UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

a.	Type of Work	5. Lease Number SF-079049B 079002
	DRILL	Unit Reporting Number
lb.	Type of Well GAS	6. If Indian, All. or Tribe
	0	7. Unit Agreement Name
2.	Operator BURLINGTON RESOURCES Oil & Gas Company	San Juan 30-6 Unit
3.	Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499	8. Farm or Lease Name San Juan 30-6 Unit 9. Well Number
	(505) 326-9700	789 33B
4.	Location of Well 1190' FNL, 790' FWL DEC	- 5 /2 11 Sec., I wn, Kge, Mer. (MIMPINI)
	Latitude 30 43:37 Honground It (Sin Oil Oil Oil	N. DIV API 30-039- 264 29
14.	Distance in Miles from Nearest Town 50 miles from Blanco	Rio Arriba NM
15.	Distance from Proposed Location to Nearest Property or Lea	ase Line
16.	Acres in Lease	17. Acres Assigned to Well 320 W/2
18.	Distance from Proposed Location to Nearest Well, Drlg, Co.	
19.	700' Proposed Depth 7850' and appears pursuant to 43 CFR 3	CFR 3165.30. Rotary or Cable Loois
21.	Elevations (DF, FT, GR, Etc.) 6282' GR	22. Approx. Date Work will Start
23.	Proposed Casing and Cementing Program See Operations Plan attached	PROCEST ARE Dispersor to the Second Week Altracher Medical to the Complete Leader
24.	Authorized by: Regulatory/Compliance Supervi	4-5-00 Lsor Date
PERM	MIT NO. APPRO	DATE DATE

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.

UNITED STATES

DEPARTMENT OF THE INTERIOR DIDUNIT OF LAND MANAGRMENT

BUKEAU OF LAND MANAGEMENT	
Sundry Notices and Reports on Wells -5 10:56	
1. Type of Well GAS 6.	Lease Number SF-079049B If Indian, All. or Tribe Name
7.	Unit Agreement Name
2. Name of Operator	
RESOURCES OIL & GAS COMPANY 8.	San Juan 30-6 Unit Well Name & Number
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9 RECEIVED RECEIVE RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVE RECEIVED RECEI	San Juan 30-6 U #33B API Well No. 30-039-26429
4. Location of Well, Footage, Sec., T, R, M 1190'FNL, 790'FWL, Sec.8, T-30-N, R-6-W, NMPM 11.	Field and Pool Blanco MV/Basin DK County and State Rio Arriba Co, NM
12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA	
Type of Submission Type of Action Y Notice of Intent Abandonment X Change of Plans	
X Notice of Intent Abandonment _X_ Change of Plans Recompletion New Construction	
Subsequent Report Plugging Back Non-Routine Fracture	ring
Casing Repair Water Shut off	et i am
Final Abandonment X Altering Casing Conversion to Inject	etion
Other -	
13. Describe Proposed or Completed Operations It is intended to alter the approved casing and cement program of the subject well. Mud Program: Interval Type Weight Vis. Fluid Loss 0-200' Spud 8.4-9.0 40-50 no control 200-3466' LSND 8.4-9.0 30-60 no control 3466-7850' Gas n/a n/a n/a	
Casing Program:	
Hole Size Depth Interval Csq.Size Wt. Grade 12 1/4" 0' - 200' 9 5/8" 32.3# WC-50	
12 1/4" 0' - 200' 9 5/8" 32.3# WC-50 8 3/4" 0' - 3466' 7" 20.0# J-55	
6 1/4" 0' - 7850' 4 1/2" 10.5# J-55	
<u>Tubing Program:</u> 0' - 7850 - 2 3/8" 4.70# EUE 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). 7" intermediate casing - Lead w/317 sx Class "B" w/3% sodium metasilicate, 10# gilson Tail w/90 sx 50/50 Class "B" Poz w/2% calcium chloride, 2% gel (1042 cu.ft. of slurry	ite/sx and 1/2# flocele/sx.
surface.) 7" intermediate casing alternative two stage - Stage collar at 2801'. 1st stage: cel 50/50 poz w/2% gel, 2% calcium chloride, 0.5 pps Cellophane. 2nd stage: 251 sx Class	B WICH St Boulem
metasilicate, 1/2 pps Cellophane, 10 pps Gilsonite (1042 cu.ft., 100% excess to circu 4 1/2" Production Liner - Lead with 438 sx 50/50 Class "H" Poz with 2% gel, 0.25# flo retardant and 0.4% fluid loss additive (636 cu.ft.), 40% excess to cement 4 1/2" x 7"	Cere/ax, of diracultre/ax, o.z
Wellhead: 9 5/8" x 7" x 2 3/8" x 3000 psi tree assembly.	
14. I hereby certify that the foregoing is true and correct.	
Signed Concy Ottorion for title Regulatory Supervisor Date 10/9	5/00
(This space for Federal or State Office use)	
APPROVED BY TITLE Date	 _

MMOCD

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised February 21, 1994

Instructions on back

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

DISTRICT II P.O. Drawer DD, Artesia, N.M. 88211-0719

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

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

OIL CONSERVATION DIVISION

Fi 1: 10 P.O. Box 2088 Santa Fe, NM 87504元2088分 1分

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name		
30-039-76427 72319771599 Blanco Mesaver		Blanco Mesaverde/Basin Da	kota ~	
⁴ Property Code	5 PT	* Well Number		
7469	SAN JU	SAN JUAN 30-6 UNIT		
⁷ OGRID No.	• O _I	perator Name	⁹ Elevation	
14538	BURLINGTON RESOUR	RCES OIL & GAS COMPANY	6282' ~	

