UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

a.	Type of Work	2006 MAR 13 AT 3 ZY	5. Lease Number
	DRILL	RECEIVED	SF-080669 Unit Reporting Number
		070 FARMINGTON FM	Vinit Reporting Number Nim Nim -67846875 BL NIM Nim
•	Type of Well GAS	OFO PARAMETER 131	6. If Indian, All. or Tribe
	Operator BURLINGTON		7. Unit Agreement Name
	RESOURCES	Oil & Gas Company LP	San Juan 27-4 Unit
	Address & Phone No.		8. Farm or Lease Name
	PO Box 4289,	Farmington, NM 87499	9. Well Number
	(505) 326-970	0	#47P
	Location of Well Unit H (SENE),	2290' FNL & 170' FEL,	10. Field, Pool, Wildcat Blanco MV/ Basin DK
			11 Can Turn Dan Man (BIRADAN)
	Lat. 36*33.576	7'N	11. Sec., Twn, Rge, Mer. (NMPM) H Sec. 20, T27N, R4W
	Long. 107*15.90	12'W	АРІ# 30-039- Э 7838
ļ.	Distance in Miles from	n Nearest Town	12. County 13. State
	Gobernador 17 m	iles	Rio Arriba NM
•	Distance from Propos	ed Location to Nearest Property or Lease Lin	ne
•	Acres in Lease		17. Acres Assigned to Well DK 320 N/2, MV 320 E/2
•		ed Location to Nearest Well, Drig, Compl, or	r Applied for on this Lease
).	1540' DK Proposed Depth		20. Rotary or Cable Tools
•	8083,		Rotary
	Elevations (DF, FT, G	R, Etc.)	22. Approx. Date Work will Start
3.	Proposed Casing and	Cementing Program	
		s Plan attached	
	le l	H. Lung Thuman	2/12/04
	Authorized by:	mumu / rummu ulatory Compliance Associate II	Date
,	Recr		
•	keg		
	r NO.	APPROVAL DA	ATE
	r NO. VED BY	APPROVAL DA Manleez TITLE ATM	ATE

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

NMOCD

This well is NOT in the HPA area.

United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

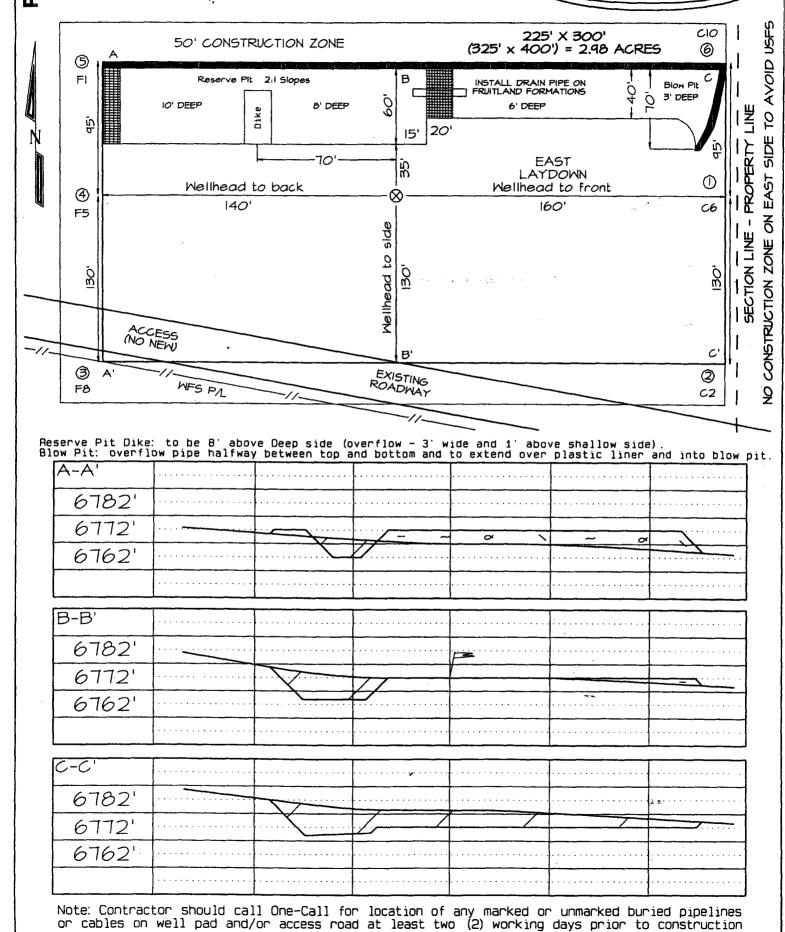
vistrict i PO Box 1980, Hobbs, NM 88241-1980 State of New Mexico Form C-102 Revised February 21, 1994 Energy, Minerals & Natural Resources Department Instructions on back District II PO Drawer DD, Artesia, NM 88211-0719 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies OIL CONSERVATION DIVISION PO Box 2088 District III , 1000 Rio Brazos Rd. Aztec. NM 87410 Santa Fe. NM 87504-2088 AMENDED REPORT District IV PO Box 2088, Santa Fe, NM 87504-2088 2006 MAR 13 PM 3 27 WELL LOCATION AND EACREAGE DEDICATION PLAT API Number *Pool Code (O FAIM NGION LM 30-039-2983 Blanco Mesaverde/Basin Dakota 72319/ 71599 Property Code Property Name Well Number SAN JUAN 27-4 UNIT 47P 7452 OGRID No. *Elevation *Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP 6772 14538 ¹⁰ Surface Location UL or lot no. Section Township Feet from the North/South line Feet from the East/West line RIO 20 27N Н 4W 2290 NORTH 170 EAST ARRIBA ¹¹Bottom Hole Location If Different From Surface UL or lot no. Section North/South line Lat Idn Feet from the Feet from the East/West line County 12 Dedicated Acres 13 Joint or Infill ¹⁴ Consolidation Code Order No. MV E/2 320 ac. NY2 320 ac DK 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 16 OPERATOR CERTIFICATION 5260.20 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief 2290 Signature Joni Clark Printed Name Sr. Regulatory Specialist Title 11-8-05 LAT: 36 *33.5767 N LONG: 107 *15.9012 W DATUM: NAD27 Date *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. 170 Survey Date: OCTOBER 28, 2005 Signature and Seal of Professional Surveyor SEON C. EDWARDS SEN METIC POESIGNA AND ESSIONA 5270.76 Certificate Number 15269

