UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

1.	Type of Work	105 JAN 12 PD 1 14 5. Lease Number
u.	DRILL	RECEIVED SF-079520-A Unit Reporting Number
b.	Type of Well GAS	6. If Indian, All. or Tribe
2.	Operator BURLINGTON RESCURCES Oil & Gas Co	ompany San Juan 28-5
).	Address & Phone No. of Operator PO Box 4289, Farmington	
•	(505) 326-9700	9. Well Number #81P
I.	Location of Well 595' FSL, 995' FWL Surface 2200' FSL, 2000' FWL Bott Latitude 36 ^O 37.5975'N, L Latitude 36 ^O 37.8615'N, L	
14.	Distance in Miles from Nearest Tow Gobernador 7 miles	wn 12. County 13. State Rio Arriba NM
15.	Distance from Proposed Location t	to Nearest Property or Lease Line
16.	Acres in Lease	17. Acres Assigned to Well S/2 320
18.	Distance from Proposed Location t	to Nearest Well, Drlg, Compl, or Applied for on this Lease
		, , ,
19.	20' Proposed Depth 8308'	20. Rotary or Cable Tools Rotary
	20' Proposed Depth	20. Rotary or Cable Tools
21.	20 ' Proposed Depth 8308 ' Elevations (DF, FT, GR, Etc.)	20. Rotary or Cable Tools Rotary 22. Approx. Date Work will Start
21.	Proposed Depth 8308' Elevations (DF, FT, GR, Etc.) 6753' GR Proposed Casing and Cementing P See Operations Plan att Authorized by:	20. Rotary or Cable Tools Rotary 22. Approx. Date Work will Start
21. 23. 24.	Proposed Depth 8308' Elevations (DF, FT, GR, Etc.) 6753' GR Proposed Casing and Cementing P See Operations Plan att Authorized by: Regulatory/Co	20. Rotary or Cable Tools Rotary 22. Approx. Date Work will Start Program Eached 1-12-05 Date
21. 23. 24. PERN	Proposed Depth 8308' Elevations (DF, FT, GR, Etc.) 6753' GR Proposed Casing and Cementing P See Operations Plan att Authorized by:	20. Rotary or Cable Tools Rotary 22. Approx. Date Work will Start Program Eached 1-12-05
APPR Archa Threa NOTE: Title 18	Proposed Depth 8308′ Elevations (DF, FT, GR, Etc.) 6753′ GR Proposed Casing and Cementing P See Operations Plan att Authorized by: Reguilatory/Co BIT NO. OVED BY Reguilatory/Co eological Report attached tened and Endangered Species Report By St. Section 1001, makes it a crime for ar	20. Rotary or Cable Tools Rotary 22. Approx. Date Work will Start Program Eached 1-12-05 Date Date DATE 623-1

DISTRICT I 1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised August 15, 2000

811 South First, Artesia, N.M. 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410 OIL CONSERVATION DIVISION 2040 South Pacheco

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

☐ AMENDED REPORT

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

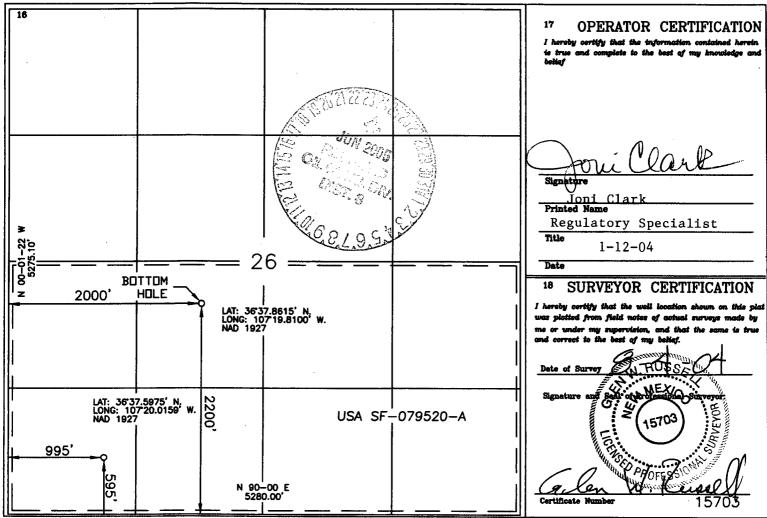
WELL LOCATION AND ACREAGE DEDICATION DIAT

