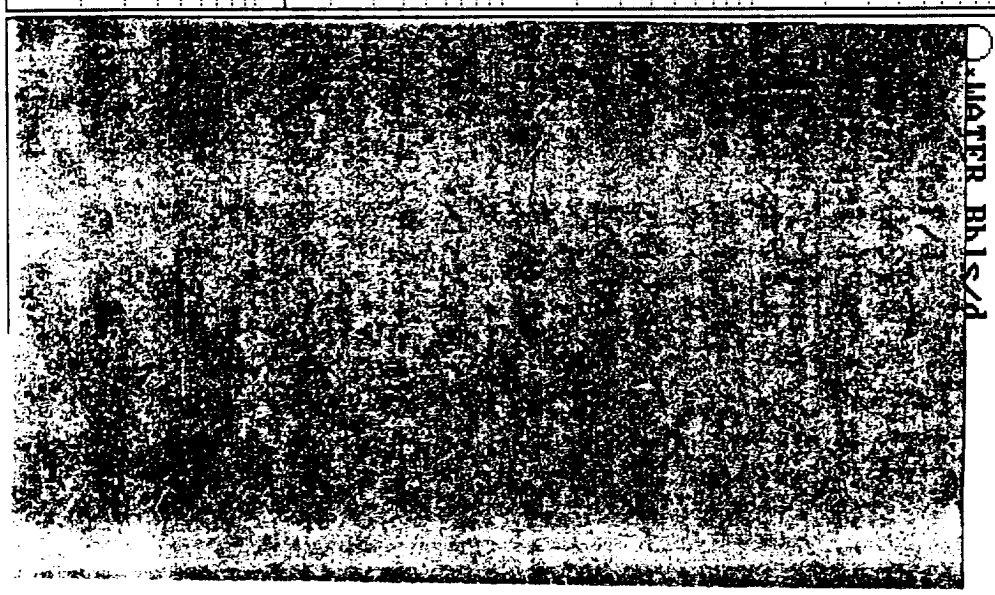
0.1	1	10	100	• OIL
0.001	0.01	0.1	1	• WATER/GAS
1	10	100	1000	• GAS
1	10	100	1000	• WATER

Expected Production before Workover
MANGUM : 3 : 46229-1



— DAILY RATE
— TBG PRESSURE

Prop 122 *



Major = GAS

Expected Production

Mangum # 3

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/99		335		1/1/19		147
2/1/99		333		2/1/19		147
3/1/99		332		3/1/19		146
4/1/99		331		4/1/19		146
5/1/99		330		5/1/19		145
6/1/99		329		6/1/19		145
7/1/99		328		7/1/19		144
8/1/99		327		8/1/19		144
9/1/99		326		9/1/19		143
10/1/99		324		10/1/19		143
11/1/99		323		11/1/19		142
12/1/99		322		12/1/19		142
1/1/00		321		1/1/20		141
2/1/00		320		2/1/20		141
3/1/00		319		3/1/20		140
4/1/00		318		4/1/20		140
5/1/00		317		5/1/20		139
6/1/00		316		6/1/20		139
7/1/00		315		7/1/20		138
8/1/00		314		8/1/20		138
9/1/00		312		9/1/20		137
10/1/00		311		10/1/20		137
11/1/00		310		11/1/20		136
12/1/00		309		12/1/20		136
1/1/01		308		1/1/21		136
2/1/01		307		2/1/21		135
3/1/01		306		3/1/21		135
4/1/01		305		4/1/21		134
5/1/01		304		5/1/21		134
6/1/01		303		6/1/21		133
7/1/01		302		7/1/21		133
8/1/01		301		8/1/21		132
9/1/01		300		9/1/21		132
10/1/01		299		10/1/21		131
11/1/01		298		11/1/21		131
12/1/01		297		12/1/21		131
1/1/02		296		1/1/22		130
2/1/02		295		2/1/22		130
3/1/02		294		3/1/22		129
4/1/02		293		4/1/22		129
5/1/02		292		5/1/22		128
6/1/02		291		6/1/22		128
7/1/02		290		7/1/22		127
8/1/02		289		8/1/22		127
9/1/02		288		9/1/22		127
10/1/02		287		10/1/22		126
11/1/02		286		11/1/22		126
12/1/02		285		12/1/22		125

