UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

a.	Type of Work	5. Lease Number
	DRILL 6780	NM-03862
		Unit Reporting Number Farmington
		MV-8910010510
	SEP 2005	DK-891001051B
b.		6. If Indian, All. or Tribe
	IR OIL CONS. DIV	
	Operator DIST. 3	7. Unit Agreement Name
	BURLINGTON (S)	•
	RESOURCES Oil & Gas Company	San Juan 28-4 Unit
	6655 55 55 V	ban dan 20 1 dilit
	Address & Phone No. of Operator	8. Farm or Lease Name
•	PO Box 4289, Farmington, NM 87499	San Juan 28-4 Unit
	20 Bon 1807, Larmington, M. 07133	9. Well Number
/	(505) 326-9700	#34N
	(303) 320-3700	#34N
	Location of Well	10. Field, Pool, Wildcat
•	1070' FNL, 600' FWL	Blanco Mesaverde/Basin Dakota
1	10.0 IND, 000 IND	11. Sec., Twn, Rge, Mer. (NMPM)
2+++	tude 36° 38.1452'N, Longitude 107° 17.8635'W	
atil	tude 30 30.1432 N, hongitude 10/- 17.0035 W	Sec. 30, T28N, R04W
		API # 30-039- 27610
4.	Distance in Miles from Nearest Town	12. County 13. State
₹.	16 miles to Gobernador	Rio Arriba NM
	10 MILES CO GODELHAGOI	RIO ALLIDA NM
5.	Distance from Proposed Location to Nearest Property or Lease	line
٠.	600'	Line
6.	Acres in Lease	17. Acres Assigned to Well
.	7.0.00 III E0000	MV-319.65 N/2
		DK-319.04 W/2
		DR 313.04 W/Z
8.	Distance from Proposed Location to Nearest Well, Drlg, Compl,	or Applied for on this Lease
٠.	2300'	or Applica for on this Louse
9.	Proposed Depth	20. Rotary or Cable Tools
••	8736'	Rotary
		Rocary
1.	Elevations (DF, FT, GR, Etc.)	22. Approx. Date Work will Start
	7334' GR	
3.	Proposed Casing and Cementing Program	
	See Operations Plan attached	
	•	
	$\left(\begin{array}{c} \left(\begin{array}{c} \left(\begin{array}{c} \left(\begin{array}{c} \left(\right) & \left(\begin{array}{c} \left(\right) & \left(\right) & \left(\right) \\ \left(\begin{array}{c} \left(\right) & \left(\right) & \left(\left(\right) & \left(\left(\right) & \left(\left(\right) & \left(\left(\right) & \left(\left(\left(\right) & \left(\left(\left(\right) & \left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left(\left$	212121
4.	Authorized by:	≥13104 .
	Regulatory Specialist	Date
	3 0 1 1	
ERMI	IT NO. APPROVAL I	DATE
		15- 2/-/
	OVED BY Mayne conserve TITLE //c/m	9/4/1 DATE 9/2/03
PPRC		
PPRC		
	eological Report attached	

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

This action is subject to rechnical and procedural review pursuant to 43 CFR 3165.6 and appeal pursuant to 43 CFR 3165.4

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.

PO Box 1980, Hobbs, NM 88241-1980

Energy, Minerals & Natural Resources Department

Revised February 21, 1994 Instructions on back Submit to Appropriate District Office

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

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

State Lease - 4 Copies Fee Lease - 3 Copies

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

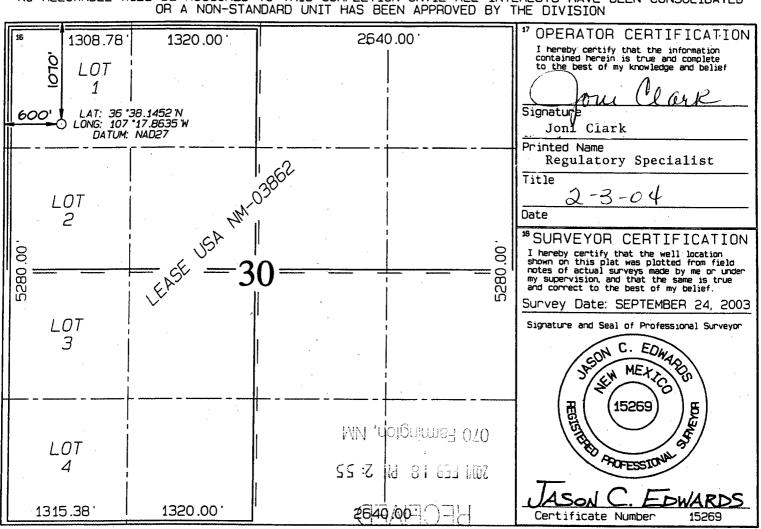
AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number			*Pool Coo	de	³Pool Name					
·30-039-			715	71599/72319		Basin Dakota/Blanco Mesaverde				
Property Code				°Property Name			. W	*Well Number		
7459				SAN JUAN 28-4 UNIT					34N	
'OGRID No.				*Operator Name				91	°Elevation	
14538 E			BURLI	NGTON F	IGTON RESOURCES OIL & GAS COMPANY LP				7334	
		-			¹⁰ Sunface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
D	30	28N	4W		1070	NORTH	600	WEST	RIO ARRIBA	
		11 [Bottom	Hole L	ocation I	f Different	From Sur	face		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the .	East/West line	County	
Dedicated Acres		<u> </u>	319.41	ole	¹³ Joint or Infill	¹⁴ Consolidation Code	²⁵ Order No.			
DK W/319	•04	MV N/	319. 🙀						•	
NIO ALLOW	14DL E 14	דוו פר	ACCIONE	TO THE	TS COMPLETE	ON LINETI ALL	TAITEDEETC !	IAVE DEEN CO	NCOL TO LEC	

