UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

a.	Type of Work DRILL	7885 AUS 17 PT 1 2		5. Lease Number NMNM-689	
		RECEIVED		Unit Reporting N	lumber
•	Type of Well GAS	070 FARMINGTON ()	5 l	6. If Indian, All. or	Tribe
	Operator BURLINGTON			7. Unit Agreement	Name
	RESOURCES (Oil & Gas Company			
	Address & Phone No.			8. Farm or Lease N	lame
	PO Box 4289, E	Farmington, NM 87499		Reese Me	esa
	(505) 326-9700			9. Well Number #101S	
	Location of Well			10. Field, Pool, Wil	dcat
	Unit H (SENE), 1	1870' FNL, 805' FEL		Basin Fruitlan	
	- 50	0272/N	4.1	11. Sec., Twn, Rge,	Mer. (NMPM)
	Latitude 36° 59.		H	Sec. 13, T32N,	R8W
	Longitude 107° 3	37.2216'W		API# 30-045-33	286
'.	Distance in Miles from	n Nearest Town		12. County	13. State
	33 miles from th	ne Post Office in Blanco, N	M	San Juan	NM
	Distance from Propos	ed Location to Nearest Property or Le	ase Lin	e	
5 .	Acres in Lease			17. Acres Assigned 320 E/2	d to Well
•		ed Location to Nearest Well, Drlg, Cor	mpl, or	Applied for on this L	ease
١.	54' - Reese Mesa Proposed Depth	#3		20. Rotary or Cable	e Tools
	3433'			Rotary	
	Elevations (DF, FT, GI 6496' GL	R, Etc.)		22. Approx. Date V	Work will Start
3.	Proposed Casing and				
	See Operations	Plan attached			
ı .	Authorized by:	Lmanda Sandara		9-1	7-05
•		llatory Compliance Assistan	t II	Da	ate
<u> </u>	Regu	ulatory Compliance Assistan	t II	Da	ate
RM	IT NO.	APPROV	AL DAT	re	

Archaeological Report attached

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

NMOCD

DISTRICT I 1625 N. French Dr., Hobbs, N.M. 68240

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised August 15, 2000

DISTRICT II 811 South First, Artesia, N.M. 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION

2040 South Pacheco Santa Fe, NM 87505 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

2005 AUG 17 PM 1 1 A AMENDED REPORT

DISTRICT IV 2040 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1API Number 30-045 - 33286		*Pool Code 71629	070 FAR POR NEW Basin Fruitland Coal	
*Property Code 18606	³ Property Name REESE MESA		• •	⁶ Well Number 101S
*OGRID No.			*Operator Name	* Rievation
14538		BURLINGTON RESOUR	CES OIL AND GAS COMPANY LP	6496'

¹⁰ Surface Location									
UL or lot no. H	Section 13	fownship 32-N	Range 8-W	Lot Idn	Feet from the 1870'	North/South line NORTH	Feet from the 805'	East/West line EAST	County SAN JUAN
11 Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West lime	County
Dedicated Acre	L		th Joint or	Infill	¹⁴ Consolidation (code	¹⁵ Order No.	<u> </u>	<u></u>
320 E/2			l				ł		

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

	INAIG-NUN A NU	DAKU UNII DAS B	EEN APPROVED BY	THE DIVIDION
16	N 63' 02 584	' 42" ¥ 1.66' LAT: 36'59.0373' N. LONG: 107'37.2216' V.		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein to true and complete to the best of my knowledge and belief
		NAD 1987	1870,	Signature Patsy Clugston Printed Name Sr. Regulatory Specialist
	1:	3 ————————————————————————————————————	M −6892 ≈	Title 7/7/05 Date 18 SURVEYOR CERTIFICATION I hereby certify that the wall location about on this pla was plotted from field noise of actual surveys made by me or under my supervision, and that the same is true
		<u> </u>		Date of Survey 1005 C
	,			Cortificate Number 15703

