

9/9/08	SUSPENSE	W Jones	9/9/08	DHC	PP NO
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PKUR0825356250

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☒ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
[B] ☐ Offset Operators, Leaseholders or Surface Owner
[C] ☐ Application is One Which Requires Published Legal Notice
[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate and complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Tamara Sessions
Print or Type Name

Tamara Sessions
Signature

Staff Regulatory Technician
Title

9/09/2008
Date

sessaid@conocophillips.com
e-mail Address

RECEIVED
2008 SEP 9 PM 3 37

District I
1825 N. French Drive, Hobbs, NM 88240

District II

1101 W. Grand Avenue, Artesia, NM 87010

District III

1000 B. Bridge Road, Alamogordo, NM 87010

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well

☐ Establish Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil & Gas Company LP
Operator

P.O. Box 4289 Farmington, NM 87499
Address

UTE MOUNTAIN UTE 48

Unit D, Sec. 31, 032N, 014W

Lease

Well No.

Unit Letter-Section-Township-Range

SAN JUAN

County

OGRID No: 14538 Property Code 18725 API No. 30045294780000 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	BARKER DOME HERMOSA	BARKER DOME ISMAY	BARKER DOME DESERT CREEK
Pool Code	97582	96354	96353
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	7788'-8000' Estimated	8686'-8795' Estimated	8843'-8965'
Method of Production (Flowing or Artificial Lift)	NEW ZONE	NEW ZONE	FLOWING
Bottomhole Pressure (Note: Pressure data will not be required if the bottom performance in the lower zone is within 150% of the depth of the top performance in the upper zone)	N/A - 150% Rule	N/A - 150% Rule	N/A - 150% Rule
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1000	BTU 1000	BTU 1000
Producing, Shut-In or New Zone	New Zone	New Zone	PRODUCING
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)			Date: Mar 2008 Rates: 166 MCF
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas Will be supplied upon completion	Oil Gas Will be supplied upon completion	Oil Gas Will be supplied upon completion

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐
Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands
or the United States Bureau of Land Management been notified in writing of this application?

Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Ryan Frost TITLE Engineer DATE 9/9/08
TYPE OR PRINT NAME Ryan Frost, Engineer TELEPHONE NO. (505) 326-9700
E-MAIL ADDRESS Ryan.M.Frost@conocophillips.com

Ute Mountain Ute 48
Unit D, Section 31, T32N, R14W

The Ute Mountain Ute 48 is a Barker Dome Desert Creek, Barker Dome Ismay and Barker Dome Hermosa recomplet. A cased hole neutron log will be run prior to completion to identify the Barker Dome Desert Creek, Barker Dome Ismay and Barker Dome Hermosa zones. If the Barker Dome Desert Creek, Barker Dome Ismay and Barker Dome Hermosa horizons can be isolated, a separator test will be performed and the allocation will be assigned with results using the subtraction method applied to the rate. In the event that the Barker Dome Desert Creek, Barker Dome Ismay and Barker Dome Hermosa can not be tested separately, a volumetric calculation will be performed to determine the allocation percentages between the Barker Dome Desert Creek, Barker Dome Ismay and Barker Dome Hermosa. All documentation will be submitted to the Aztec NMOC office.

Roland, Kandis R

From: Pippin, Eddie A
Sent: Wednesday, September 03, 2008 10:36 AM
To: Roland, Kandis R
Subject: RE: Ute Mountain Ute 48, 30-045-29478

Lets go with: Desert Creek from 8843 to 8965, Ismay from 8686 to 8795, and Hermosa from 7788 to 8000. This is within the tops originally reported.

From: Roland, Kandis R
Sent: Wednesday, September 03, 2008 9:26 AM
To: Pippin, Eddie A
Subject: FW: Ute Mountain Ute 48, 30-045-29478
Importance: High

Can you send me the estimated perfs for this well? Thanks!!

From: Sessions, Tamra D
Sent: Thursday, August 28, 2008 10:01 AM
To: Roland, Kandis R
Cc: Clugston, Patricia L
Subject: Ute Mountain Ute 48, 30-045-29478
Importance: High

Kandis we will need a C107A. For plat see page 4 of Doc. 5 under Regulatory forms in document management. It is the best copy that is scanned in!