Santa Fe, NM 87505

	ILDER TOCKTION WIND WOMENGE DEDIC	ATION FLAT
¹ API Number	Pool Code	⁵ Pool Name
30-039-	3470 71599/72319 Basin Dakota/B	Blanco Mesaverde
Property Code	⁵ Property Name	*Well Number
14538 74	HOO SAN JUAN 28–5 UNIT	81P
OGRID No.	*Operator Name	^e Elevation
14538	BURLINGTON RESOURCES OIL AND GAS COMPAN	NY LP 6753'

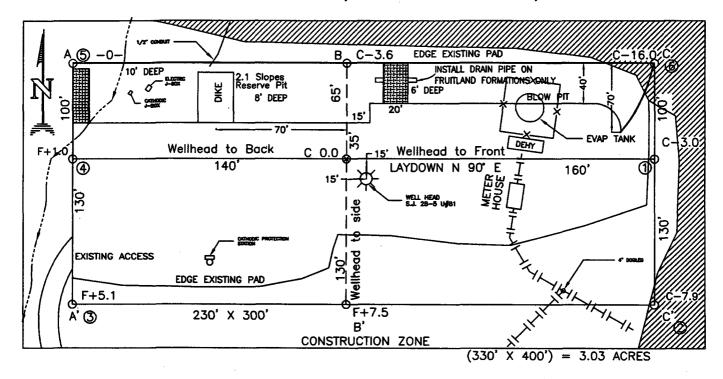
¹⁰ Surface Location North/South line Township Feet from the UL or lot no. Section Range Lot ldn Feet from the East/West line County SOUTH 26 28-N 5-W 595' **WEST** RIO ARRIBA М 995' 11 Bottom Hole Location If Different From Surface Township Lot Idn Feet from the North/South line Feet from the UL or lot no. Section Range East/West line County Κ 26 5-W 2200' SOUTH 28-N 2000 WEST RIO ARRIBA 18 Dedicated Acres Joint or Infill M Consolidation Code 18 Order No. S/2 320