Submit 3 Copies To Appropriate District Office	State of New Mexico	Form C-103
District I	Energy, Minerals and Natural Resources	May 27, 2004
1625 N. French Dr., Hobbs, NM 88240 District II		WELL API NO. 30-045- 33286
1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION	5. Indicate Type of Lease
District III	1220 South St. Francis Dr.	STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 87505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM 87505	5	NMNM-6892
	S AND REPORTS ON WELLS O DRILL OR TO DEEPEN OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name
DIFFERENT RESERVOIR. USE "APPLICATION		Reese Mesa
PROPOSALS.)		
1. Type of Well: Oil Well Gas Well X	Other	8. Well Number
2. Name of Operator	one,	9. OGRID Number
BURLINGTON RESOU	JRCES OIL & GAS COMPANY LP	14538
3. Address of Operator 3401 F. 30TH STRE	ET, FARMINGTON, NM 87402	10. Pool name or Wildcat Basin Fruitland Coal
4. Well Location		Dashi Frantana Coai
	feet from the North line and Township 32N Range 8W	805 feet from the <u>East</u> line
Section 13 11. E	Township 32N Range 8W Elevation (Show whether DR, RKB, RT, GR, etc.)	NMPM County San Juan, NM
	6496'	He constitute that the con
Pit or Below-grade Tank Application X	. 	>1000' Distance from nearest surface water
Pit type New Drill Depth to Groundwar Pit Liner Thickness: 12		
	mil Below-Grade Tank: Volume	bbls; Construction Material
	ppropriate Box to Indicate Nature of No	· -
NOTICE OF IN	I	SUBSEQUENT REPORT OF: AL WORK ALTERING CASING
TEMPORARILY ABANDON		ICE DRILLING OPNS. P AND A
DULL OD ALTED CACING	MULTIPLE COMPL CASING/	CEMENT JOB
PULL OR ALTER CASING		OCIVICIA 1 30B
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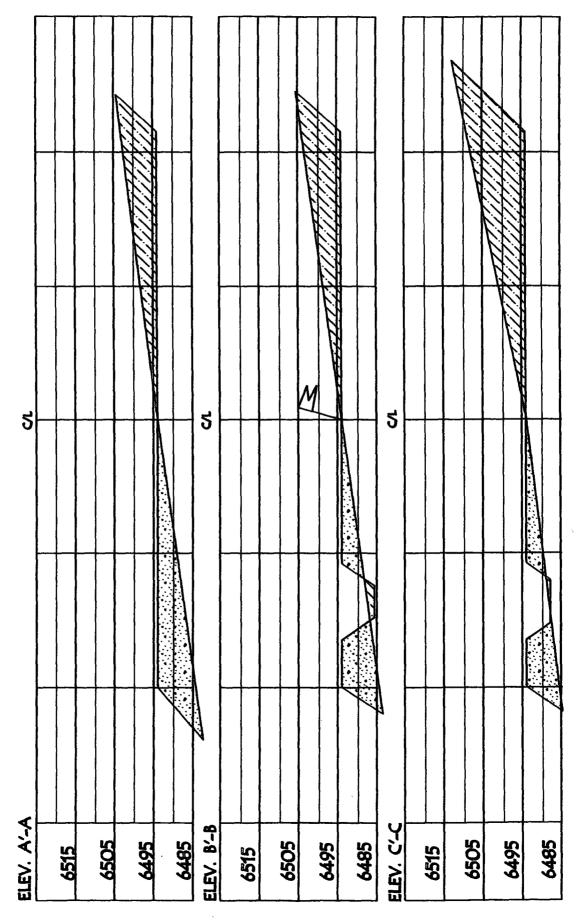
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OIL & GAS COMPANY LP FNL & 805' FEL PM, SAN JUAN COUNTY, NM 505' X 340' - 2.38 ACRES JOL ZMPM BURLINGTON RESOURCES OIL REESE MESA 1015, 1870' FN SECTION 13, T-32- N, R-8-W, NMPM HOO Man of Ext #80 **333** DIKE þ 50' CONSTRUCTION ZONE

LATITUDE: 36' 59,0573' LONGITUDE: 107' 57,2216' NAD27

RESERVE HIT DIKE. TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AUD 1' ABOVE SHALLOW SIDE).

BURLINGTON RESOURCES OIL & GAS COMPANY LP REESE MESA 1015, 1870' FNL & 805' FEL SECTION 13, T-32- N, R-8-W, NMPM, SAN JUAN COUNTY, NM GROUND ELEVATION: 6496', DATE: JUNE 22, 2005



CONTRACTOR SHOVID CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPLINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION. NOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.