Submit 3 Copies To Appropriate District Office	State of New	Mexico		Form C-103	
District I	Energy, Minerals and N	fatural Resources		May 27, 2004	
1625 N. French Dr., Hobbs, NM 88240	•		WELL API NO.	29838	
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION	ON DIVISION	5. Indicate Type of Lease	30-039-049000 e	
District III	1220 South St. F	rancis Dr.	STATE	FEE X	
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM	I 87505	6. State Oil & Gas Lease	No.	
District IV	505		Fadamal Las	OF 000660	
1220 S. St. Francis Dr., Santa Fe, NM 873 SUNDRY NOTIO	CES AND REPORTS ON WELLS		7. Lease Name or Unit A	ase - SF-080669 greement Name	
(DO NOT USE THIS FORM FOR PROPOSAL	S TO DRILL OR TO DEEPEN OR PLUG	BACK TO A			
DIFFERENT RESERVOIR. USE "APPLICATI PROPOSALS.)	ION FOR PERMIT" (FORM C-101) FOR S	UCH	San Jua	ın 27-4 Unit	
1. Type of Well:			8. Well Number		
Oil Well Gas Well X	Other			#47P	
2. Name of Operator			9. OGRID Number		
3. Address of Operator	OURCES OIL & GAS COMPANY	(LP	10. Pool name or Wildca	t 4538	
•	REET, FARMINGTON, NM 8740	2		IV/ Basin DK	
4. Well Location			1501 0 0 1		
Unit Letter H : : :	2290' feet from the Nor Township 27N	th line and Range 4W	170' feet from the NMPMC	East line ounty Rio Arriba	
	. Elevation (Show whether DR, RK		NAME OF TAXABLE PARTY.	ouity Rio Airioa	
	6775	GL			
Pit or Below-grade Tank Application	or Closure				
Pit type New Drill Depth to Ground				earest surface water <1000	
Pit Liner Thickness: 12	mil Below-Grade Tank:	Volume	bbls; Construction M	aterial	
	Appropriate Box to Indica INTENTION TO:	te Nature of Not	ice, Report or Other SUBSEQUENT RE		
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIA		ALTERING CASING	
TEMPORARILY ABANDON	CHANGE PLANS	₩ 1	CE DRILLING OPNS.	P AND A	
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/C	EMENT JOB] —	
OTHER: Ne	w Drill	X OTHER:		П	
13. Describe proposed or comple	eted operations. (Clearly state all pe	ertinent details, and g	ive pertinent dates, includi	ng estimated date	
	k). SEE RULE 1103. For Multiple	e Completions: Attac	h wellbore diagram of prop	posed completion	
or recompletion.					
New Drill, Lined:					
New Diffi, Effed.					
Burlington Resources proposes to c	construct a new drilling pit and an a	ssociated vent/flare p	oit. Based on Burlington's	interpretation of the	
Ecosphere's risk ranking criteria, the					
Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the vent/flare pit will be designed to manage fluids and that portion will be lined as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover					
Pit Closure Procedure dated Augus			closing these pits according	ig to the Drilling / Workover	
The choom of hoodune dutou hugus	2, 200 i on me at ale 14,010 e.b on				
I hereby certify that the information at	pove is true and complete to the bes	st of my knowledge a	nd belief. I further certify tha	at any pit or below-	
grade tank has been/will be constructed oy cle	osed according to NMOCD guidelines], a general permit X	or an (attached) alternative O	CD-approved plan .	
100 LEVENS // / / / //	with they was				
SIGNATURE / VAA//		· -	• . •	D. (05)	
Type or print name Philan	MANAGERAL TIT	LE Regu	latory Associate II	DATE <u>1/25/2006</u>	
	a Thompson E-mail add		latory Associate II @br-inc.com Telephone		
For State Use Only	and the same of th		· · · · · · · · · · · · · · · · · · ·		
	a Thompson E-mail add	lress: pthompson	@br-inc.com Telephone	No. 505-326-9530	
APPPROVED BY Conditions of Approval (ff any):	a Thompson E-mail add	lress: pthompson	· · · · · · · · · · · · · · · · · · ·		

