UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

a.	Type of Work DRILL	5. Lease Number NMSF-078741 Unit Reporting Number
b.	Type of Well GAS JUN 2004	6. If Indian, All. or Tribe
•	Operator BURLINGTON RESCURCES Oil & Gas Company	San Juan 30-6 Unit
• .	Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 30-6 Unit 9. Well Number #491S
•	Location of Well 1805' FNL, 1945' FWL Latitude 36 ^o 47.1533'N, Longitude 107 ^o 24.9	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) 595'W FSec. 25, T30N, R06W API# 30-039-
4.	Distance in Miles from Nearest Town 11 miles to Gobernador	12. County 13. State Rio Arriba NM
5.	Distance from Proposed Location to Nearest Property or Lea	ase Line
6.	Acres in Lease	17. Acres Assigned to Well 320 W/2
8.	Distance from Proposed Location to Nearest Well, Drlg, Com	pl, or Applied for on this Lease
9.	Proposed Depth 3649'	20. Rotary or Cable Tools Rotary
1.	Elevations (DF, FT, GR, Etc.) 6697' GR	22. Approx. Date Work will Start
3.	Proposed Casing and Cementing Program See Operations Plan attached	
4.	Authorized by: Manay Oltmanns Regulatory Specialist	1-12-04 Date
ERM	IT NO. APPROVA	
	OVED BY AMARIE WZ TITLE ATT	DATE 6-3.04

Threatened and Endangered Species Report attached

This cell is in the purposition rechnical and proced in a row ew pursuant to 43 CFR 3165.3 and appear pursuant to 43 CFR 3165.4

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.

NO HPA NOTIFICATION REQUIRED UNDER ORDER R-8768F.

MMOCD

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

FTC W/320

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

State of New Mexico Energy, Minerals & Natural Resources Department

Revised February 21, 1994 Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

Form C-102

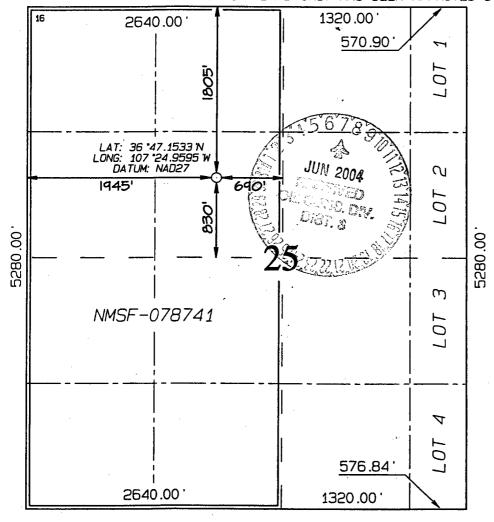
OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

AMENDED REPORT

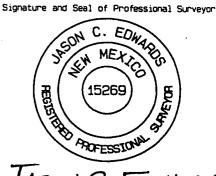
WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number				Pool Coc	le	,	*Pool Nam	e	
30-039	_27	739	71	629		Basin Fru	itland Coa	1	
*Property					*Property	/ Name		• Wi	ell Number
7469				S	AN JUAN 3	30-6 UNIT			4915.
'OGRID N	lo.				*Operator	Name		• 6	levation
14538			BURLI	NGTON F	RESOURCES (DIL & GAS CO	MPANY, LP		6697
				:	¹⁰ Surface	Location			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	25	30N	6W		1805	NORTH	1945	WEST	RIO ARRIBA
		11 B	ottom	Hole L	ocation I	f Different	From Surf	ace	
UL or lot no.	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County
•									
¹² Dedicated Acres					¹³ Joint or Infill	³⁴ Consolidation Code	⁵⁵ Order No.	<u> </u>	

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
17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
Signature of Oltmanns
Nancy Oltmanns Printed Name
Senior Staff Specialist
1-12-04
Date
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 or under my supervision, and that the same is true and correct to the best of my belief.
Survey Date: OCTOBER 10, 2003



Certificate Number 15269

OPERATIONS PLAN

Well Name: San Juan 30-6 Unit # 491S

Location: 1805'FNL, 1945'FWL Section 25, T-30-N, R-06-W

Latitude 36° 47.1533'N, Longitude 107° 24.9595'W

Rio Arriba, NM

Formation: Basin Fruitland Coal

Elevation: 6697'GR

Formation:	Тор	Bottom	Contents
Surface	San Jose	2800'	
Ojo Alamo	2800'	2898'	aquifer
Kirtland	2898'	3161'	
Fruitland	3161'	3389'	
Intermediate TD	3339 '		
Fruitland Coal	3389'	3629'	gas
B/Basal Coal	3629'	3639'	gas
Pictured Cliffs	3639'		•
Total Depth	3649'		