¹⁰ Surface Location

						Localion			
UL or lot no.	Section 8	Township 30-N	Range 6-W	Lot Idn	Feet from the 1190	North/South line NORTH	Feet from the 790	East/West line WEST	County RIO ARRIBA
			¹¹ Botto	m Hole	Location If	Different From	Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres W/320	13 Joint o	r Infili 14	Consolidation	Code 15 (Order No.	. 	'	I	1 _

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

* · · · · · · · · · · · · · · · · · · ·		
CALC'D. CORNER N 89-55 E	(R)	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
O G G G G G G G G G G G G G G G G G G G		
₩ 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEC 2000 DEC	Sigheture Cole
FD. U.S.G.L.O. BC. 1914	DEC 2000 RECEIVED OIL ON OIL DIST. 3	Peggy Cole Printed Nome Regulatory Supervisor The 4-5-00
(F)		18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me
N USA NM-03403		or under my supervision, and that the same is true and correct to the best of my besef.
Z 00-00-40 E	,	Signature on Sign of Production Supplier Signature on Sign of Production Supplier Signature of Sign of Production Signature of Sign of Production
N 89-54-37 E FD. U.S.G.LO. BC. 1914 2633.02'	FD. U.S.G.L.O. BC. 1914	Corifficate Number

OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #33B

Location: 1190'FNL, 790'FWL, Sec 8, T-30-N, R-6-W

Rio Arriba County, NM

Latitude 36° 49.9, Longitude 107° 29.5

Formation: Blanco Mesaverde/Basin Dakota

Elevation: 6282' GL

Formation Tops:	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2348'	
Ojo Alamo	2348'	2409'	aquifer
Kirtland	2409'	2901'	gas
Fruitland	2901'	3252'	gas
Pictured Cliffs	3252'	3366'	gas
Lewis	3366'	3952'	gas
Intermediate TD	3466'		
Mesa Verde	3952'	4343'	gas
Chacra	4343'	5158′	gas
Massive Cliff House	5158'	5191'	gas
Menefee	5191'	5633′	gas
Massive Point Lookout	5633'	6393'	gas
Mancos	6393′	6654′	gas
Gallup	6654′	7479′	gas
Greenhorn	7479'	7536'	gas
Graneros	7536'	7636'	gas
Dakota	7636′		gas
TD	1850 ا		

Logging Program:

Cased hole ~ CBL-CCL-GR - TD to surface

Open hole - IEL-GR, CNL-CDL - TD to intermediate casing

Cores - none

Mud log - 7000' to TD

Mud Program:

<u>Inter</u>	<u>val</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0 -	200'	Spud	8.4-9.0	40-50	no control
200-	3466′	LSND	8.4-9.0	30-60	no control
3466-	7850'	Gas	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):

<u> Hole Size</u>	<u>Depth Interval</u>	<u>Csq.Size</u>	<u>Wt.</u>	<u>Grade</u>
14 3/4"	0' - 200'	11 3/4"	42.0#	H-40
10 5/8"	0' - 3466'	8 5/8"	32.0#	K-55
7 7/8"	3366' - 7850'	5 1/2"	15.5#	K-55

Tubing Program:

0' -6393' 1 1/2" 2.90# J-55 0' -7850' 1 1/2" 2.76# J-55

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 3000 psi for 15 minutes.

Wellhead -

11 3/4" x 8 5/8" x 1 1/2" x 1 1/2" 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 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:

11 3/4" surface casing - cement with 221 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (260 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.

8 5/8" intermediate casing -

Lead w/429 sx Class "B" w/6% gel, 2% calcium chloride, 5# gilsonite/sx and 1/4# flocele/sx. Tail w/98 sx Class "B" w/2% sodium metasilicate, 2% calcium chloride, 5# Gilsonite/sx, 1/4# flocele/sx (1456 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.

8 5/8" intermediate casing alternative two stage: Stage collar at First stage: cement with w/163 sx Class "B" w/2% sodium 2801'. metasilicate, 2% calcium chloride, 5# Gilsonite/sx, 1/4# Flocele. Second stage: 392 sx Class "B" with 6% gel, 2% calcium chloride, 1/4# Cellophane/sx, 5# Gilsonite/sx (1456 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 2409'. Two turbolating centralizers at the base of the Ojo Alamo at 2409'. Bowspring centralizers spaced every fourth joint from the base of the Ojo Alamo to the base of the surface casing.

5 1/2" Production Liner -

Cement to cover minimum of 100' of 5 1/2" x 8 5/8" overlap. Lead with 676 sx 50/50 Class "B" Poz with 2.75% gel, 0.25# flocele/sx, 5# qilsonite/sx, 0.2% fluid loss additive (1088 cu.ft.), 40% excess to cement 5 $1/2" \times 8 5/8"$ overlap). WOC a minimum of 18 hrs prior to completing.

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

- Note: To facilitate higher hydraulic stimulation completion work, no liner hanger will be used. In its place, a long string of 5 1/2"casing will be run and cemented with a minimum of 100' of cement overlap between the 5 1/2" x 8 5/8" casing strings. completion of the well, a 5 1/2" retrievable bridge plug will be set below the top of cement in the 5 $1/2" \times 8 5/8"$ overlap. The 5 1/2" casing will then be backed off above the top of cement in the 5 1/2" x 8 5/8" overlap and laid down. The 5 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 dualled.
- No abnormal temperatures or hazards are anticipated.
- Anticipated pore pressures are as follows:

Fruitland Coal 300 psi Pictured Cliffs 600 psi 700 psi Mesa Verde Dakota 2500 psi

- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered.
- The west half of Section 8 is dedicated to the Mesaverde and Dakota in this
- This gas is dedicated.

4/19/00)
Date