submitted in lieu of Form 3160-5 UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

received

JUL 1 5 2011

DUREAU OF EA	IND MANAGEMENT			002 20 2011
Sundry Notices and R	eports on Wells			Curum of Larm Managum
Type of Well GAS		2 RECEIVED 6	5. 6. 7.	Lease Number I-22-IND-2772 If Indian, All. or Tribe Name Ute Mountain Ute Tribe Unit Agreement Name
Name of Operator BURLINGTON RESOURCES OF	IL & GAS COMPANY LP	OIL CONS. DIV. DISI 3)	C
. Address & Phone No. of O	perator	COZOTALET VI	- 8.	Well Name & Number Ute Mountain Ute 107
PO Box 4289, Farmington,			9.	API Well No.
. Location of Well, Footage,	Sec., T, R, M 563' FSL & 1024' FWL, Sec.	23 T32N R14W NMPM	10.	30-045- 3530 Field and Pool Ute Dome Paradox
, , ,	10' FSL & 1500' FEL, Sec. 2			Ote Dome 1 at audx
			11.	County and State San Juan Co., NM
		RE OF NOTICE, REPORT, O	THER	DATA
Type of Submission X Notice of Intent	Type of Action Abandonment Recompletion	X Change of Plans New Construction	$\frac{X}{X}$	Other – Drilling plans change P/L material change
Subsequent Report	Plugging Casing Repair	Non-Routine Fracturing Water Shut off		3
Final Abandonment	Altering Casing	Conversion to Injection		
3. Describe Proposed or Com	pleted Operations			-
A <u>new Technical plan is atta</u> 1. Pressure Control Equip	Gas Co., LP (BR) is proposing ched along with a revised BOF ment – changed to 3000 psi We hole size change and cement	P BOPE stack	the dril	ling plan for the subject w
for the gas line and 2-3" for installation is less evasive th water line in the same trench	the water line. Fiberspar is mo an conventional methods. Atta as the gas line. In the future verse time as we set the gas line.	from steel line to Fiberspar line ore effective at resisting corrosion the date the Product Data Sheet we will try to hook up all the new with eliminate future surface dis	on than c es for thi w wells	conventional lines and the s line. The $2-3$ " Fibersp to water gathering system
Also Attached is a revised	H2S contingency Plan since t	the H2S concentrations should	be grea	ater than 100 ppm.
4. I hereby certify that the fo	regoing is true and correct.			
Signed <u>Pally (Ill</u>	Title S	Sr, Regulatory Specialist D	ate <u>7/14</u>	/11
This space for Federal or State APPROVED BY CONDITION OF APPROVAL,	if any:	Ausc		Date <u> </u>
itle 18 U S C. Section 1001, makes it a crime for any e United States any false, fictitious or fraudulent stat	person knowingly and willfully to make any depar ements or representations as to any matter within it	rtment or agency of ts jurisdiction.		Balance Control of the control of th

Technical Plan

1. Geologic Tops

Surface bedrock formation is Menefee

Formation	, T	ор	Fluid
	MD (FT)	TVD (FT)	
MANCOS	609.00	609.00	No Fluids
GREENHORN	2,418.50	2,372.00	No Fluids
GRANEROS	2,477.20	2,427.00	No Fluids
MORRISON	2,802.70	2,732.00	Water
BLUFF	3,387.50	3,280.00	Water
ENTRADA	3,795.10	3,662.00	Water
CHINLE	4,328.70	4,162.00	No Fluids
SHINARUMP	4,957.30	4,751.00	Water
MOENKOPI	5,106.70	4,891.00	No Fluids
DE CHELLY	5,251.80	5,027.00	Water
CUTLER	5,379.80	5,147.00	Water
RICO	7,111.80	6,770.00	Water
HONAKER TRAIL	7,343.40	6,987.00	Water/Gas
ISMAY	8,293.20	7,877.00	Gas
DESERT CREEK	8,484.20	8,056.00	Gas
AKAH	8,645.30	8,207.00	Sour Gas
BARKER CREEK	8,874.80	8,422.00	Sour Gas
ALKALI GULCH	9,141.60	8,672.00	Sour Gas

2. Pressure control equipment – See attached diagram

- Total Depth = 8,927 ft TVD.
- Original Bottom Hole Pressure = 3,791 psi (estimated by reservoir engineer). Current estimated BHP = 2200 psi due to depletion.
- Minimum BOP Working Pressure = 3,791 psi (3,791 ft * 0.23 psi/ft) = 2,924 psi
- Well will be drilled with 3,000 psi BOPE stack.