Barker Dome Desert Creek
Barker Dome Ismay
Barker Dome Hermosa

Tamra Sessions

Regulatory Technician
CONOCOPHILLIPS SJB
505-326-9834 Fax 599-4062
Tamra.D.Sessions@conocophillips.com

9/8/2008

Box 1900, Hobbs, NM 88241-1900
PO Drawer DD, Arapaho, NM 87211-0719
Attn: III
400 6th Avenue S.W., Alamogordo, NM 88310
District IV
PO Box 1098, Santa Fe, NM 87504-1098

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form 1
Revised February 28,
Instructions on
Submit to Appropriate District (C)
State License - 4 C
For License - 3 C

☐ AMENDED REP

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 10-045-29479	Well Code 96353/96354/97682	Well Name Barker Dome Desert Creek Barker Dome Ismay WC: No. 3132N14E Barker Dome Ismay
Property Code 18725	Property Name Ute Mountain Ute	Well Number 48
OGUID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	Well Status 6856'

18 Surface Location

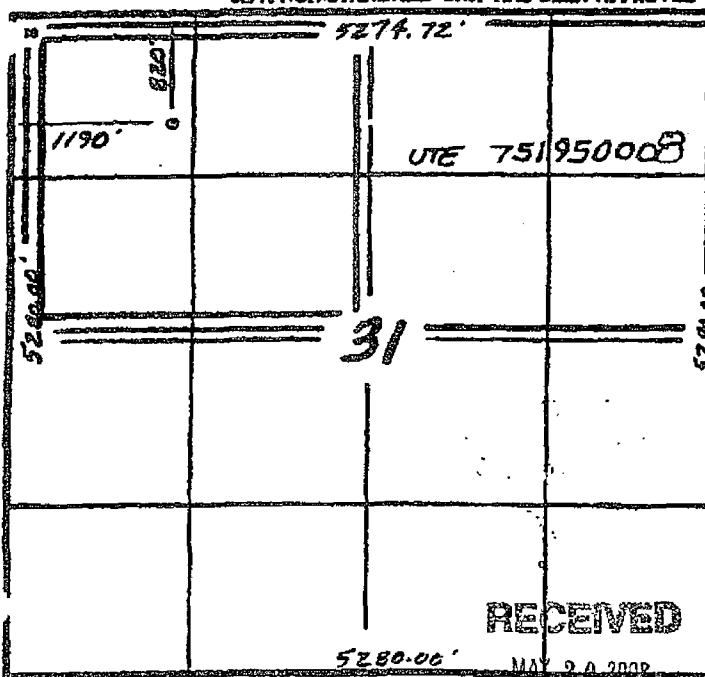
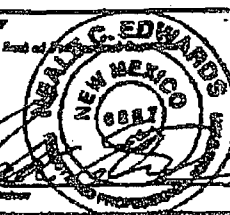
UL or lot no.	Section	Township	Range	Lot No.	Feet from sec	North/South line	Feet from sec	East/West line	County
D	31	32-N	14-W		820	North	1190	West	S.J.

19 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot No.	Feet from sec	North/South line	Feet from sec	East/West line	County