submitted in lièu of Form 3160-5

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	Sundry Notices and Reports on Wells, AUG 26 60 8 42		
1.	RECEIVED Type of Well GAS RECEIVED 070 FARMINGTON (1)	5. 6.	Lease Number NMNM-6892 If Indian, All. or Tribe Name
2.	Name of Operator BURLINGTON RESCURCES OIL & GAS COMPANY LP	7.	Unit Agreement Name
 3.	Address & Phone No. of Operator	8.	Well Name & Number
	PO Box 4289, Farmington, NM 87499 (505) 326-9700	9.	Reese Mesa #101S API Well No.
4.	Location of Well, Footage, Sec., T, R, M		30-045- 33284
••	Document of World Country States of the Coun	10.	Field and Pool
	Unit H (SENE), 1870' FNL & 805' FEL, Section 13, T32N, R8W, NMPM	11.	Basin Fruitland Coal County and State San Juan Co., NM
	CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, C Type of Submission X Notice of Intent Abandonment Recompletion Subsequent Report Plugging Casing Repair Vater Shut off Final Abandonment Altering Casing Conversion to Injection	OTHER T	OCT 2005
Thatt	3. Describe Proposed or Completed Operations the subject well's sump was denied and therefore the drilling Operations Plan needs to be revitached. Note that new TD is 3344'.	ised. See	the new Operational Plan
	4. I hereby certify that the foregoing is true and correct. igned	ry Speica	llist Date <u>8/25/05</u>
Al Co	This space for Federal of State Office use) PPROVED BY ONDITION OF APPROVAL, if any: Title		Date /5/5/65
Titl the	le 18 U.S.C. Section 1001, makes it a crime for any person knowingly-and willfull to make any department or agency of United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		NWOCD

OPERATIONS PLANS FOR FRUITLAND COAL WELLS

Well Name: Rees

Reese Mesa #1015

Location:

Unit H, 1870' FNL, 805' FEL Sec. 13 T-32-N, R-8-W

San Juan County, NM Latitude 36° 59.0373'N Longitude 107° 37.2216'W

Formation:

Basin Fruitland Coal

Formation Tops:	Top	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2140'	
Ojo Alamo	2140'	2172'	aquifer
Kirtland	2172'	3055'	gas
Top/Fruitland Coal	3055'		gas
Base/Fruitland Coal	3343'		
Intermediate TD	3106'		
Pictured Cliffs	3345'		gas
TD	3344		-

Logging Program:

Mudlog from intermediate to TD Cores - none

Mud Program:

<u>Interval</u>	Type	<u>Weight</u>	<u>Vis.</u>	Fluid Loss
0- 120'	Spud Mud/Air/Air Mist	8.4-9.0	40-50	no control
120'- 3106'	LSND/Clear Water/	8.4-9.0	30-60	no control
	Starch-Polymer			
3106' - 3344'	Air/Mist			

Circulating media will be contractor dependent.

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program (as listed, the equivalent, or better):

Hole Size	Depth Interval	Csq.Size	<u>Wt.</u>	Grade
12 1/4"	0' - 120'	9 5/8"	32.3#	H-40
8 3/4"	120' - 3106'	7"	20.0#	J-55
6 1/4"	3106'- 3344'	5 ½"	15.5#	J-55
			or open ho	ماه

Tubing Program:

0' - 3344' 2 3/8" 4.7# J-55

BOP and tests:

Surface to intermediate TD - 11" 2000 psi (minimum) double gate BOP stack (Reference Figure #1). Prior to drilling out surface casing, test BOPE to 600 psi for 30 min.

Intermediate TD to Total Depth - 7 1/6" 2000 psi (minimum) completion BOP stack (Reference Figure #2). Prior to drilling out intermediate casing, test BOPE and casing to 1500 psi for 30 minutes.

From surface to 7" TD - a choke manifold will be installed in accordance with Onshore Order No. 2 (Reference Figure #3). When the cavitation completion rig drills the production hole, the completion rig configuration will be used (Reference Figure #4). Na shake manifolds will be used on savitation in a production of the completion of

Wellhead Equipment: $9.5/8" \times 7" \times 2.3/8" \times 11"$ 2000 psi xmas tree assembly.

General -

- Pipe rams will be actuated once each day and blind rams will be actuated once each trip to test proper functioning.
- An upper kelly cock valve with handle available and drill string valves to fit each drill string will be available on the rig floors at all times.
- BOP pit level drill will be conducted weekly for each drilling crew.
- All BOP tests and drills will be recorded in daily drilling reports.
- Blind and pipe rams will be equipped with extension hand wheels.

Cementing:

9 5/8" surface casing Pre-Set **addition** (11867) & 1.20 field. [4.5ppg, 1.Col field (Bring cement to surface). Wait on cement for 24 hours for pre-set holes before pressure testing or drilling out from under surface.