3. Complete information on the drilling equipment, casing and cementing program

Proposed Casing And Cementing Program				
Size of Hole	Size of Casing	Wt./Foot	Setting Depth (MD)	Quantity of Cement
(Surface) 17-1/2"	13 3/8"	48#, H-40, ST&C, New	0′ - 800'	Cement to surface with 870 cu.ft, volume includes 50% excess in open hole, to consist of 870 cu.ft (696 sks) Type III cement + 0.25 lbs/sack Cello Flake + 58.9% Fresh Water mixed at 15.20 ppg. Compressive strength is

				1200 psi after 8 hours.
(Intermediate) 11"	8 5/8"	32#, J-55, LT&C, New	0' - 5358' Stage Tool +/- 2143'	Cement to surface in two stages, in the first stage , pump 995 cu.ft volume includes 20% excess in open hole, to consist of a Scavenger : 76 cu.ft (25 sks) Premium Lite High Strength FM + 0.3% bwoc CD-32 + 0.25 lbs/sack Cello Flake + 6.25 lbs/sack LCM-1 + 1% bwoc FL-52 + 177.9% Fresh Water mixed at 11.00 ppg. Lead slurry : 633 cu.ft (320 sks) of Premium Lite High Strength FM + 0.3% bwoc CD-32 + 0.25 lbs/sack Cello Flake + 6.25 lbs/sack LCM-1 + 1% bwoc FL-52 + 97.5% Fresh Water mixed at 12.50 ppg. Tail slurry : 286 cu.ft (207 sks) of Type III cement + 1% bwoc Calcium Chloride + 0.25 lbs/sack Cello Flake + 0.2% bwoc FL-52 + 58.9% Fresh Water mixed at 14.60 ppg. Slurries are extended to achieve stated densities and may include various additives to control seepage. TOC for tail: near 4,286' MD to ensure good cement above both casing exits. Second stage , (20% excess in open hole) pump 76 cu.ft (25 sks) of Scavenger , Premium Lite High Strength FM + 0.3% bwoc CD-32 + 0.25 lbs/sack Cello Flake + 6.25 lbs/sack LCM-1 + 1% bwoc FL-52 + 177.9% Fresh Water mixed at 11.0 ppg, then 715 cu.ft (361 sks) of Lead slurry (volume includes 20% excess in open hole) Premium Lite High Strength FM + 0.3% bwoc CD-32 + 0.25 lbs/sack Cello Flake + 6.25 lbs/sack LCM-1 + 1% bwoc FL-52 + 97.5% Fresh Water mixed at 12.50 ppg
(Production) 7-7/8"	5-1/2'	17#, L-80, LTC/BTC, New	0'-9414' Stage Tool +/- 7700'	Cement to 200' inside the previous 8-5/8" casing in two stages, in the first stage , pump 362 cu.ft volume, includes 20% excess in open hole, to consist of a Scavenger : 52 cu.ft (17 sks) Premium Lite High Strength FM + 0.25 lbs/sack Cello Flake + 0.3% bwoc CD-32 + 6.25 lbs/sack LCM-1 + 1.0% bwoc FL-52 + 180.6% Fresh Water mixed at 11.00 ppg. Lead slurry : 124 cu.ft (63 sks) Premium Lite High Strength FM + 0.25

Ute Mountain Ute #107

Ibs/sack Cello Flake + 0.3% bwco CD-
32 + 6.25 lbs/sack LCM-1 + 1.0% bwoc
FL-52 + 97.5% Fresh Water mixed at
1
12.50 ppg. Tail slurry : 186 cu.ft (136
sks) of Type III cement + 0.2% bwoc
R-3 + 0.2% bwoc CD-32 + 0.4% bwoc
FL-52 + 58.9% Fresh Water mixed at
14.60 ppg. Slurries are extended to
achieve stated densities and may
include various additives to control
seepage. TOC for tail: near 8,375' MD
to ensure good cement around
production zone. Second stage , (20%
excess in open hole) Scavenger: 52
cu.ft (17 sks) Premium Lite High
Strength FM + 0.25 lbs/sack Cello Flake
+ 0.3% bwoc CD-32 + 6.25 lbs/sack
LCM-1 + 1.0% bwoc FL-52 + 180.6%
Fresh Water mixed at 11.00 ppg. Lead :
pump 470 cu.ft (237 sks) of Premium
a 1
Lite High Strength FM + 0.25 lbs/sack
Cello Flake + 0.3% bwoc CD-32 + 6.25
Ibs/sack LCM-1 + 1.0% bwoc FL-52 +
97.5% Fresh Water mixed at 12.50 ppg

4. Information on Mud System

	The state of the s	Mud Progr	am	
Interval	Mud Type	Weight (ppg)	Water/Fluid Loss	Additives
Surface	Gel/Water	Air or 8.3 – 9.2	No Control	Gel
Intermediate	LSND or Gel system	8.4 – 9.2	Some control	Polymer and gel as required
Production	LSND	8.4-10	Some control	Polymer and LCM as required.