10 Registered Acres 820/160/160	11 John or L&L	12 Certification Code	13 Order No.
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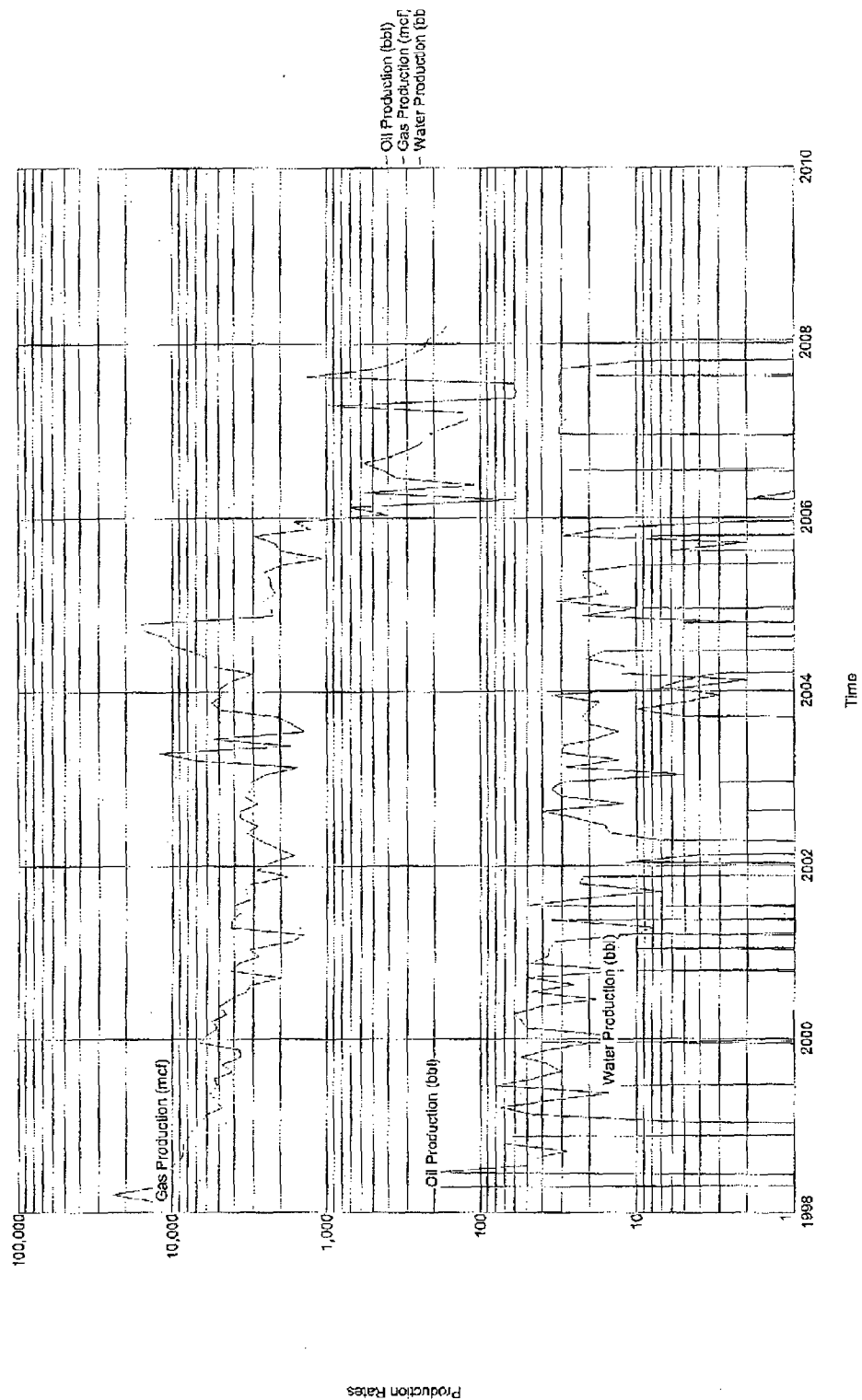
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Tracey N. Monroe</i> Signature Tracey N. Monroe Printed Name Regulatory Technician Date May 14, 2008 Title 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was placed from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 4/16/97 Date of Survey Signature and Seal of Surveyor 
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Bureau of Land Management
Durango, Colorado

Lease Name: UTE MOUNTAIN UTE
County, State: SAN JUAN, NM
Operator: BURLINGTON RESOURCES O&G CO LP
Field: BARKER DOME
Reservoir: DESERT CREEK
Location: 31 32N 14W NW NW

UTE MOUNTAIN UTE - BARKER DOME



SAN JUAN NM
 UTE MOUNTAIN UTE 48
 BURLINGTON RESOURCES O&G CO LP
 ACTIVE

Detailed Production Report

Lease Name:	UTE MOUNTAIN UTE	Well Number:	48
Lease Number:	018725	Cum Oil:	2,672 since APR 1998
Operator Name:	BURLINGTON RESOURCES O&G	Cum Gas:	477,508
State:	NEW MEXICO	Cum Water:	507 since JUN 1999
County:	SAN JUAN	First Production Date:	FEB 1998
Field:	BARKER DOME	Last Production Date:	MAR 2008
Sec Twn Rng:	31D 32N 14W	Spot:	NW NW
Latitude/Longitude:	36.94954 -108.35463	Lat/Long Source:	TS
Regulatory #:		Completion Date:	JAN 19, 1998
API:	30045294780000	Total Depth:	9450
Production ID:	2300430452947896353	Upper Perforation:	8845
Reservoir Name:	DESERT CREEK	Lower Perforation:	8904
Prod Zone:	DESERT CREEK	Gas Gravity:	
Prod Zone Code:	404DRCK	Oil Gravity:	
Basin Name:	SAN JUAN BASIN	Temp Gradient:	
Gas Gatherer:		N Factor:	
Liquid Gatherer:		GOR:	
Status:	ACTIVE		GAS

