UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

REDEIVED

1a.	Type of Work	5. Lease Number
	DRILL	NMSF-079382 Unit Reporting Number
1b.	Type of Well GAS	6. If Indian, All. or Tribe
2.	Operator BURLINGTON	7. Unit Agreement Name
	RESCURCES OIL & GAS COMPANY LP COLLEGE	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
	the state of the s	9. Well Number
	(505) 326-9700	404S
4.	Location of Well	10. Field, Pool, Wildcat
	1240' FSL, 1355' FEL	Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM)
	Latitude 36 ^o 47.39, Longitude 107 ^o 32.07	Ø sec. 23, T-30-N, R-7-W API # 30-039- 27688
14.	Distance in Miles from Nearest Town	12. County 13. State
	11 miles from Navajo City	Rio Arriba NM
15.	Distance from Proposed Location to Nearest Property or Lease L	ine
16.	Acres in Lease	17. Acres Assigned to Well 320 E/2
18.	Distance from Proposed Location to Nearest Well, Drlg, Compl, o	r Applied for on this Lease
19.	Proposed Depth	20. Rotary or Cable Tools
	3186'	Rotary
21.	Elevations (DF, FT, GR, Etc.) 6202' GR	22. Approx. Date Work will Start
23.	Proposed Casing and Cementing Program See Operations Plan attached	
24.	Authorized by: Marcy Oltmanns Senior Staff Specialist	<u>/0 -/4-03</u> Date
PERM	IT NO APPROVAL DA	
APPR	OVED BY DM anke (a) TITLE AFM	DATE 5-/2.63/

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

PO Box 1980, Hobbs, NM 88241-1980

Energy, Minerals & Natural Resources Department

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

1000 Rio Brazos Rd., Aztec, NM 87410

PO Box 2088 Santa Fe, NM 87504–2088

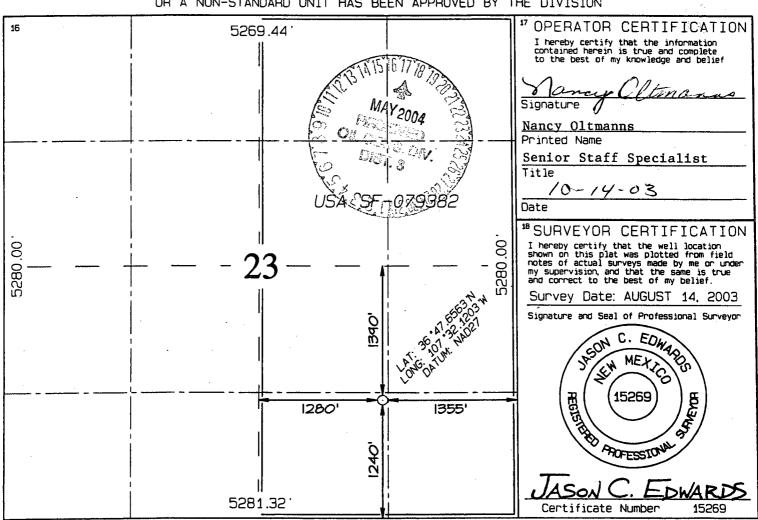
AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number 'Pool Code			de 070 C.Pool_Name, N/V							
30-039- 71629				Basin Fruitland Coal						
*Property Code				³Property Name			• We	*Well Number		
7469					SAN JUAN 30-6 UNIT			4	4045	
'OGRID No.				Operator Name			°E	*Elevation		
14538 BURLINGTON R				RESOURCES OIL & GAS COMPANY, LP				6505,		
					¹⁰ Surface	Location				
UL or lot no.	Section	Township	Range	Lat Idn	Feet from the	North/South line	Feet from the	East/West line	County	
0	23	30N	7W		1240	SOUTH	1355	EAST	RIO ARRIBA	
		11 [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			⁹ Joint or Infill	³⁴ Consolidation Code	¹⁵ Order No.		- 1			
FTC-E/320										

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



OPERATIONS PLAN

Well Name: San Juan 30-6 Unit #404S

Location: 1240' FSL, 1355' FEL, Section 23, T-30-N, R-7-W

Latitude 36° 47.39, Longitude 107° 32.07

Rio Arriba County, NM

Formation: Basin Fruitland Coal

Elevation: 6202' GR

Formation:	Тор	Bottom	Contents
Surface Ojo Alamo Kirtland	San Jose 2084' 2319'	2084' 2319' 2689'	aquifer gas
Fruitland Intermediate casing	2689' 2824'	2874'	gas
Top of Coal Base of Coal	2874' 3101'	3101'	
Pictured Cliffs Total Depth	3144' 3186 '		

Logging Program:

Open hole - None Mud log - TD to 2824'

Coring Program: none

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 120'	Spud/Air/Air Mist	8.4-9.0	40-50	no control
120-2824'	Non-dispersed	8.4-9.0	30-60	no control
2824-3186 ′	Air/Mist			no control

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

Hole Size	Depth In	nterval	Csg.Size	Wt.	Grade
12 1/4"	0'-	120'	9 5/8"	32.3#	H-40
8 3/4"	0' -	2824'	7"	20.0#	J-55
6 1/4"	2824' -	3186′	open hol	le	

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' -	2824'	7"	20.0#	J-55
6 1/4"	2784' -	3186′	5 ½"	15.5#	J-55

Tubing Program:

0' - 3186' 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 @ 2319'. 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.

