UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

	Type of Work	5. Lease Number
a.	DRILL	NM-02151A
	DRIBB	Unit Reporting Number MV-8910005380
	=	6. If Indian, All. or Tribe
ib.	Type of Well GAS	•
2.	Operator	7. Unit Agreement Name
	BURLINGTON RESOURCES Oil & Gas Company	San Juan 30-6 Unit
3.	Address & Phone No. of Operator	8. Farm or Lease Name
J.	PO Box 4289, Farmington, 17 87499	San Juan 30-6 Unit 9. Well Number
	(505) 326-9700	94M
<u> </u>	Location of Well	ਹਰ੍ਹੇ 10. Field, Pool, Wildcat
•	1805' FNL, 685' FWL	Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM)
	Latitude 36° 47.2, Longitude 107° 35.0	Sec. 28, T-30-N, R-7-1 API# 30-039- 26,895
	- CR 87.72	12. County 13. State
14.	Distance in Miles from Nearest Town 5 miles from Navajo City	Rio Arriba NM
15 .	Distance from Proposed Location to Nearest Property or	Lease Line
	685'	17. Acres Assigned to Well
16.	Acres in Lease	320 - W/2
18.	Distance from Proposed Location to Nearest Well, Drlg, C	
	600'	44 CER 3166.X
19.	Proposed Depth procedural review pursuant to 43 CFF 7711'	3165.4. 20. Rotary or Cable Tools Rotary
-	Elevations (DF, FT, GR, Etc.)	22. Approx. Date Work will Start
21.	6329' GR	
23.	Proposed Casing and Cementing Program	7. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
	See Operations Plan attached	NGENERAL REQUIREMENTS".
	(Sina Can	11-16-01
24.	Authorized by: Regulatory/Compliance Superv	isor Date
	ADDI	ROVAL DATE 3 / 1 /6
	MIT NO APPR	

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 State of New Mexico Energy, Minerals & Natural Resources Department Form C-102 Revised February 21, 1994 Instructions on back

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

OIL CONSERVATION DIVISION

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

District III 1000 Rio Brazos Rd., Aztec, NM 87410 PO Box 2088 Santa Fe, NM 87504-2088

AMENDED REPORT

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

0 Box 2088. S	anta Fe.	NM 87504-2	2088					•		
			WELL	LOCATI	ON AND AC	REAGE DEDI				
1Ai	I Number			*Pool Code	е		*P001	Name		
30-039-	268	95	7231	9/71599		nco Mesaverde	e/Basin I	akota	l tual	3 Abrehen
'Property	Code				Property			•	1	1 Number 34M
7469				S	AN JUAN 3				i	evation
OGRID No. BURLINGTON RES			Operator Name ESOURCES OIL & GAS COMPA			LP		329		
14538						Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the		test line	County RIO
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	L	11 5	Bottom	Hole l	ocation I	f Different	From S	urface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from t	he East/	West line	County '
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Dedicated Acres	<u> </u>	L			Doint or Infill	¹⁴ Consolidation Code	¹⁵ Onder No.			
Dr. 11/22/	^						<u> </u>		· · · · · · · · · · · · · · · · · · ·	
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NO ALLO		OR A	NON-S	TANDARD	UNIT HAS B	EEN APPROVED				<u> </u>
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OPERATIONS PLAN

San Juan 30-6 Unit #94M Well Name:

1805'FNL, 685'FWL, Section 28, T-30-N, R-7-W Location:

Rio Arriba County, New Mexico

Latitude 36° 47.2, Longitude 107° 35.0

Formation: Blanco Mesa Verde/Basin Dakota

6329'GL Elevation:

Formation Tops:	Top	Bottom	Contents
Surface Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Intermediate TD Huerfanito Bentonite Chacra Cliff House Menefee Point Lookout Mancos Gallup Greenhorn Graneros Dakota	San Jose 2231' 2341' 2766' 3231' 3361' 3461' 3891' 4241' 5016' 5066' 5416' 5776' 6681' 7401' 7451' 7521'	2231' 2341' 2766' 3231' 3361' 3891' 4241' 5016' 5066' 5416' 5776' 6681' 7401' 7451' 7521'	aquifer gas
TD	7711'		•

Logging Program:

Mud logs - none

Open hole - none Cased hole - CBL-CCL-GR - TD to surface

Cores - none

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		Grade
12 1/4"	0' - 200'	9 5/8"	32.3# 20.0#	
8 3/4"	0' - 3461'	7" 4 1/2"	10.5#	
6 1/4"	3361' - 7711'	4 1/2	10.5	11 00

Tubing Program:

2 3/8" 4.7# J-55 0' - 7711'