Annual Production			(11 years)
Year	Oil	Gas	Water
	BBLs	MCF	BBLs

Beginning

Cum:			
1998	695	124,220	
1999	471	61,496	57
2000	458	49,566	10
2001	246	36,566	31
2002	225	34,576	5
2003	250	50,477	23
2004	105	86,561	29
2005	173	24,847	8
2006	30	4,323	31
2007	18	4,312	283
2008	1	564	30
Totals:	2,672	477,508	507

Monthly Production

Date	Oil	Gas	Water	Cond Yld	% Water	# of	Days
MO/YR	BBLs	MCF	BBLs	STB/MMCF		Wells	on

FEB 1998	0	13,276					
MAR 1998	0	24,746				1	18
APR 1998	235	12,787		18.38		1	31
MAY 1998	0	11,873				1	30
JUN 1998	207	10,566		19.60		1	31
JUL 1998	50	10,030		4.99		1	30
AUG 1998	43	8,724		4.93		1	31
SEP 1998	28	8,544		3.28		1	30
OCT 1998	70	8,408		8.33		1	31
NOV 1998	62	7,794		7.96		1	30
DEC 1998	0	7,472				1	31
Totals:							
1998	695	124,220					
JAN 1999	5	6,541	0	0.77		1	31
FEB 1999	45	6,014	0	7.49		1	28
MAR 1999	74	4,780	0	15.49		1	31
APR 1999	34	5,300	0	6.42		1	30
MAY 1999	15	5,682	0	2.64		1	31
JUN 1999	78	5,120	17	15.24	17.89	1	30
JUL 1999	45	5,331	0	8.45		1	31
AUG 1999	30	4,091	0	7.34		1	31
SEP 1999	37	4,802	0	7.71		1	30
OCT 1999	55	3,610	0	15.24		1	31
NOV 1999	35	3,656	0	9.58		1	30
DEC 1999	18	6,569	40	2.75	68.97	1	31
Totals:							
1999	471	61,496	57				
JAN 2000	16	6,030	0	2.66		1	31
FEB 2000	50	5,102	0	9.81		1	29
MAR 2000	54	5,495	0	9.83		1	31
APR 2000	61	4,441	0	13.74		1	30
MAY 2000	40	5,008	0	7.99		1	31
JUN 2000	18	4,256	0	4.23		1	30
JUL 2000	47	3,346	0	14.05		1	31
AUG 2000	25	3,134	0	7.98		1	31
SEP 2000	50	1,977	0	25.30		1	30
OCT 2000	12	4,210	10	2.86	45.45	1	31
NOV 2000	48	3,765	0	12.75		1	30
DEC 2000	37	2,802	0	13.21		1	31
Totals:							
2000	458	49,566	10				
JAN 2001	36	3,131	10	11.50	21.74	1	31
FEB 2001	33	1,687	0	19.57		1	28
MAR 2001	10	1,429	13	7.00	56.52	1	31
APR 2001	8	4,202	0	1.91		1	30
MAY 2001	35	4,153	3	8.43	7.89	1	31
JUN 2001	0	3,629	0			1	30
JUL 2001	50	4,048	5	12.36	9.09	1	31
AUG 2001	22	3,051		7.22		1	31
SEP 2001	7	3,422		2.05		1	30
OCT 2001	23	3,162		7.28		1	31
NOV 2001	22	1,804		12.20		1	30