5. Testing, Logging, Coring -

- Logs at intermediate section: Triple Combo logs in open hole will be run to cover disposal zones log from intermediate TD to surface casing.
- Logs at production section: Platform Express (triple combo) from TD to intermediate casing.
- MWD (directional only) from under surface shoe to TD.
- Mudlogging: from 100' above Greenhorn (2318 ft MD & 2272 ft TVD) to final TD at 9,414 ft MD (8,927 ft TVD).
- · Coring: No coring is planned

Ute Mountain Ute #107

6. Expected BHP, abnormal temperatures and pressures, and hazards -

- No over-pressured intervals expected
- Require H2S contingent drilling plan. (Attached H2S Contingency Plan)
- No expecting lost circulation. The offset wells (Ute Mountain Ute #50 and Ute Mountain Ute #51) do not have lost circulation trouble reported. Attached are the operation summaries for these wells.

UTE MOUNTAIN UTE #50

Surface Location: 1800 FNL; 1850 FWL. Drilled on March, 1998

Ground Elevation: 6,231 ft RT Elevation: 6,231 ft Rig Elevation: 14 ft

Mud Drill Surface Shoe: 385 ft Production Shoe: 8690 ft

Big A 54 drilled 12 $\frac{1}{4}$ " surface hole to 389 ft. Ran 8 $\frac{5}{8}$ " 24#/ft, K-55 casing to 385 ft. Cemented w/ 57.3 bbls of class B Lead cement, returns 8 bbls of cement to surface. No problem reported. Drilled production hole w/ 7 $\frac{7}{8}$ " insert bit from 389' to 3475'. POOH to change bit and found lost cone in hole. It fished cone with magnet and junk sub. Continued drilling (Mud logger comments only Barker Dome well that has been this gassy in cutler, no new formation tops in last 24 hrs). POOH to change bit. Drilled to 7815 ft. POOH for new bit. Continued drilling to TD at 8692 ft. Attempt to run open hole log. Hit tight spot at 2524 ft and 2533, had to work tools free. POOH and R/D loggers. TIH w/clean assy, worked through bridges, raised vis to 80. finished TIH to cond mud. Ran open hole. TIH to clean hole. Ran 5 $\frac{1}{2}$ " $\frac{17}{7}$ ft, L-80, LTC casing and set shoe at 8690 ft. No losses reported. Cemented In two stages, circulated 20 bbls in first stage and 195 bbls in second stage.

Note: There were two trips to clean hole due to logs tools hit tight spot at 2479' in first trip, 2524' second trip and stuck it at 2533' for reactive shale from 2400 ft to 2600 ft. No lost circulation trouble reported.

UTE MOUNTAIN UTE #51

Surface Location: 1,500 FSL; 2,270 FWL. Drilled on May, 1998

Ground Elevation: 6,884 ft RT Elevation: 6,898 ft Rig Elevation: 14 ft

Mud Drill Surface Shoe: 8 5/8" at 1,436 ft Production Shoe: 5 ½" at 9,601 ft

Big A 54 drilled 12 $\frac{1}{4}$ " surface hole to 1447 ft. Ran 8 5/8" 24#/ft, K-55 casing to 1436 ft. Cemented w/ 229 bbls of class G lead cement, returns 100 bbls of cement to surface. No problem reported. Drilled production hole w/ 7 7/8" insert bit from 1436' to 2301'. POOH for plugged bit. Continued drilling 4115'. POOH to change bit. Drilled to 6038 ft. POOH for new bit. Continued drilling to 7904 ft. POOH twice more for new bit and continued drilling to TD at 9602 ft. Attempt to run open hole log and stuck at 9447'. Recover all logging tool. TIH w/clean assy. Ran 5 $\frac{1}{2}$ " 17#/ft, L-80, LTC casing and set shoe at 9601 ft. No losses reported. Cemented in two stages. Circulated 60 bbls in first stage and 93 bbls in second stage.