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

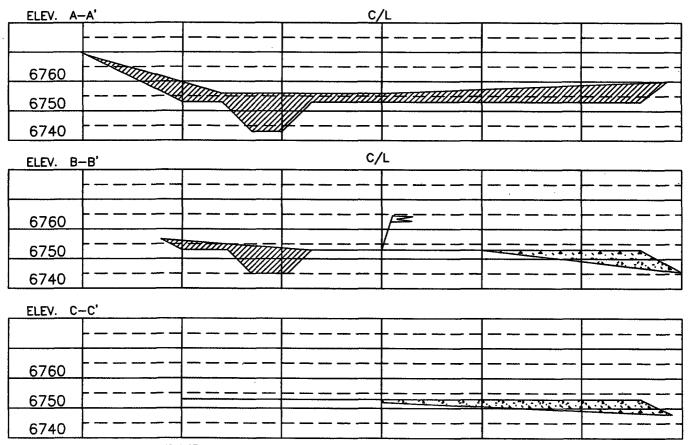


*Submit 3 Copies To Appropriate Distric	State of $N\epsilon$	ew Mexico		Form C-103
Office District I	Energy, Minerals and	d Natural Resources		May 27, 2004
1625 N. French Dr., Hobbs, NM 88240			WELL API NO.	
District II	- OH CONCERNA	TON DIVICION		30-039-
1301 W. Grand Ave., Artesia, NM 882			5. Indicate Type of Lea	
District III	1220 South S		STATE	FEE
1000 Rio Brazos Rd., Aztec, NM 8741	O Santa Fe, I	NM 87505	6. State Oil & Gas Leas	e No.
District IV 1220 S. St. Francis Dr., Santa Fe, NM	87505		SE.	079520A
	TICES AND REPORTS ON WEL	LS	7. Lease Name or Unit A	
(DO NOT USE THIS FORM FOR PROPOS.				-5
DIFFERENT RESERVOIR. USE "APPLICA	ATION FOR PERMIT" (FORM C-101) FO	R SUCH	San Ju	an 28-5 Unit
PROPOSALS.)			<u></u>	
1. Type of Well: Oil Well Gas Well	X Other		8. Well Number	81P
2. Name of Operator	<u></u>		9. OGRID Number	
	ESOURCES OIL & GAS COMPA	NY LP		14538
3. Address of Operator 3401 E. 30TH S	STREET, FARMINGTON, NM 8	7402	10. Pool name or Wildon Blanco Mesa	nt verde/Basin Dakota
4. Well Location		102	Dianeo Mesa	Vordo/ Bushi Bukota
Unit Letter K		South line and	2000 feet from the	
Section 26	Township 28 11. Elevation (Show whether DR,		NMPM (County Rio Arriba
Pit or Below-grade Tank Application	X or Closure			
Pit type New Drill Depth to Grou	indwater > 100' Distance from n	earest fresh water well	>1000' Distance from	searest surface water > 1000'
Pit Liner Thickness:	mil Below-Grade Tank	: Volume	bbls; Construction M	[aterial
12. Chec	k Appropriate Box to Indi	cate Nature of Not	ice, Report or Other	Data
	INTENTION TO:		SUBSEQUENT RI	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIA		ALTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMEN	CE DRILLING OPNS.	PANDA
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/C	EMENT JOB]
OTHER:	New Drill	X OTHER:		П
13. Describe proposed or comp	oleted operations. (Clearly state al	l pertinent details, and g	ive pertinent dates, includ	ing estimated date
·	ork). SEE RULE 1103. For Mult	iple Completions: Attac	h wellbore diagram of pro	posed completion
or recompletion.	,			
Burlington Resources proposes to	o construct a new drilling pit and	an associated blow/flare	pit. Based on Burlington'	s interpretation of the OCD's
	lling pit and blow/flare pit will be			
	il 26, 2004 on file at the NMOCD			
that portion will be unlined, as po				
William D's Olsson Doses Issue	er the risk ranking criteria. Burlin	gton Resources anticipa	tes closing these pits accor	
workover Pit Closure Procedure	er the risk ranking criteria. Burlin dated August 2, 2004 on file that		tes closing these pits accor	
Workover Pit Closure Procedure			tes closing these pits accor	
workover Pit Closure Procedure			tes closing these pits accor	
workover Pit Closure Procedure			tes closing these pits accor	
workover Pit Closure Procedure			tes closing these pits accor	
workover Pit Closure Procedure			tes closing these pits accor	
workover Pit Closure Procedure			tes closing these pits acco	
workover Pit Closure Procedure			tes closing these pits acco	
	dated August 2, 2004 on file that	the NMOCD office.		rding to the Drilling /
I hereby certify that the information grade tank has been/will be constructed or	dated August 2, 2004 on file that	the NMOCD office. best of my knowledge a	nd belief. I further certify th	rding to the Drilling /
I hereby certify that the information grade tank has been/will be constructed or	above is true and complete to the	best of my knowledge a	nd belief. I further certify th or an (attached) alternative (rding to the Drilling /
I hereby certify that the information	above is true and complete to the	best of my knowledge a	nd belief. I further certify th	rding to the Drilling /
I hereby certify that the information grade tank has been/will be constructed or SIGNATURE Type or print name	above is true and complete to the closed according to NMOCD guidelines	best of my knowledge a	nd belief. I further certify th or an (attached) alternative (rating to the Drilling / Lat any pit or below- DCD-approved plan DATE 1/12/2005
I hereby certify that the information grade tank has been/will be constructed or SIGNATURE	above is true and complete to the closed according to NMOCD guidelines	best of my knowledge a	nd belief. I further certify the or an (attached) alternative of gulatory Specialist or-inc.com Telephone	rating to the Drilling / Lat any pit or below- DCD-approved plan DATE 1/12/2005 E. No. 326-9700
I hereby certify that the information grade tank has been/will be constructed or SIGNATURE Type or print name For State Use Only	above is true and complete to the closed according to NMOCD guidelines Joni Clark E-mail	best of my knowledge a	nd belief. I further certify th] or an (attached) alternative (egulatory Specialist	rating to the Drilling / Lat any pit or below- DCD-approved plan DATE 1/12/2005 E. No. 326-9700
I hereby certify that the information grade tank has been/will be constructed or SIGNATURE Type or print name	above is true and complete to the closed according to NMOCD guidelines Joni Clark E-mail	best of my knowledge a	nd belief. I further certify the or an (attached) alternative of gulatory Specialist or-inc.com Telephone	rating to the Drilling / Lat any pit or below- DCD-approved plan DATE 1/12/2005 E. No. 326-9700