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



LATITUDE: 36°38'09"

SAN JUAN 28-4 UNIT #34N, 1070' FNL & 600' FWL

OPERATIONS PLAN

Well Name: San Juan 28-4 Unit #34N

Location: 1070'FNL, 600' FWL, Section 30, T-28-N, R-4-W

Rio Arriba County, New Mexico

Latitude 36° 38.15'N, Longitude 107° 17.86'W

Formation: Blanco Mesa Verde/Basin Dakota

Elevation: 7334'GL

Formation Tops:	Top	Bottom Contents	
Surface	San Jose	3641'	
Ojo Alamo	3641'	3836'	aquifer
Kirtland	3836'	4076'	gas
Fruitland	4076'	4286'	
Pictured Cliffs	4286'	4386'	gas
Lewis	4386'	4906'	gas
Intermediate TD	4486'		_
Huerfanito Bentonite	4906'	5261′	gas
Chacra	5261′	5989'	gas
Upper Cliff House	5989 '	6061′	_
Massive Cliff House	6061′	6119 ′	
Menefee	6119'	6431'	gas
Point Lookout	6431'	7021'	gas
Mancos	7021′	7651'	gas
Gallup	7651′	8415′	gas
Greenhorn	8415'	8472'	gas
Graneros	8472'	8531'	gas
Dakota	8531 ′	8608′	gas
Upper Cubero	8608′	8661'	gas
Lower Cubero	8661′	8721 ′	gas
Oak Canyon	8721 <i>'</i>		-
TD	8736′		

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:

du IIOgiam.				
Interval	Type	Weight	Vis. Fluid Lo	SS
0- 200'	Spud MUD/Air/Air Mist	8.4-9.0	40-50 no cont	rol
200- 4486'	LSND	8.4-9.0	30-60 no cont	rol
4486- 8736'	Air/Air Mist/Nitrogen	n/a	n/a n/a	

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' - 4486'	7"	23.0#	N-80
6 1/4"	0' - 7800'	4 1/2"	10.5#	J-55
6 ¾"	7800' - 8736'	4 12"	11.6#	N-80

<u>Tubing Program:</u> 0' - 8736' 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 4 ½" 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.

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 -

Lead with 412 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 (1001 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 w/ 17 sacks Premium Lite cement w/ 3% calcium chloride, 0.25 pps celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% SMS. Tail w/90 sacks Type III cmt w/1% calcium chloride, 0.25 pps Celloflake, 0.2% fluid loss. Second stage: 395 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 (1001 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 @ 3836'. Two turbolating centralizers at the base of the Ojo Alamo 3836'. Bowspring centralizers spaced every fourth joint from the base of the Ojo Alamo to the base of the surface casing.

4 1/2" Production Casing -

Cement to cover minimum of 100' of $4\ 1/2" \times 7"$ overlap. Cement with 292 sacks Premium Lite HS w/ 0.25 pps Celloflake, 0.3% CD-32, 6.25 pps LCM-1 and 1% FL-52. (579 cu.ft. - 30% excess to cement $4\ 1/2" \times 7"$ overlap). WOC a minimum of 18 hrs prior to completing.

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.

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

Dakota ~ 2500 psi

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 bloose 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 north half of Section 30 is dedicated to the Mesa Verde, and the west half of Section 30 is dedicated to Dakota.

This gas is dedicated.

flan lovigan Fibruary 4, 2004

Drilling Engineer Dates

CompletionWorkover Rig BOP Configuration 2,000 pei System

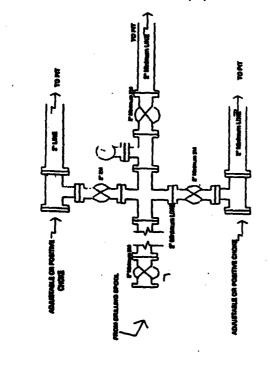
Dritting Rig Choke Manifold Configuration 2000 pel System

Burlington Resources

2000 pel System

Drilling Rig

BURLINGTON RESOURCES



Crimes manning managed from Summer Cass Point to Total Depth. 2,000psi working pressur equipment with two chokes.

Pigure #3

4-20-01

Figure #1

Minimum BOP Installation for all Completion/Mohaver Operations. 7-1/16" bone, 2000 pal minimum working processor daughte gate BOP to be equipped with blind and pipe ranna. A stripping head to be installed on the top of the BOP. All BOP equipment is 2000 pal working pressure or greater excluding 500 pal stripping head.

4-20-01