UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

a.	Type of Work DRILL	5. Lease Number 2004 Mar 23 PM NMSF-080712 Unit Reporting Number Farmington
1b.	Type of Well GAS	6. If Indian, All. or Tribe
2.	Operator BURLINGTON RESCURCES OIL & GAS COMPANY LP	7. Unit Agreement Name San Juan 30-6 Unit
3.	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 460S
4.	Location of Well 2080' FSL, 1380' FEL Latitude 36° 47.48, Longitude 107° 28.53	19 Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 20, T-30-N, R-6-W API # 30-039- 27684
14.	Distance in Miles from Nearest Town 12 miles from Gobernador	12. County 13. State Rio Arriba NM
15.	Distance from Proposed Location to Nearest Property of 1380'	Lease Line
16.	Acres in Lease	17. Acres Assigned to Well 320 E/2
18.	Distance from Proposed Location to Nearest Well, Drlg, 500'	Compl, or Applied for on this Lease
19.	Proposed Depth 3358'	20. Rotary or Cable Tools Rotary
21.	Elevations (DF, FT, GR, Etc.) 6363' GR	22. Approx. Date Work will Start
23.	Proposed Casing and Cementing Program See Operations Plan attached	·
	Authorized by: Manay Oltmanns Senior Ataff Specialist	10-19-03

Archaeological Report attached

Threatened and Endangered Species Report attached

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 notification required under Order R-8768-F

MMCCD

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

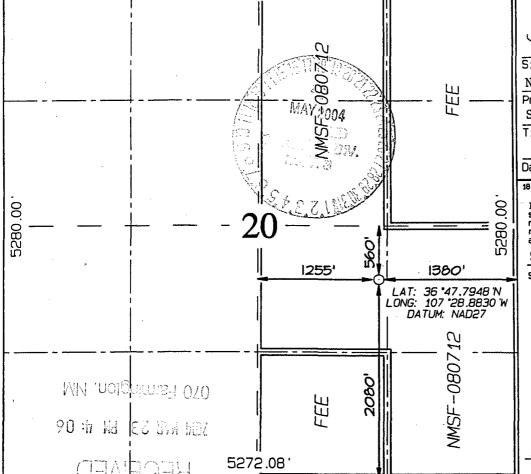
OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Energy, Minerals & Natural Resources Department

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

AMENDED REPORT

			WELL	LOCAT	ION AND A	CREAGE DEDI	CATI	ON PL	ΑT		
'API Number 'Pool Code 'Pool Name '30-039-27684 71629 Basin Fruitland Coal											
*Property		³Property Name				*Well Number					
7469 SAN JUAN 30-6 UNIT							160S				
'OGRID	NO		BURLI	NGTON F	°Operator RESOURCES (·Name DIL & GAS CC)MPAN	r, LP			levation 363'
	•				¹⁰ Surface	Location					· · · · · · · · · · · · · · · · · · ·
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet (from the	East/We	st line	County
J	20	30N	6W		2080	SOUTH	13	180	EA	ST	RIO ARRIBA
		11 E	Bottom	Hole L	ocation I	f Different	From	Surf	ace		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet	from the	East/We	st line	County
Dedicated Acres	320		•		¹³ Joint or Infill	³⁴ Consolidation Code	²⁵ Order N	lo.			
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											
5274.72			Q		1	I hereby	certify d herein pest of my	that the i is true an knowledge	FICATION Information of complete and belief		
					- 6080 - 6080 - 6080 - 6080	FEE -	-	Nancy Printed	Oltman Name	ns Speci	alist

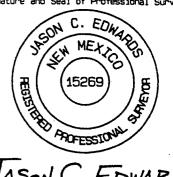


Title Date 18 SURVEYOR CERTIFICATION

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: AUGUST 13, 2003

Signature and Seal of Professional Surveyor



Certificate Number 15269

OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #460S

Location: 2080' FSL, 1380' FEL, Section 20, T-30-N, R-6-W

Latitude 36° 47.48, Longitude 107° 28.53

Rio Arriba County, NM

Formation: Basin Fruitland Coal

Elevation: 6363' GR

Formation:	Top	Bottom	Contents
Surface	San Jose	2305'	
Ojo Alamo	2305'	2495'	aquifer
Kirtland	2495'	2840'	gas
Fruitland	2840'	3042'	gas
Intermediate casing	3022'		
Top of Coal	3042 '	3273 ′	
Base of Coal	3273 ′		
Pictured Cliffs	3275 ′		
Total Depth	3358'		