9 5/8" surface casing Conventionally w/88sx (113cf) @ 1.28 yield.

Cement with Type III cement with 0.25 pps Celloflake, 3% calcium chloride. (200% excess, bring cement to surface). Wait on cement appropriate time until cement achieves 250 psi compressive strength at 60 degrees F. prior to nipple up of BOPE. Wait on cement for 8 hrs for conventionally set holes before pressure testing or drilling out from under surface. Test casing to 600 psi for 30 minutes.

Saw tooth guide shoe on bottom. Bowspring centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing w/316sx (673cf) @ 2.13 yield. Lead with Premium Lite H5 FM w/3% CaCl2, 0.25#/sx Flocelle, 5#/sx LCM-1, 0.4% FL-52 & 0.4% SMS (50% excess to circulate to surface). WOC minimum of 8 hours before drilling out intermediate casing. If cement does not circulate to surface, a CBL or a temperature survey will be run to determine TOC. Test casing to 1500 psi for 30 minutes.

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. Bowspring centralizers spaced every other joint off bottom, to the base of the Ojo Alamo. Two turbolating centralizers at the base of the Ojo Alamo. Bowspring centralizers spaced every fourth joint from the base of the Ojo Alamo to the base of the surface casing.

Cementing cont.

5 1/2" liner - will not be cemented if run.

Note: If open hole logs are run, cement volumes will be based on 25% excess over caliper volumes.

• If hole conditions permit, an adequate water spacer will be pumped ahead of each cement job to prevent cement/mud contamination or cement hydration.

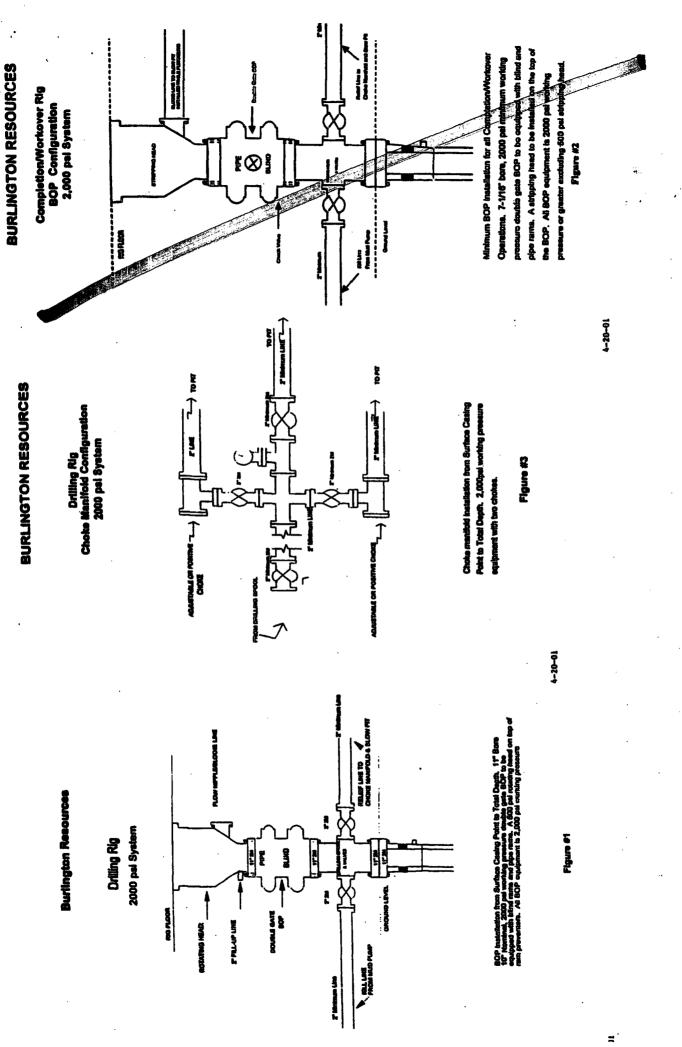
Additional information:

- * The Fruitland Coal formation will be completed.
- * No abnormal temperatures or hazards are anticipated.
- * Anticipated pore pressure for the Fruitland is less than 500 psi.
- * This gas is dedicated.

Daniel Braxton

Brilling Engineer

Date



BURLINGTON

RESCURCES

Figure 14

Cavitation Rig

BOP Configuration

2,000 psi Minimum System

