UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

la.	Type of Work	5. Lease Number
a.	DRILL	SF-080669
	DRI 2H	Unit Reporting Number
	The state of the s	DK-8910010540
		MV-891001054A
5 .	Type of Well	6. If Indian, All. or Tribe
	GAS /	<i>100</i>
	= 940°/4	7. Unit Agreement Name
	Operator (C) Operator	V S
	BURLINGTON RESOURCES Oil & Gas Coppgany	San Juan 27-4 Unit
	1 & Gas Company	c'59
	Address & Phone No. of Operator	8. Farm or Lease Name
	PO Box 4289, Farmington, NM 87499	San Juan 27-4 Unit
	10 Box 1200, raining out,	9. Well Number
	(505) 326-9700	16M
		A Fill Day Milday
	Location of Well	10. Field, Pool, Wildcat Blanco MV/Basin DK
	2545' FNL, 2255' FWL	11. Sec., Twn, Rge, Mer. (NMPM)
		Sec. 17, T-27-N, R-4-W
	Latitude 36° 34.4, Longitude 107° 16.5	API# 30-039- 26 3 79
		,
4.	Distance in Miles from Nearest Town	12. County 13. State
٠.	16 miles from Gobernador	Rio Arriba NM
5.	Distance from Proposed Location to Nearest Property of	r Lease Line
	2255'	17. Acres Assigned to Well
6.	Acres in Lease	320 W/2
8.	Distance from Proposed Location to Nearest Well, Drlg,	Compl, or Applied for on this Lease
Ο.	2000' This is an expected a two in the pre-	
9.	Proposed Depth	and Average 20. Rotally of Cable 1991
	8050' and appeal personal to 45 OPH GRE	
		22. Approx. Date Work will Start
1.	Elevations (DF, FT, GR, Etc.)	22. Approx. Date Work will other
	6804' GR /	
-	Proposed Casing and Cementing Program	palling . Her your dutinoryed are
23.	See Operations Plan attached	SUMMED FIRE DESIGNED WERE WITH ATTACH
	Sec operations fram dotains	LOSENEUM (EGANEUM EMIZ.)
		Additional transfer when it is the first of the second
		2-19-00
24.	Authorized by:	
	Regulatory/Compliance Admin	istrator Date
PFRI	MIT NO APP	ROVAL DATE
	-	2 2 2000 A TANAY 2 2 2000
PERI	MIT NO	

Archaeological Report to be submitted

Archaeological Report to be submitted

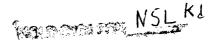
Threatened and Endangered Species Report to be submitted

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.







Ulstrict I PO 80x 1980. Hobbs. NM 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-10 Revised February 21, 199 Instructions on par Submit to Appropriate District Offic

District II PO Drawer DD. Artesia. NM 88211-0719

OIL CONSERVATION DIVISION PO Box 2088

State Lease - 4 Copie Fee Lease - 3 Copie

District III 1000 Rio Brazos Rd. Aztec, NM 87410

Santa Fe, NM 87504-2088 AMENDED REPOR

6857

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

Strict IV D Box 2088, Santa	Fe, NM B7504-20	88				-			
	l	VEI I	LOCATIO	ON AND AC	REAGE DEDI	CATION	PLAT		
API N			'Pool Code				Name		
30-039-			19/7159		nco Mesave	rde/Ba	sin Dal	kota	
1900 1900 1900 1900 1900 1900 1900 1900	1 / /	123.		*Property	Name			l we	11 Number
7452			SA	S NAUL NA	7-4 UNIT				16M
'OGRID No.				*Operator	Name				levation
14538	E	BURLI	NGTON F	RESOURCES	OIL & GAS	COMPA	N Y		5804'/
			1	^o Surface	Location				County
L or lot no. Sect	1 1	Range 4W	Lot Ion	Feet from the 2545	NORTH	Feet from 2255		WEST	RIO ARRIBA
			110301		f Different	From S	Surface		1
UL or lot no. Sec	tion Township	ottom Range	Hole L	ocation I	North/South line	Feet from		st/West line	County
W. W. 100 10.		·							
12_Deducated ACCES	13 Joint or Infi	11 14 Cone	molidation Code	¹⁵ Order No.					
м V°- W7 320 DK-W/320									
DK-W/JZU		SSTONE	n to th	TS COMPLETI	ON UNTIL ALL	INTERES	STS HAVE	BEEN CO	NSOLIDATED
NU ALLUNADL	OR A	NON-S	TANDARD	UNIT HAS B	EEN APPROVED	<u> </u>			IFICATIO
L. V	 	9			MAY 2000		Bega	y Coe	n contained herein knowledge and bel:
		2545		STATE OF THE STATE	81953	E Pr	tle	ne	ninistra
2	255'	100	17 -			_ 0	CUDVEY	OD CERT	IFICATIC
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528	N D	,Ko,					NOVEME	BER 17,	1999
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16	· ——		-				July 1	N ME	tic 705

5260.201

OPERATIONS PLAN

Well Name: San Juan 27-4 Unit #16M

Location: 2545'FNL, 2255'FWL, Sec 17, T-27-N, R-4-W

Rio Arriba County, NM

Latitude 36° 34.4, Longitude 107° 16.5

Formation: Blanco Mesa Verde/Basin Dakota

Elevation: 6804' GL

Formation Tops:	Top	Bottom	Contents
Surface	San Jose	3057 '	
Ojo Alamo	3057 '	3164 ′	aquifer
Kirtland	3164'	3303 ′	gas
Fruitland	3303 '	3640'	gas
Pictured Cliffs	3640'	3759 '	gas
Lewis	3759'	4214'	gas
Intermediate TD	3859'		
Mesa Verde	4214'	4640′	gas
Chacra	4640'	5436 ′	gas
Massive Cliff House	5436'	5496'	gas
Menefee	5496'	5811 ′	gas
Massive Point Lookout	5811'	6360 '	gas
Mancos	6360 ′	6998 ′	gas
Gallup	6998 ′	7785 ′	gas
Greenhorn	7785'	78 45'	gas
Graneros	7845'	7875 '	gas
Dakota	7875 ′		gas
TD	8050'		

Logging Program:

Cased hole - CBL-CCL-GR - TD to surface
Cores - none

Mud Program:

Interval	Туре	Weight.	Vis.	Fluid Loss
0- 200'	Spud		40-50	no control
200- 3859 '	LSND	8.4-9.0	30-60	no control
3859- 8050 '	Air/N2	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

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

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
12 1/4"	0' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 3859'	7 "	20.0#	J-55
6 1/4"	3759' - 8050' <i>~</i>	4 1/2"	10.5#	K-55

Tubing Program:

0' -8050' 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.

Note: To facilitate higher hydraulic stimulation completion work, no liner hanger will be used. In its place, a long string of 4 1/2" casing will be run and cemented with a minimum of 100' of cement overlap between the 4 1/2" x 7" casing strings. After completion of the well, a 4 1/2" retrievable bridge plug will be set below the top of cement in the 4 1/2" x 7" overlap. The 4 1/2" casing will then be backed off above the top of cement in the 4 1/2" x 7" overlap and laid down. The 4 1/2" bridge plug will then be retrieved and the production tubing will be run to produce the well.

 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 (Gas/Mist Drilling):

The following equipment will be operational while gas/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.
- Deduster equipment will be utilized.
- 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 Dakota and Mesa Verde 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 2500 psi

- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered.
- The west half of Section 17 is dedicated to the Mesaverde and the Dakota in this well.

This gas is dedicated

Drilling Engineer

2/17/2000 Date