Logging Program: GR/Density 7" to 3649'

Mudlog: from 7" to 3649'
Coring Program: none

Mud Program:

Interval	Туре	Weight	Vis.	Fluid Loss
0- 120'	Spud Mud/Air/Air Mist	8.4 - 9.0	40-50	no control
120-3339'	Non-dispersed	8.4-9.0	30-60	no control
3339-3649'	Air/Mist			

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

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0' - 120'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3339'	7"	20.0#	J-55
6 1/4"	3339' - 3649'	open ho	le	

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

Hole Size	Depth Interval	Csg.Size		Grade
12 1/4"	0' - 120'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3339'	7"	20.0#	J-55
6 1/4"	3299' - 3649'	5 1/2"	15.5#	J-55

Tubing Program:

0' - 3649' 2 3/8" 4.7# J-55

Float Equipment: 9 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing - guide shoe and self-fill float collar. Standard centralizers run every other joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2898'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 9 5/8" x 7" x 2 3/8" x 11" 2000 psi xmas tree assembly.

Cementing:

9 5/8" surface casing -

Pre-Set Drilled Cement with 23 sx Type I, II cement with 20% flyash mixed at 14.5 ppg, 1.61 cu ft per sack yield. (37 cu ft of slurry, bring cement to surface) Wait on cement for 24 hours for pre-set holes before pressure testing or drilling out from under surface.

Conventionally Drilled

Cement with 88 sx Type III cement with 0.25 pps Celloflake, 3% CaCl. (113 cu ft of slurry, 200% excess, bring cement to surface) Wait on cement for 8 hrs for conventionally set holes before pressure testing or drilling out from under surface.

WOC until cement establishes 250 psi compressive strength prior to NU of BOPE.

7" intermediate casing - lead w/295 sacks Premium Lite with 3% calcium chloride, 5 pps LCM-1, and 1/4#/sack flocele, 0.4% FL-52, & 0.4% SMS. Tail with 90 sacks Type III cmt with 1% calcium chloride, 1/4#/sack flocele and 0.2% FL-52 (753 cu.ft., 50% excess to circulate to surface).

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.

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)

Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Additional information:

- * The Fruitland Coal formation will be completed.
- * Anticipated pore pressure for the Fruitland is less than 500 psi.
- * This gas is dedicated.
- * The west half of Section 25 is dedicated to the Fruitland Coal.

Date: 4-21-01

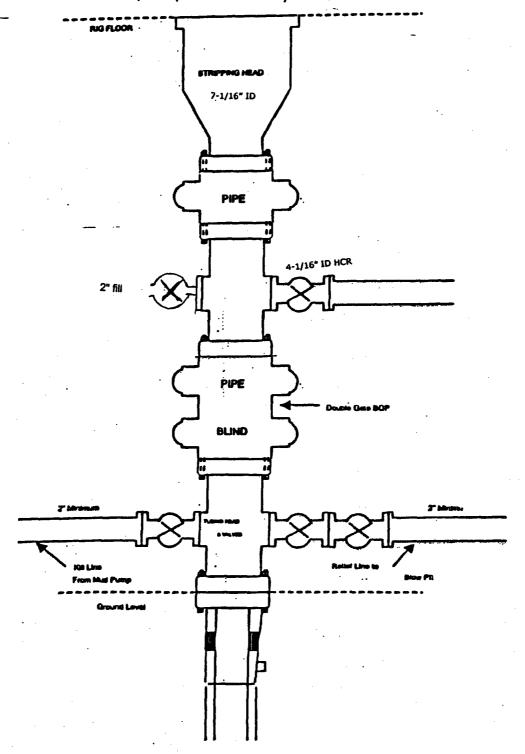
Drilling Engineer:

Junife morclauthey

BURLINGTON RESOURCES

FIGURE #4

Cavitation Rig BOP Configuration 2,000 psi Minimum System



≂ '

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Energy, Minerals	s and Natu	ral Resources		Mar	rch 4, 2004
OIL CONSER	VATION	DIVISION		of Lease	
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Santa F	Fe, NM 87	7505			
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)ther			491S		
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