BURLINGTON RESOURCES OIL & GAS COMPANY LP SAN JUAN 28-5 UNIT #81P, 595' FSL & 995' FWL SECTION 26, T-28-N, R-5-W, NMPM, RIO ARRIBA COUNTY, NM GROUND ELEVATION: 6753', DATE: FEBRUARY 11, 2004



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: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUNG UTILITIES OR PIPELINES.

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.

OPERATIONS PLAN

Well Name: San Juan 28-5 Unit #81P

Location: 595'FSL, 995' FWL, Section 26, T-28-N, R-5-W surface location

2200'FSL, 2000' FWL, Section 26, T-28-N, R-5-W bottom hole location

Rio Arriba County, New Mexico

Latitude 36° 37.5495'N, Longitude 107° 20.0192'W surface Location Latitude 36° 37.8615'N, Longitude 107° 19.8095'W bottom hole Location

Formation: Blanco Mesa Verde/Basin Dakota

Elevation: 6733'GL

	TMD	TVD	TMD	
Formation Tops:	<u>Top</u>	Top	Bottom	Contents
Surface	San Jose		3034'	-
Ojo Alamo	3034′	2969'	3245 ′	aquifer
Kirtland	3245'	3151'	3501 ′	gas
Fruitland	3501 ′	3426 ′	3710 ′	
Pictured Cliffs	3710'	3626'	3922 ′	gas
Lewis	3922 '	3830 ′	4350′	gas
Huerfanito Bentonite	4350′	4242'	4715 ′	gas
Chacra	4715′	4593'	5346 ′	gas
UpperCliff House	5346 ′	5200 ′	5560 ′	
Massive Cliff House	5560 ′	5406 ′	5628 ′	
Menefee	5628 ′	5470 ′	5963 ′	gas
Point Lookout	5963'	5792 ′	6506 ′	gas
Mancos	6506 ′	6314 ′	7234′	gas
Gallup	7234 ′	7014′	7954 ′	gas
Greenhorn	7954'	7 707'	8024 ′	as
Graneros	8024'	7774'	8072 ′	gas
Dakota	8072 '	7820 ′	8164′	gas
Upper Cubero	8164'	7909 ′	8223 ′	
Lower Cubero	8223 ′	7965 ′	8283 ′	
Oak Canyon	8283 '	8023 ′	8306 ′	
Encinal	8310 ′	8045′		
TD	8308' MD	8043'	TVD	

Logging Program:

Cased Hole - CBL-GR-TD to surface

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 500 '	Spud		40-50	no control
500- 8308 ′	Non-dispersed	8.4-9.0	30-60	less than 8

Drilling:

Surface Hole:

Drill to surface casing point of 500' and set 9 5/8" casing.