Expected Production

Mangum # 3

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/03		284		1/1/23		125
2/1/03		283		2/1/23		124
3/1/03		282		3/1/23		124
4/1/03		281		4/1/23		124
5/1/03		280		5/1/23		123
6/1/03		279		6/1/23		123
7/1/03		278		7/1/23		122
8/1/03		277		8/1/23		122
9/1/03		276		9/1/23		121
10/1/03		275		10/1/23		121
11/1/03		274		11/1/23		121
12/1/03		273		12/1/23		120
1/1/04		272		1/1/24		120
2/1/04		272		2/1/24		119
3/1/04		271		3/1/24		119
4/1/04		270		4/1/24		119
5/1/04		269		5/1/24		118
6/1/04		268		6/1/24		118
7/1/04		267		7/1/24		117
8/1/04		266		8/1/24		117
9/1/04		265		9/1/24		117
10/1/04		264		10/1/24		116
11/1/04		263		11/1/24		116
12/1/04		262		12/1/24		115
1/1/05		262		1/1/25		115
2/1/05		261		2/1/25		115
3/1/05		260		3/1/25		114
4/1/05		259		4/1/25		114
5/1/05		258		5/1/25		113
6/1/05		257		6/1/25		113
7/1/05		256		7/1/25		113
8/1/05		255		8/1/25		112
9/1/05		254		9/1/25		112
10/1/05		254		10/1/25		112
11/1/05		253		11/1/25		111
12/1/05		252		12/1/25		111
1/1/06		251		1/1/26		110
2/1/06		250		2/1/26		110
3/1/06		249		3/1/26		110
4/1/06		248		4/1/26		109
5/1/06		248		5/1/26		109
6/1/06		247		6/1/26		109
7/1/06		246		7/1/26		108
8/1/06		245		8/1/26		108
9/1/06		244		9/1/26		107
10/1/06		243		10/1/26		107
11/1/06		243		11/1/26		107
12/1/06		242		12/1/26		106

Expected Production

Mangum # 3

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/07		241		1/1/27		106
2/1/07		240		2/1/27		106
3/1/07		239		3/1/27		105
4/1/07		238		4/1/27		105
5/1/07		238		5/1/27		105
6/1/07		237		6/1/27		104
7/1/07		236		7/1/27		104
8/1/07		235		8/1/27		103
9/1/07		234		9/1/27		103
10/1/07		234		10/1/27		103
11/1/07		233		11/1/27		102
12/1/07		232		12/1/27		102
1/1/08		231		1/1/28		102
2/1/08		230		2/1/28		101
3/1/08		230		3/1/28		101
4/1/08		229		4/1/28		101
5/1/08		228		5/1/28		100
6/1/08		227		6/1/28		100
7/1/08		226		7/1/28		100
8/1/08		226		8/1/28		99
9/1/08		225		9/1/28		99
10/1/08		224		10/1/28		99
11/1/08		223		11/1/28		98
12/1/08		223		12/1/28		98
1/1/09		222		1/1/29		98
2/1/09		221		2/1/29		97
3/1/09		220		3/1/29		97
4/1/09		220		4/1/29		97
5/1/09		219		5/1/29		96
6/1/09		218		6/1/29		96
7/1/09		217		7/1/29		96
8/1/09		217		8/1/29		95
9/1/09		216		9/1/29		95
10/1/09		215		10/1/29		95
11/1/09		214		11/1/29		94
12/1/09		214		12/1/29		94
1/1/10		213		1/1/30		94
2/1/10		212		2/1/30		93
3/1/10		212		3/1/30		93
4/1/10		211		4/1/30		93
5/1/10		210		5/1/30		92
6/1/10		209		6/1/30		92
7/1/10		209		7/1/30		92
8/1/10		208		8/1/30		91
9/1/10		207		9/1/30		91
10/1/10		207		10/1/30		91
11/1/10		206		11/1/30		91
12/1/10		205		12/1/30		90