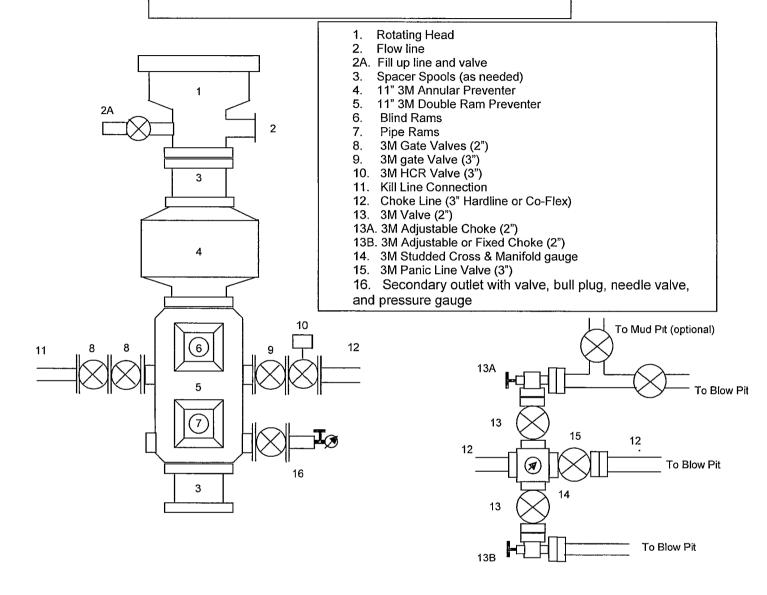
7. Other information -

Ute Mountain Ute #107

This well will be drill vertical to 1,000 ft (KOP), and then directional drilling to intermediate shoe point at 5,358' MD (5,127' TVD) with 2 degree of build rate to achieve 20.43 degrees inclination at 2021 ft and continue drilling with this inclination to intermediate TD. Run open hole logs from intermediate TD to surface shoe. Run 8 5/8" intermediate casing and cement. The production section will be directional drill holding 20.43 degrees of inclination to TD at 9,414 ft. Open hole logs will be run from TD to intermediate casing shoe. Run 5 1/2" production casing and cement in two stages.

BLOWOUT PREVENTER ARRANGEMENT & PROGRAM

3000 psi WP equipment





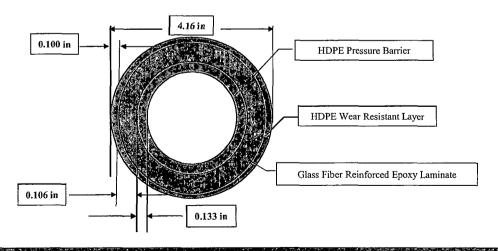
FS LP 4" 750 (E)

4 Inch Nominal, 750 Series Fiberspar LinePipe w/HDPE Pressure Barrier & HDPE External Wear Layer

Product Data Sheet (Imperial Units) ASTM 2996 Designation: RTRP-11HZ1-4112 FECN040025 Physical Properties:* Fiberspar s/n: Tensile Modulus Geometry 7.95E+05 Axial (psi) Outside Diameter (in) 4.16 1.02E+06 Inside Diameter (in) 3.48 Hoop (psi) Inside Flow Area (in²) 9.50 Poisson's Ratio 0.49 Total Wall Thickness (in) 0.34 Major C/S Area (in²) Minor 0.63 4.07 Linear Weight Thermal Exp. Coeff. Axial (in/in -°F) 1.35E-05 Linear Weight - Air (lb/ft) 2.26 Hoop (in/in -°F) 7.88E-06 Linear Weight - Water (lb/ft) 0.49 Thermal Conductivity Net Density (lb/in³) 0.046 Flow Coefficients (BTU/hour/ft2- in/oF) 1.92 Resin T_g Hazen - William's 150 0.0004 (°C) 125° Darcy-Wiesbach (°F) 257° 0.009 Manning

Mechanical Performance:

Maximum Operating Temperature	140 °F		
Minimum Operating Temperature	-29 °F	78 °F	140 °F
M D	ilia a Baranara (a.a.b)	750	750
Max Recommended Opera	ing Pressure (psi)	750	750
Nominal Ultimate Bu	rst Pressure (psi)	3,800	3,200
Maximum Recommended	Tensile Load (lbs)	7,960	6,400
Nominal Ultimate	Tensile Load (lbs)	19,900	15,900
Nominal Ultimate Comp	ressive Load (lbs)	-21,600	-17,500
Nominal Ultımate Colla	pse Pressure (psi)	150	150
Minimum Operating	Bend Radius (in)	99	99
Minimum Spoo	ling Diameter (in)	114	114



^{*} properties listed are valid for entire temperature range of the product unless otherwise specified



FS LP 3" 750 (E)