DEC 2001	0	2,348				1	31
Totals:							
2001	246	36,566	31				
JAN 2002	12	2,288	0	5.25		1	31
FEB 2002	4	1,632	0	2.46		1	28
MAR 2002	0	2,142	0			1	31
APR 2002	7	2,697	0	2.60		1	30
MAY 2002	15	3,298	0	4.55		1	31
JUN 2002	16	2,836	0	5.65		1	30
JUL 2002	24	3,619	0	6.64		1	29
AUG 2002	40	3,667	2	10.91	4.76	1	31
SEP 2002	12	2,817	0	4.26		1	30
OCT 2002	30	3,397	0	8.84		1	31
NOV 2002	35	3,078	0	11.38		1	30
DEC 2002	30	3,105	3	9.67	9.09	1	31
Totals:							
2002	225	34,576	5				
JAN 2003	5	2,504	0	2.00		1	31
FEB 2003	28	1,534	0	18.26		1	28
MAR 2003	13	6,965	0	1.87		1	31
APR 2003	30	12,093	0	2.49		1	30
MAY 2003	29	1,707	0	16.99		1	31
JUN 2003	18	5,436	0	3.32		1	30
JUL 2003	13	1,381	0	9.42		1	31
AUG 2003	20	1,682	0	11.90		1	31
SEP 2003	22	2,040	5	10.79	18.52	1	30
OCT 2003	20	4,792	10	4.18	33.33	1	31
NOV 2003	17	5,560	5	3.06	22.73	1	30
DEC 2003	35	4,783	3	7.32	7.89	1	31
Totals:							
2003	250	50,477	23				
JAN 2004	5	4,865	7	1.03	58.33	1	31
FEB 2004	2	4,115	5	0.49	71.43	1	29
MAR 2004	13	3,004	3	4.33	18.75	1	31
APR 2004	12	5,313	0	2.26		1	30
MAY 2004	21	5,890	0	3.57		1	31
JUN 2004	16	7,054	0	2.27		1	30
JUL 2004	0	10,078	0			1	31
AUG 2004	2	10,715	0	0.19		1	31
SEP 2004	0	14,967	0			1	30
OCT 2004	2	16,040	5	0.13	71.43	1	31
NOV 2004	22	2,234	0	9.85		1	30
DEC 2004	10	2,286	9	4.38	47.37	1	31
Totals:							
2004	105	86,561	29				
JAN 2005	32	2,568	0	12.47		1	31
FEB 2005	15	2,140	0	7.01		1	28
MAR 2005	17	2,290	0	7.43		1	31
APR 2005	21	2,317	0	9.07		1	30
MAY 2005	22	2,529	0	8.70		1	31
JUN 2005	10	1,979	0	5.06		1	30
JUL 2005	0	1,072	0			1	31
AUG 2005	6	1,970	0	3.05		1	31

SEP 2005	2	2,165	0	0.93		1	30
OCT 2005	29	2,916	8	9.95	21.62	1	31
NOV 2005	17	1,276		13.33		1	30
DEC 2005	2	1,625		1.24		1	31
Totals:							
2005	173	24,847	8				
JAN 2006	0	399	0			1	31
FEB 2006	0	710	0			1	28
MAR 2006	2	61	0	32.79		1	31
APR 2006	1	584	0	1.72		1	30
MAY 2006	0	109	0			1	31
JUN 2006	0	353	0			1	30
JUL 2006	27	422	0	63.99		1	31
AUG 2006		578	0			1	31
SEP 2006		377	0			1	30
OCT 2006		282	0			1	31
NOV 2006		235	0			1	30
DEC 2006		213	31			1	31
Totals:							
2006	30	4,323	31				
JAN 2007	0	166	31			1	31
FEB 2007	0	119	28			1	28
MAR 2007	0	130	31			1	31
APR 2007	0	1,021	30			1	30
MAY 2007	0	60	31			1	31
JUN 2007	0	59	30			1	30
JUL 2007	0	60	31			1	31
AUG 2007	18	1,347	31	13.37	63.27	1	31
SEP 2007		503	30			1	30
OCT 2007		341	10			1	31
NOV 2007		277				1	30
DEC 2007		229				1	31
Totals:							
2007	18	4,312	283				
JAN 2008	0	220	10			1	31
FEB 2008	0	178	10			1	29
MAR 2008	1	166	10	6.03	90.91	1	31
Totals:							
2008	1	564	30				

Gas Tests		Total count: 1								
API	Well	Test	WHSP	WHFP	BHP	BHP/Z	Water	Cond	Gas	AOF
Number	Number	Date					B/D	B/D	MCFD	MCFD
First Test										
30045294780000	48	19980119	2187				30		1000	

UTE MTN UTE 48 RC Data: Sep.2008-Sep.2008

Operator:
Field:
Zone:
Type:
Other:
Group: None

No.
Active:
Forecast:

Production Cums
Oil: 0 MSTB
Gas: 0 MMSCF
Water: 0 MSTB
Cond: 0 MSTB

Oil Rate - Bb/d
Cum: 0.00
Gas Rate - mcf/d
Cum: 0.00
Water Rate - Bb/d
Cum: 0.00