Production Hole:

Mud drill to kick off point of 1300'. At this point the well will be directionally drilled by building 4.03 degrees per 100' with an azimuth of 58 degrees. The end of the build will be at a TVD of 1695', a TMD of 1700', hd of 56' and an angle of 16.12 degrees. This angle and azimuth will be held to a total depth of 8043' TVD and 8308' MD

Materials:

<u>Casing program:</u> Hole Size <u>Interval</u>			Size	Weight	<u>Vis.</u>
	TMD	TVD			
12 ¾" 7 7/8"	500 ′ 8308 ′	500 ′ 8043 ′	9 5/8" 4 ½"	32.3# 10.5, 11.6	H-40 # J-55,L-80

Operations Plan - San Juan 28-5 Unit #81P

Page Two

Tubing Program:
ole Size Interval

Hole Size	<u>Interval</u>		<u>Size</u>	Weight	<u>Vis.</u>
	TMD	TVD			
2 3/8"	0'	8308 ′	2 3/8"	4.7#	J-55

Wellhead Equipment

9 $5/8" \times 2 3/8" - 11"$ (2000 psi) wellhead assembly

Cementing:

9 5/8" surface casing conventionally drilled -

Cement with 367 sacks Type III cement with 0.25 pps Celloflake, 3% calcium chloride. (470 cu ft-200% access, bring cement to 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.

Saw tooth guide shoe on bottom. Bowspring centralizers will be run in accordance with Onshore Order #2.

4 $\frac{1}{2}$ " production casing - Lead w/1285 sxs Premium Lite HS FM cement w/3% calcium chloride, 0.25 pps celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% SMS. Tail w/90 sxs Type III cmt w/1% calcium chloride, 0.25 pps celloflake, 0.2% fluid loss (2862 cu ft, 50% excess to circulate to surface). If cement does not circulate to surface, a CBL or a temperature survey will be run to determine TOC.

4 ½" production casing alternative slurry— stage collar @ 5913' TMD'. First stage: pump 325 sxs Premium Lite HS FM w/ 3% calcium chloride, 0.25 pps celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% SMS. Tail with 90 sxs Type III cmt w/1% calcium chloride, 0.25 pps celloflake, 0.2% fluid loss. Second stage: pump 960 sxs Premium Lite w/3% calcium chloride, 0.25 pps celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% SMS (2862 cu ft of slurry, 50% excess).

BOP and Tests:

Surface to production TD - 11", 2000 psi double gate BOP stack (Reference Figure #1).

Prior to drilling out surface casing, test rams and casing to 600 psi for 30 minutes.

Surface to Total Depth - choke manifold (Reference Figure #2).

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

Additional Information:

- This gas is dedicated to the south half of Section 26 for the Mesaverde and Dakota formation.
- The gas is dedicated.
- New casing will be utilized.
- · Pipe movement (reciprocation) will be done if hole conditions permit.
- No abnormal pressure zones are expected.

amfummelard	M	1-11-05	
Drilling Engineer	0	Date	

BURLINGTON RESOURCES

BURLINGTON RESOURCES

Completion/Workover Rig BOP Configuration 2,000 psi System

Drilling Rig Choke Menifold Configuration 2000 psi System

Burlington Resources

2000 pei System Orilling Rig

100 PLOOR

POVEL GATT

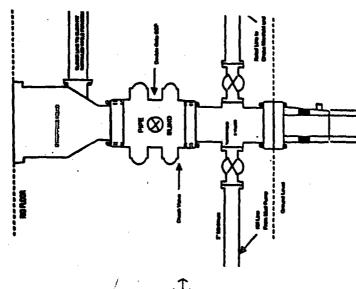
PFILLIP LIME

Point to Total Dapth. 2,000pel working pressure equipment with two chokes.

Figure 83

4-20-01

Figure #1



pressure or greater exchaing 600 pei stripping head saura double gata BOP to be equipped with bili he BOP. At BOP equipment is 2000 pel worting erations. 7-1/16" bore, 2000 pel minimum v num BOP Instatlation for eli Com po reme. A stripping head to be incl Pigere #2

4-20-0<u>1</u>