Expected Production

Mangum # 3

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/11		204		1/1/31		90
2/1/11		204		2/1/31		90
3/1/11		203		3/1/31		89
4/1/11		202		4/1/31		89
5/1/11		202		5/1/31		89
6/1/11		201		6/1/31		88
7/1/11		200		7/1/31		88
8/1/11		200		8/1/31		88
9/1/11		199		9/1/31		87
10/1/11		198		10/1/31		87
11/1/11		198		11/1/31		87
12/1/11		197		12/1/31		87
1/1/12		196		1/1/32		86
2/1/12		196		2/1/32		86
3/1/12		195		3/1/32		86
4/1/12		194		4/1/32		85
5/1/12		194		5/1/32		85
6/1/12		193		6/1/32		85
7/1/12		192		7/1/32		85
8/1/12		192		8/1/32		84
9/1/12		191		9/1/32		84
10/1/12		190		10/1/32		84
11/1/12		190		11/1/32		83
12/1/12		189		12/1/32		83
1/1/13		188		1/1/33		83
2/1/13		188		2/1/33		83
3/1/13		187		3/1/33		82
4/1/13		186		4/1/33		82
5/1/13		186		5/1/33		82
6/1/13		185		6/1/33		81
7/1/13		184		7/1/33		81
8/1/13		184		8/1/33		81
9/1/13		183		9/1/33		81
10/1/13		183		10/1/33		80
11/1/13		182		11/1/33		80
12/1/13		181		12/1/33		80
1/1/14		181		1/1/34		79
2/1/14		180		2/1/34		79
3/1/14		179		3/1/34		79
4/1/14		179		4/1/34		79
5/1/14		178		5/1/34		78
6/1/14		178		6/1/34		78
7/1/14		177		7/1/34		78
8/1/14		176		8/1/34		78
9/1/14		176		9/1/34		77
10/1/14		175		10/1/34		77
11/1/14		175		11/1/34		77
12/1/14		174		12/1/34		77

Expected Production

Mangum # 3

<u>Month</u>	<u>BBL</u>	<u>MCF</u>		<u>Month</u>	<u>BBL</u>	<u>MCF</u>
1/1/15		173		1/1/35		76
2/1/15		173		2/1/35		76
3/1/15		172		3/1/35		76
4/1/15		172		4/1/35		75
5/1/15		171		5/1/35		75
6/1/15		170		6/1/35		75
7/1/15		170		7/1/35		75
8/1/15		169		8/1/35		74
9/1/15		169		9/1/35		74
10/1/15		168		10/1/35		74
11/1/15		168		11/1/35		74
12/1/15		167		12/1/35		73
1/1/16		166		1/1/36		73
2/1/16		166		2/1/36		73
3/1/16		165		3/1/36		73
4/1/16		165		4/1/36		72
5/1/16		164		5/1/36		72
6/1/16		164		6/1/36		72
7/1/16		163		7/1/36		72
8/1/16		163		8/1/36		71
9/1/16		162		9/1/36		71
10/1/16		161		10/1/36		71
11/1/16		161		11/1/36		71
12/1/16		160		12/1/36		71
1/1/17		160		1/1/37		70
2/1/17		159		2/1/37		70
3/1/17		159		3/1/37		70
4/1/17		158		4/1/37		70
5/1/17		158		5/1/37		69
6/1/17		157		6/1/37		69
7/1/17		157		7/1/37		69
8/1/17		156		8/1/37		69
9/1/17		155		9/1/37		68
10/1/17		155		10/1/37		68
11/1/17		154		11/1/37		68
12/1/17		154		12/1/37		68
1/1/18		153		1/1/38		67
2/1/18		153		2/1/38		67
3/1/18		152		3/1/38		67
4/1/18		152		4/1/38		67
5/1/18		151		5/1/38		67
6/1/18		151		6/1/38		66
7/1/18		150		7/1/38		66
8/1/18		150		8/1/38		66
9/1/18		149		9/1/38		66
10/1/18		149		10/1/38		65
11/1/18		148		11/1/38		65
12/1/18		148		12/1/38		65