UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

a.	Type of Work DRILL	5. Lease Number NMNM-03862 Unit Reporting Number mington,
lb.	Type of Well GAS	6. If Indian, All. or Tribe
2.	Operator BURLINGTON RESCURCES OIL & GAS COMPANY LE	7. Unit Agreement Name UG 2004 San Juan 28-4 Unit
	Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499	San Juan 28-4 Unit 9. Well Number
	(505) 326-9700	9(S) 26A
l.	Location of Well 1750' FSL, 530' FEL	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM)
	Latitude 36° 39.54 Longitude 107° 17.04	T Sec. 18, T-28-N, R-4-V API# 30-039- 27636
14.	Distance in Miles from Nearest Town 12 miles from Gobernador	12. County 13. State Rio Arriba NM
5.	Distance from Proposed Location to Nearest Property or Lea	ase Line
16.	Acres in Lease	17. Acres Assigned to Well
8.	Distance from Proposed Location to Nearest Well, Drlg, Com 2100'	npl, or Applied for on this Lease
9.	Proposed Depth 6944'	20. Rotary or Cable Tools Rotary
1.	Elevations (DF, FT, GR, Etc.) 7422′ GR	22. Approx. Date Work will Start
23.	Proposed Casing and Cementing Program See Operations Plan attached	
.4 .	Authorized by: Manage Oltmanus Senior Staff Specialist	2-24-04 Date
ERM	IIT NO. APPROVA	
	OVED BY SMANLE BY TITLE AF	

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

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.

District I * PO Box 1980, Hobbs, NM 88241-1980

District II PO Drawer DD, Artesia, NM 88211-0719

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV PO Box 2088, Santa Fe, NM 87504-2088

1313.40

1320.00

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

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1F	Property	Code			C	⁵Propert S∆N JU∆N	~				*Well Number 26A
	7459 'OGRID N	No .		SAN JUAN 28-4 UNIT Operator Name					*Elevation		
14538		BURLINGTON RESOURCES OIL & GAS COMPAN			ANY, LP		7422				
						¹⁰ Surface	Location				
u.o	r lot no. I	Section 18	Township 28N	Range 4W	Lot Idn	Feet from the 1750	North/South 1i	ne F	eet from the 530	East/West li EAST	RIO
		10		Bottom	Hole L	<u> </u>	f Differe	nt Er	om Surf	L	ARRIBA
UL 0	r lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South 11		eet from the	East/West li	ne County
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NO	ALLUN	IADLE N	OR A	NON-ST	ANDARD	UNIT HAS B	EEN APPROVE	ED BY	THE DIVI	SION	CONSOLIDATED
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2640.001

Certificate Number

15269

Note: Contractor should call One-Call for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least two (2) working days prior to construction

7404'

OPERATIONS PLAN

Well Name: San Juan 28-4 Unit #26A

Location: 1750'FSL, 530' FEL, Section 18, T-28-N, R-4-W

Rio Arriba County, New Mexico

Latitude 36° 39.54, Longitude 107° 17.04

Formation: Blanco Mesa Verde

Elevation: 7422'GL

Formation Tops:	Top	Bottom	Contents
Surface	San Jose	3694'	
Ojo Alamo	3694 ′	3899'	aquifer
Kirtland	3899'	4159'	gas
Fruitland	4159'	4394'	
Pictured Cliffs	4394'	4514'	gas
Lewis	4514'	5024'	gas
Intermediate TD	4764'		
Huerfanito Bentonite	502 4′	5364′	gas
Chacra	5364′	6224'	gas
Cliff House	6224'	6244'	
Menefee	6244′	6544'	gas
Point Lookout	6544'		gas
TD	6944'		

Logging Program:

Mud Logs/Coring/DST -

Mud logs - none

Coring - none

DST - none

Open hole - none

Cased hole - Gamma Ray, CCL, CBL - surface to TD

Mud Program:

Interval	<u>Type</u>	Weight	Vis.	Fluid Loss
0- 200'	Spud MUD/Air/Air Mist	8.4-9.0	40-50	no control
200- 4764'	LSND	8.4-9.0	30-60	no control
4764- 6944'	Air/Air Mist/Nitrogen	n/a	n/a	n/a

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	Csg.Size Wt.	Grade
12 1/4"	0' - 200'	9 5/8" 32.3#	H-40
8 3/4"	0' - 4000'	7" 20.0#	J-55
8 3/4"	4000' - 4764'	7" 23.0#	L-80
6 1/4"	4664' - 6944'	4 1/2" 10.5#	J-55

Tubing Program: 0' - 6944' 2 3/8" 4.7# J-55

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

Intermediate TD to Total Depth -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out intermediate casing, rams and casing will be tested to 1500 psi for 30 minutes.