BURLINGTON RESOURCES OIL & GAS COMPANY, LP SAN JUAN 27-4 UNIT #47P, 2290' FNL & 170' FEL SECTION 20, T27N, R4W, NMPM, RIO ARRIBA COUNTY, NM GROUND ELEVATION: 6772' DATE: OCTOBER 28, 2005

LATITUDE: 36°33'35"
LONGITUDE: 107°15'54"

DATUM: NADI927



OPERATIONS PLAN

<u>Well Name:</u>

SAN JUAN 27-4 UNIT 47P

Location:

2290' FNL & 170' FEL, Section 20 T27N R04W

Rio Arriba County, New Mexico

Formation:

Blanco Mesaverde/Basin Dakota

Elevation: 6772' GL

Formation Tops:	Top	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3121'	
Ojo Alamo	3121'	3219'	aquifer
Kirtland	3219'	3444'	gas
Fruitland Coal	3444 '	3669'	gas
Pictured Cliffs	3669'	3784'	gas
Lewis	3784'	4154'	
Huerfanito Bentonite	4154'		
Chacra	4599'	54291	gas
Massive Cliff House	5429'	5474'	gas
Menefee	5474'	5804'	gas
Massive Point Lookout	5804'	6319'	gas
Mancos Shale	6319'	6959'	
Upper Gallup	6959'	7754 '	gas
Greenhorn	7754 '	7811'	gas
Graneros	7811'	7841'	gas
Two Wells	7841'	י 7972	gas
Upper Cubero	7972'	8016'	gas
Lower Cubero	8016'	8068'	gas
Oak Canyon	8068'	8090'	gas
Encinal	8090'	8083 '	gas
Total Depth:	8083'		gas

Logging Program:

Mud Logs/Coring/DST

Mud logs - from 7858' (about 200' above Greenhorn top) to TD

Coring - none

DST - none

Open hole - none

Cased hole - Gamma Ray, CBL - surface to TD

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	Vis.	Fluid Loss
0 - 200'	Spud MUD/Air/Air Mist	8.4 - 9.0	40 - 50	no control
200- 3884'	LSND	8.4 - 9.0	30 - 60	no control
3884 - 8083'	Air/Air Mist/Nitrogen	n/a	n/a	n/a

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

Hole Size	Depth Interval	<u>Csg.Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3884'	7 "	20/23#	J-55
6 1/4"	0' - 8083'	4 1/2"	10.5#	J-55

Tubing Program:

Depth Interval	<u>Csg.Size</u>	<u>Wt.</u>	<u> Grade</u>
0' - 8083'	2 3/8"	4.7#	J-55

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 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" 2000 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, 2000 psi minimum choke manifold (Reference Figure #3).