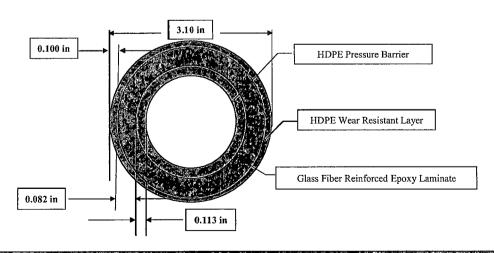
3 Inch Nominal, 750 Series Fiberspar LinePipe w/HDPE Pressure Barrier & HDPE External Wear Layer

Product Data Sheet (Imperial Units) Physical Properties:*		ASTM 2996 Designation:	RTRP-11HZ1-4112
		Fiberspar s/n:	FECN030025
Geometry		Tensile Modulus	
Outside Diameter (in)	3.10	Axial (psı)	7.57E+05
Inside Diameter (in)	2.51	Hoop (psi)	9.74E+05
Inside Flow Area (in ²)	4.94	Poisson's Ratio	
Total Wall Thickness (in)	0.29	Major	0 49
C/S Area (in ²)	2.60	Minor	0.63
Linear Weight		Thermal Exp. Coeff.	
Linear Weight - Air (lb/ft)	1.40	Axial (in/ın -°F)	1.40E-05
Linear Weight - Water (lb/ft)	0.27	Hoop (ın/in -°F)	8.21E-06
Net Density (lb/in ³)	0.045	Thermal Conductivity	
Flow Coefficients		(BTU/hour/ft²- in/°F)	1.92
Hazen - William's	150	Resin T _g	
Darcy-Wiesbach	0.0004	(°C)	125°
Manning	0.009	(°F)	257°

^{*} properties listed are valid for entire temperature range of the product unless otherwise specified

Mechanical Performance:

Maximum Operating Temperature Minimum Operating Temperature	140 °F -29 °F	78 °F	140 °F
Max, Recommended Opera	ting Pressure (psi)	750	750
Nominal Ultimate B	urst Pressure (psi)	4,000	3,400
Maximum Recommended	Tensile Load (lbs)	4,480	3,600
Nominal Ultimate	Tensile Load (lbs)	11,200	8,900
Nominal Ultimate Comp	oressive Load (lbs)	-12,100	-9,800
Nominal Ultimate Colla	pse Pressure (psi)	200	200
Minimum Operating	g Bend Radius (in)	72	72
Minimum Spoo	ling Diameter (in)	96	96





FS LP 2 1/2" 750 (E)

2 1/2 Inch Nominal, 750 Series Fiberspar LinePipe w/HDPE Pressure Barrier & HDPE External Wear Layer

Product Data Sheet (1)	nperial Units)	ASTM 2996 Designation:	RTRP-11HZ1-4112
Physical Properties:*		Fiberspar s/n:	FECN025025
Geometry		Tensile Modulus	
Outside Diameter (in)	2.54	Axial (psi)	8.29E+05
Inside Diameter (in)	2.00	Hoop (psi)	1.07E+06
Inside Flow Area (in ²)	3.15	Poisson's Ratio	
Total Wall Thickness (in)	0.27	Major	0.49
C/S Area (in²)	1.93	Minor	0.63
Linear Weight		Thermal Exp. Coeff.	
Linear Weight - Air (lb/ft)	1.05	Axial (ın/in -°F)	1.31E-05
Linear Weight - Water (lb/ft)	0.21	Hoop (in/in -°F)	7.61E-06
Net Density (lb/in ³)	0.045	Thermal Conductivity	
Flow Coefficients		(BTU/hour/ft²- in/°F)	1.92
Hazen - William's	150	Resin T _g	
Darcy-Wiesbach	0.0004	(°C)	125°
Manning	0.009	(°F)	257°

^{*} properties listed are valid for entire temperature range of the product unless otherwise specified

Mechanical Performance:

Maximum Operating Temperature	140 °F		
Minimum Operating Temperature	-29 °F	78 °F	140 °F
Max. Recommended Operat	ing Pressure (psi)	750	750
Nominal Ultimate Bu	rst Pressure (psi)	4,800	4,100
Maximum Recommended	Tensile Load (lbs)	3,480	2,800
Nominal Ultimate	Tensile Load (lbs)	8,700	6,900
Nominal Ultimate Compressive Load (lbs)		-9,400	-7,600
Nominal Ultimate Collapse Pressure (psi)		400	400
Minimum Operating	Bend Radius (in)	59	59
Minimum Spoo	ling Diameter (in)	78	78