Surface to Total Depth -

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

Completion Operations -

7 1/16" 2000 psi double gate BOP stack (Reference Figure #2). After nipple-up prior to completion, pipe rams, casing and liner top will be tested to 2000 psi for 15 minutes.

Wellhead -

9 5/8" x 7" x 2 3/8" x 2000 psi 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 drill crew.
- All BOP tests & 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 conventionally drilled - Cement with 147 sacks Type III cement with 0.25 pps Celloflake, 3% calcium

chloride. (188 cu.ft.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.

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

- 7" intermediate casing -
 - Lead with 441 sacks Premium Lite cement with 3% calcium chloride, 0.25 pps Celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% sodium metasilicate. Tail w/90 sacks Type III cmt w/1% calcium chloride, 0.25 pps Celloflake, 0.2% fluid loss (1064 cu.ft., 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.
- 7" intermediate casing alternative two stage: Stage collar set 300' above the top of the Fruitland. First stage: Lead with 38 sacks Premium Lite cmt w/3% calcium chloride, 0.25 pps Celloflake, 0.4% fluid loss, 5 pps LCM-1, 0.4% sodium metasilicate. Tail with 90 sacks with Type III cement with 1% calcium chloride, 0.25 pps Celloflake, 0.2% fluid loss. Second stage: 404 sacks with Premium Lite cement with 3% calcium chloride, 0.25 pps Celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% sodium metasilicate (1064 cu. ft.-50% excess to circulate to surface).

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 @ 3899'. Two turbolating centralizers at the base of the Ojo Alamo 3899'. Bowspring centralizers spaced every fourth joint from the base of the Ojo Alamo to the base of the surface casing.

4 1/2" Production Liner -

Cement to cover minimum of 100' of 4 1/2" x 7" overlap. Cement with 164 sacks Premium Lite HS w/ 0.25 pps Celloflake, 0.3% CD-32, 6.25 pps LCM-1 and 1% FL-52. (325 cu.ft., 40% excess to cement 4 1/2" x 7" overlap). WOC a minimum of 18 hrs prior to completing.

Cement float collar stacked on top of float shoe.

Operations Plan - San Juan 28-4 Unit #26A

Page Three

Cement float collar stacked on top of float shoe.

Note: If open hole logs are run, cement volumes will be based

on 25% excess over caliper volumes.

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. The liner hanger will have a rubber packoff.

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

Special Drilling Operations (Air/Mist Drilling):

The following equipment will be operational while air/mist drilling:

- An anchored blooie line will be utilized to discharge all cuttings and circulating medium to the blow pit a minimum of 100' from the wellhead.
- The blooie line will be equipped with an automatic igniter or pilot light.
- Compressors will be located a minimum of 100' from the wellhead in the opposite direction from the blooie line.
- Engines will have spark arresters or water cooled exhaust.
- The rotating head will be properly lubricated and maintained.
- A float valve will be utilized above the bit.
- Mud circulating equipment, water, and mud materials will be sufficient to maintain control of the well.

Additional Information:

- The Mesa Verde formation will be completed.
- No abnormal temperatures or hazards are anticipated.
- Anticipated pore pressures are as follows:

Fruitland Coal 300 psi Pictured Cliffs 600 psi Mesa Verde 700 psi

- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered below the top of the Pictured Cliffs.
- The south half of Section 18 is dedicated to the Mesa Verde.
- This gas is dedicated.

fean Corrigan

Prilling Engineer

Date

Telmany 25, 2004

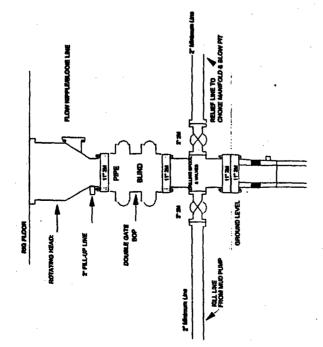
Completion/Workover Rig BOP Configuration 2,000 psi System

Drilling Rig Choke Manifold Configuration 2000 psi System

BURLINGTON RESOURCES

Burlington Resources

2000 psi System Orilling Rig



ADAUSTABLE OR POSITIVE CHORE

Choke manifold installation from Surface Casing Point to Total Depth. 2,000psi working pressure equipment with two chokes.

Figure #3

4-20-01

Figure #1

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pressure double gate BOP to be equipped with blind and sipe rams. A stripping head to be installed on the top of Minimum BOP Installation for all Completion/Workover Operations. 7-1/16" bore, 2000 psi minimum worlding pressure or greater exctuding 500 psi stripping head. the BOP. All BOP equipment is 2000 psi working Figure #2

4-20-01