Completion Operations -

7 1/16" 2000 psi double gate BOP stack (Reference Figure #2). After nipple-up prior to completion, pipe rams, casing and liner top will be tested to 2000 psi for 15 minutes.

Wellhead -

9 5/8" x 7" x 4 ½" x 2 3/8" x 2000 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 drill crew.
- All BOP tests & 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 -

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. (38 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, 2% CaCl. Will 3 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 appropriate time until cement achieves 250 psi compressive strength at 60 degrees F. prior to nipple up of BOPE. Wait on cement for 8 hrs for conventionally set holes before pressure testing or drilling out from under surface. 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 with 350 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 w/90 sacks Type III cmt w/1% calcium chloride, 0.25 pps Celloflake, 0.2% fluid loss (124 cu ft 50% excess to circulate to surface). WOC minimum of 8 hours before drilling out intermediate casing. If cement does not circulate to surface, a CBL or a temperature survey will be run to determine TOC. Test casing to 1500 psi for 30 minutes.

7" intermediate casing alternative two stage -

Stage collar set 300' above the top of the Fruitland. First stage: Lead w/20 sacks Premium Lite cement with 3% calcium chloride, .25 pps celloflake, 5 pps LCM-1, 0.4% fluid loss. Tail w/90 Type III cmt w/1% calcium chloride, 0.25 pps Celloflake, 0.2% fluid loss. Second stage: 330 sacks Premium Lite cement with 3% calcium chloride, .25 pps celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% sodium metasilicate (703 cu ft - 50% 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 @ 3219'. Two turbolating centralizers at the base of the Ojo Alamo @ 3219'. Bowspring centralizers spaced every fourth joint from the base of the Ojo Alamo to the base of the surface casing.

4 1/2" Production Casing -

Pump 275 sxs Premium Lite HS FM w/0.25 pps celloflake, 0.3% CD-32, 6.25 pps LCM-1, 1% fluid loss, 6% gel, 7 pps CSE (544 cu.ft., 30% excess to achieve 100' overlap in $4-1/2" \times 7"$ annulus). WOC a minimum of 18 hrs prior to completing.

Cementing:

Continued

Cement float collar stacked on top of float shoe.

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

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. The liner hanger will have a rubber packoff.

• 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 (Air/Mist Drilling):

The following equipment will be operational while air/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.
- 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 Mesa Verde 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
Dakota 2000 psi

- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered below the top of the Pictured Cliffs.
- The North half of Section 20 is dedicated to the Dakota formation and the East half of Section 20 is dedicated to the Mesa Verde.
- This gas is dedicated.

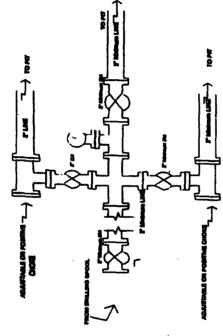


Burlington Resources

2000 psi System Drilling Rig

AND PLOOR

Drilling Rig Choke Manifold Configura 2000 pei System



2 2

PPLL-UP LINES

ROTATING HEAD.

TAN SURVEY ON THE

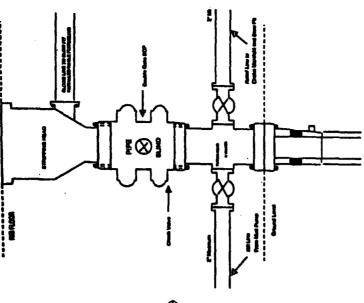
SHOW MADE YOUR

Choke manifold installation from Burlace Casing Point to Total Depth. 2,000psi working pres equipment with two chokes.

Figure #3

4-20-01

Figure #1



ure double gate BOP to be equipped with blind and pe rams. A stripping head to be installed on the top of Operations. 7-1/16" bore, 2000 pel minimum worldry preseure or greater excluding 500 pel stripping head. he 80P. At 80P equipment is 2000 pel working Minimum BOP installation for all Completion-Wo

Physics #2

4-20-01