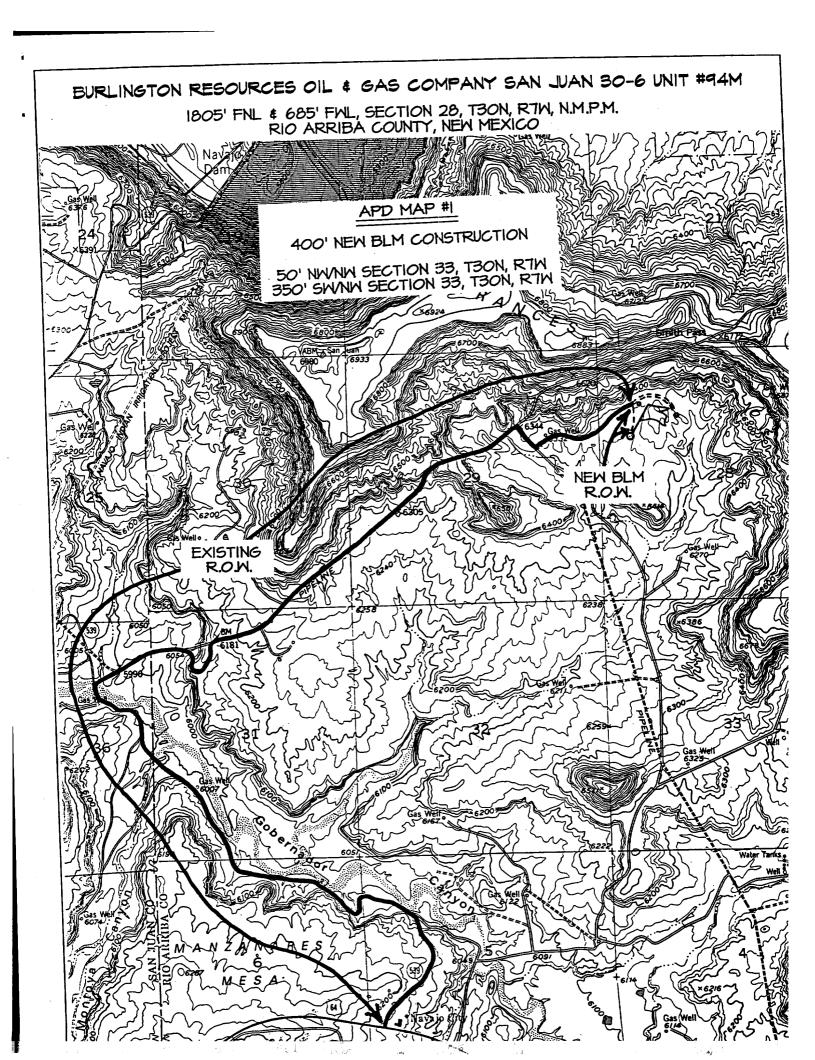
BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 3000 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" 3000 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, 3000 psi minimum choke manifold (Reference Figure #2).

Completion Operations -

7 1/16" 3000 psi double gate BOP stack (Reference Figure #3). After nipple-up prior to completion, pipe rams, casing and liner top will be tested to 2000 psi for 15 minutes.

9 5/8" x 7" x 2 3/8" x 3000 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
- 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 - cement with 159 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (188 cu.ft. of slurry, 200% excess to circulate to surface). WOC 8 hrs. 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 w/359 sx 50/50 Class "G" TXI Liteweight cement with 2% calcium chloride, 2.5% sodium metasilicate, 10 pps Gilsonite and 0.5 pps Celloflake. Tail w/90 sx Class "G" 50/50 poz w/2% gel, 2% calcium chloride, 5 pps Gilsonite, 0.25 pps Celloflake (1040 cu.ft. of slurry, 100% excess to circulate to surface.) WOC minimum of 8 hours before drilling out intermediate casing. If cement does not circulate to surface, a CBL will be run during completion operations to determine TOC. Test casing to 1500 psi for 30 minutes.

See attached alternative intermediate lead slurry.

7" intermediate casing alternative two stage: Stage collar 2666'. First stage: cement with w/187 sx Class "G" 50/50 poz w/2% gel, 2% calcium chloride, 5 pps gilsonite, 0.25 pps Celloflake. Second stage: 311 sx 50/50 Class "G"/TXI Liteweight with 2% calcium chloride, 2.5% sodium metasilicate, 10 pps Gilsonite, 0.25 pps Celloflake (1040 cu.ft., 100% 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 at 2341'. Two turbolating centralizers at the base of the Ojo Alamo at 2341'. 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. Lead with 434 sx 50/50 Class "G" Poz with 5% gel, 0.25 pps Celloflake, 5 pps Gilsonite (624 cu.ft.), 40% excess to cement 4 1/2" x 7" overlap). WOC a minimum of 18 hrs prior to completing.

Cement float shoe on bottom with float collar spaced on top of float shoe.

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

To facilitate higher hydraulic stimulation completion work, no liner hanger will be used. In its place, a long string of 4 1/2" casing will be run and cemented with a minimum of 100° of cement overlap between the 4 $1/2^{\prime\prime}$ x 7 casing strings. After completion of the well, a 4 1/2" retrievable bridge plug will be set below the top of cement in the 4 1/2" x 7" overlap. The 4 1/2" casing will then be backed off above the top of cement in the $4\ 1/2'' \times 7''$ overlap and laid down. The $4\ 1/2''$ bridge plug will then be retrieved and the production tubing will be run to produce the well.

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 (Gas/Mist Drilling):

The following equipment will be operational while gas/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.
- Deduster equipment will be utilized.
- 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 Mesaverde and Dakota formations will be completed and commingled.
- 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 2500 psi Dakota

- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered.
- The west half of Section 28 is dedicated to the Mesaverde and Dakota in this well.
- This gas is dedicated.

Brilling Engineer	11/21/01	
Drilling Engineer	Date	