Logging Program:

Open hole - none Mud log - TD to 3022'

Coring Program: none

Mud Program:

Interval	Туре	Weight	Vis.	Fluid Loss
0- 120'	Spud/Air/Air Mist	8.4-9.0	40-50	no control
120-3022'	Non-dispersed	8.4-9.0	30-60	no control
3022-3358 ′	Air/Mist			no control

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' - 3022'	7 "	20.0#	J-55
6 1/4"	3022' - 3106'	open ho	ا ۾	

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

Hole Size	Depth I	nterval	Csg.Size	Wt.	Grade
12 1/4"	0' -	120'	9 5/8"	32.3#	H-40
8 3/4"	0' -	3022'	7"	20.0#	J-55
6 1/4"	2982 ' -	3358 ′	5 ½"	15.5#	J-55

Tubing Program:

0' - 3358' 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 @ 2495'. 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% calcium chloride (113 cu ft of slurry, 200% excess, bring cement to surface) Wait on cement for 8 hrs for conventionally set holes before pressure tessting or drilling out from under surface.

Wait on cement until cement establishes 250 psi compressive strength prior to nipple up of BOP.

7" intermediate casing - lead w/262 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 with 90 sacks Type III cement with 1% calcium chloride, 0.25 pps Celloflake, 0.2% fluid loss (681 cu.ft., 50% excess to circulate to surface).

5 1/2" liner - will not be cemented if run.

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 BOP and casing to 600 psi/30 min.

Intermediate TD to Total Depth - 7 1/6" 2000 psi (minimum) double gate BOP stack (Reference Figure #2). Prior to drilling out intermediate casing, test BOP and casing to 1500 psi for 30 minutes; all pipe rams and casing to 1500 psi for 30 minutes each.

From surface to TD - choke manifold (Reference Figure #3).

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 500 psi.
- This gas is dedicated.
- The east half of Section 20 is dedicated to this well.

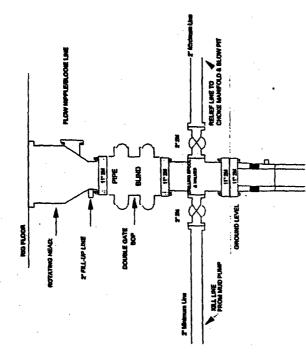
Drilling Engineer: Date: 3-1-04

Completion/Workover Rig BOP Configuration 2,000 psi System

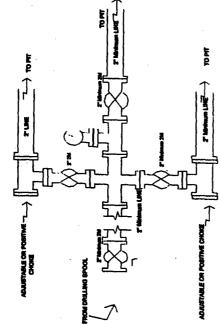
BURLINGTON RESOURCES

Burlington Resources

2000 psi System **Drilling Rig**



Drilling Rig Choke Manifold Configuration 2000 psi System



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

Figure #3

4-20-01

Figure #1

¥⊗§ ROFLOOR

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

4-20-01

Submitted in lieu of F	orm 3160-5	
•	UNITED STATES	
٧ ٧	DEPARTMENT OF THE INTERIOR	
1	BUREAU OF LAND MANAGEMENT	GENED
S	undry Notices and Reports on Wells	
		27 PM 5: 52 Lease Number NMSF-080712
1. Type of Well GAS	070 FA	Tribe Name
		7. Unit Agreement Name
2. Name of Operator BURLINGT RESOURCE	SN OIL & GAS COMPANY	
3. Address & Phone No.	Day	8. Well Name & Number San Juan 30-6 Unit #460s
	ngton, NM 87499 (505) 326-9700	9. API Well No. 30-0455776861
4. Location of Well, F 2080'FSL, 1380'FEL,	Cootage, Sec., T, R, M Sec.20, T30N, R6W, NMPM	10. Field and Fool Basin Fruitland Coal
;		11. County and State Rio Arriba, NM
12. CHECK APPROPRIATE	BOX TO INDICATE NATURE OF NOTICE, RE	PORT, OTHER DATA
Type of Submission	Type of Action	
$X_$ Notice of I		Change of Plans w Construction
Subsequent Rep	ortPlugging BackNon	-Routine Fracturing
Final Abando		ter Shut off nversion to Injection
	ed or Completed Operations has been revised for the subject wel	l according to the following and
Surface to intermediate TD - surface casing, test BOPE to	11" 2000 psi (minimum) double gate BOP stack (600 psi for 30 min.	Reference Figure #1). Prior to drilling out
	th - 7 1/6" 2000 psi (minimum) completion BOP s BOPE and casing to 1500 psi for 30 minutes.	tack (Reference Figure #2). Prior to drilling
From surface to 7" TD – a cho When the cavitation completion #4).	oke manifold will be installed in accordance with on rig drills the production hole, the completion right	Onshore Order No. 2 (Reference Figure #3). g configuration will be used (Reference Figure
Pipe rams will be actuated at upper kelly cock valve with ha	least once each day and blind rams actuated once and drill string safety valves to fit each drill	e each trip to test proper functioning. An string will be mai intained and available on the