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

7" intermediate casing - lead w/241 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 (637 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 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 23 is dedicated to this well.

Drilling Engineer:

jump mcloutly Date: 3-1-04

Completion/Workover Rig BOP Configuration 2,000 psi System

BURLINGTON RESOURCES

Drilling Rig Choke Manifold Configuration 2000 psi System

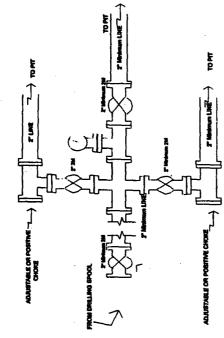
Burlington Resources

2000 psi System

REG FLOOR

ROTATING HEAD:

Drilling Rig



17.20

DOUBLE GATE

2 PILL-UP LINE

Ā

GROUND LEVEL

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

Chack Wide

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

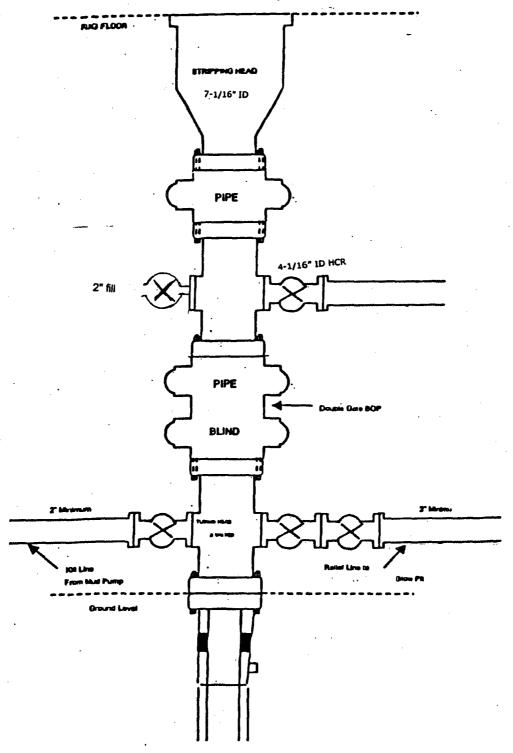
4-20-01

submitted in lieu of Form 3160-5
UNITED STATES

DEPARTMENT OF THE INTERIOR

1	BUREAU OF LAND MANAGEMENT	RECEIVED	Amendment
	Sundry Notices and Reports on	Wells	•
		2004 APR 27 PM 53: 1	Lease Number
1. Type of Well GAS		070 FARMINGTON; N	SF-079382 If Indian, All. or Tribe Name
	A	TA 15/16/77 7.	Unit Agreement Name
2. Name of Operator			
RESOURCE	ESN OIL & GAS COMPANY	MAY 2004	Well Name & Number
3. Address & Phone N PO Box 4289, Far	o. of Operator mington, NM 87499 (505) \$26-9	700 9 9.	San Juan 30-6 Unit #404S API Well No.
	Footage, Sec., T, R, M L, Sec.23, T30N, R7W, NMPM	10.	30-045-03927688 Field and Pool Basin Fruitland Coal
		11.	County and State Rio Arriba, NM
12. CHECK APPROPRIAT	TE BOX TO INDICATE NATURE OF NO	TICE, REPORT, OTHER	DATA
Type of Submissio _X_ Notice of		of Action _X Change of Pl New Constructi	ans
Subsequent R	ReportPlugging Back	Non-Routine Fra	cturing
Final Aban	Casing Repair Altering Casin Other	Water Shut off g Conversion to	
	osed or Completed Operations on has been revised for the sub	eject well according	to the following and
Surface to intermediate TE surface casing, test BOPE) - 11" 2000 psi (minimum) double gate E to 600 psi for 30 min.	3OP stack (Reference Figu	re #1). Prior to drilling out
	Depth - 7 1/6" 2000 psi (minimum) comple est BOPE and casing to 1500 psi for 30 m		e Figure #2). Prior to drilling
	choke manifold will be installed in accord letion rig drills the production hole, the co		
upper kelly cock valve with rig floor.	I at least once each day and blind rams a h handle and drill string safety valves to f at the foregoing is true and correct.	<u>-</u>	
Signed Tammyh	Im satt Title Regul	atory Specialist Dat	ce 04/013/04
(This space for Fede APPROVED BY CONDITION OF APPROVED Title 18 U.S.C. Section 1001, ma)	Agy or State Office use) Markele Title	FA Date	fsb

BURLINGTON
RESOURCES
Figure #4
Cavitation Rig
BOP Configuration
2,000 psi Minimum System



1240' FSL & 1355' FEL, SECTION 23, T30N, R7W, NMPM, RIO ARRIBA COUNTY, NM GROUND ELEVATION: 6202' DATE: AUGUST 14, 2003 50' CONSTRUCTION ZONE (5) 6 C15 INSTALL DRAIN ON FRUITLAND FORMATIONS C15 2:1 Slopes Reserve Pit Blow Pit 3' DEEP 10' DEEP 8' DEEP 6' DEEP <u>8</u> 95 20' 15' 70 N76°W LAYDOWN F2 Wellhead to front Mellhead to back 4 ① 120 120 -0-ACCESS ROAD 100' (0-8%) Wellhead to side <u>0</u> 0 FI2 3 2 EXISTING ROADWAY 205' X 240' 305' X 340' = 2.38 ACRES 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. A-A' 6212' 6202' 6192' B-B' 62121 6202' 6192' C-C 62121 6202' 6192' 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