Title Regulatory Specialist Date 04/013/04

fsb

(This space for Federal or State Office use)

APPROVED BY

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agerncy of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

I hereby certify that the foregoing is true and correct.

rig floor.

BURLINGTON

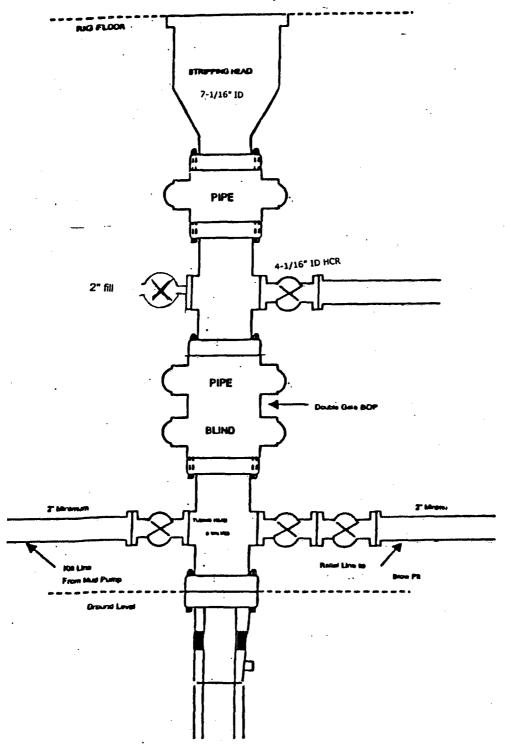
RESOURCES

Figure #4

Cavitation Rig

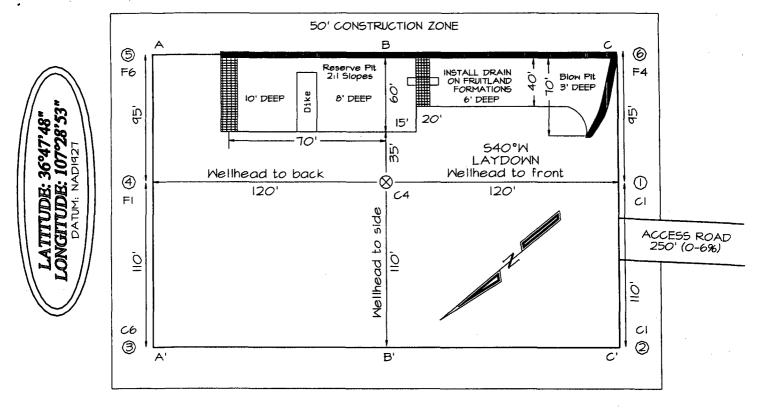
BOP Configuration

2,000 psi Minimum System



2080' FSL & 1380' FEL, SECTION 20, T30N, R6W, NMPM, RIO ARRIBA COUNTY, NM GROUND ELEVATION: 6363' DATE: AUGUST 13, 2003

205' X 240' 305' X 340' = 2.38 ACRES



A-A'
6369'
6359'
6369'
6369'
6369'
6369'

Reserve Pit Dike: to be 8' above Deep side (overflow — 3' wide and 1' above shallow side). Blow Pit: overflow pipe halfway between top and bottom and to extend over plastic liner and into blow pit.

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

6359'

6349'