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

	and Reports on Well	S	
		5.	Lease Number NM-4447
1. Type of Well GAS		6.	If Indian, All. of Tribe Name
2. Name of Operator		7.	Unit Agreement Na
BURLINGTON RESOURCES OIL & GAS	COMPANY		
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 8749	99 (505) 326-9700	8. 9.	Tapacito #1 API Well No.
4. Location of Well, Footage, Sec., 7 1190'FNL, 990'FEL, Sec.16, T-26-N		10.	30-039-20272  Field and Pool  Blanco Mesaverde
		11.	County and State Rio Arriba Co, NM
12. CHECK APPROPRIATE BOX TO INDICATE			DATA
Type of Submission _X_ Notice of Intent _X_	Type of Act Abandonment	Change of Pla	ans
Subsequent Report	Plugging Back	New Construct Non-Routine	Fracturing
Final Abandonment	Casing Repair Altering Casing Other -	Water Shut of Conversion to	
13. Describe Proposed or Completed	Operations		
It is intended to plug and aban procedure.	ndon the subject wa	ell according to	o the attached
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	AN 2000	9	<u>9</u> 
	JAN 2002 RECEIVED		0 1 1 1
	ARECEIVED ON ON		
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	JAN 2002 RECEIVED ON ON		
14. I hereby certify that the fore	Q. Sugar		
	going is true and o	correct.	

### Tapacito #1

Blanco Mesaverde AIN #7316501

1190' FNL and 990' FEL, Section 16, T-26-N, R-2-W San Juan County, New Mexico, API #30-039-20272 Lat:36° 29.3382' / Long: -107° 2.961'

#### PLUG & ABANDONMENT PROCEDURE

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement is ASTM Type II, (15.6ppg, 1.18 cf/sx).

- 1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Burlington safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well; kill with water as necessary. ND wellhead and NU BOP; test BOP operation.
- 2. Release packer at 5876', type unknown. TOH and tally 2-3/8" EUE tubing (5876'). Visually inspect the tubing, if necessary LD and PU workstring. If unable to release packer, then determine tubing free point by stretch. Obtain approval from BLM to back off or jet cut tubing.
- 3. Plug #1 (Mesaverde perforations and top, 5816' 5490'): Set a 4-1/2" CIBP or cement retainer at 5816' or above the tubing stub. TIH with tubing and tag CIBP. Load well with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 29 sxs cement and spot a balanced plug above CIBP to isolate Mesaverde perforations and top. PUH to 3924'.
- 4. Plug #2 (7-5/8" casing, 4-1/2" liner top and Pictured Cliffs tops, 3924' 3690'): Mix 61 sxs cement and spot a balanced plug inside casing to cover the Pictured Cliffs top. PUH to 3545'.
- 5. Plug #3 (Kirtland/Fruitland and Ojo Alamo tops, 3545' -3340'): Mix 58 sxs cement and spot a balanced plug inside casing to cover through the Ojo Alamo top. TOH with tubing.
- 6. Plug #4 (Nacimiento top, 1665' 1565'): Mix 34 sxs cement and spot a balanced plug inside casing to cover then Nacimiento top. TOH with tubing.
- 7. Plug #5 (10-3/4" surface casing, 356' 286): Pressure test the bradenhead annulus to 300#. If able to pump into, then perforate 3 HSC holes at 356'. Establish circulation out bradenhead with water. Mix and pump approximately 170 sxs cement down the 7-5/8" casing, circulate good cement to surface. If bradenhead tests, then mix 34 sxs cement and spot a balanced plug from 356' to 256' to cover the surface casing shoe. TOH and LD tubing.
- 8. Plug #6 (Surface, 50' Surface): Perforate 2 HSC holes at 50'. Establish circulation out bradenhead with water. Mix and pump 24 sxs cement down the 7-5/8" casing, circulate good cement to surface. Shut in well and WOC.

9. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Recommended:

meration Engineer

Approved:

11.14.01

**Drilling Manager** 

**Operations Engineer** 

Brett Bradford

326-9577 (Office)

324-6906 (Pager)

Sundry Required:

Approved: //////

Regulatory Approva

**Production Foreman** 

Specialist:

Jim Work

Darren Randall 326-9808 (Office)

324-7335 (Pager)

Lease Operator:

Larry Nelson

320-2447 (Cell) 320-2570 (Cell) 324-7721(Pager) 326-8470 (Pager) Plug 6: 100-0, Perf @ 100', Establish rive,

Spot 48 Ses Inside/outside to surface

103/4" 32 75 4 @ 305' 300 SKS - circ to surface

.24945

Pluj 5: Perfe 356', Established (irc., spot 170 sts inside/outside to surface. DR if braden head holds, spot 34 sx belonced plug from 356 - 256'

- lide @ 1465', 59 reezed of 200 Ers A 10/10/89

Pluj#4: 1415-1665, 68 5xs 50° 0 × 1000

Phy #3: 3340-3545 , 58 5xs 124% 50'expec 75/8" 264#@ 3874" 600 sx s (500 sxs light, 100 sx "A")

Plus #2: 3690' - 3974', 61 sts 135% 50 exiend

Plug # 1: 5490-5816 +/- , 29 5x5 118% 50'excess
(180/Retainer @ 5816 +/-

Perfs 5956-5966 (mu)

CIBP @ 5950 Taid 12-20.69

Squeezed w/ 100 sx s 12/9/69

Oprfs 7160 - 7370' BP@ 8090 13/9/69

11/20/69 Perfs 8138' - 8202, 5g-Rezed of 100 EAS Derfs 8168 - 8180', 54 acres wy 150 ses 11/26/69

Porte 8232', Porte 8169'-80'

45" 10.5# 3761-8051 Commend wy 300 5x3 Holisarden Light Squeezed finer Top of 200 sxs

95/21

63/411, TO

8205

#### UNITED STATES DEPARTMENT OF THE INTERIOR

## BUREAU OF LAND MANAGEMENT Albuquerque Field Office 435 Montano N.E. Albuquerque, New Mexico 87107

Company <u>Burlington Resources</u>

Well No. Tapacito No. 1

Location 1190' FNL & 990' FEL Sec.16, T26N, R2W, NMPM

Lease No. NMNM-4447

Government Contacts:

Bureau of Land Management, Albuquerque Field Office Office 505.761.8700

Manager: Steve Anderson, Assistant Field Manager 505.761.8982

Petroleum Engineer: Brian W. Davis 505.761.8756, Home 505.323-8698,

Pager 505.969.0146, Cell 505.249.7922,

Petroleum Engineering Technician: Al Yepa 505.321.4426 cell and 505.289.3748

BLM Geology / Environmental Contact:

Patricia M. Hester 505.761.8786

# GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL AND INDIAN LEASES

- 1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
- 2. Blowout prevention equipment is required.
- 3. The sundry is approved with the following changes:
  - I. Permission to cut tubing at 5816 +/- if retainer won't release.
  - II. Plug 4, 1415 1665', 68 sxs
  - III. Plug 5, If braden head fails and circulation is established from 356 to surface, plugs 5 & 6 can be combined.
  - IV. Plug 6, 100' surface, 48 sxs.

## BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work should be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

- 1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.
- 2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in a an approved facility.
- 3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped to a minimum of 12" in depth before reseeding.
- 4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

% Slope	Spacing Interval
Less than 20%	200'
2 to 5 %	150'
6 to 9 %	100'
10 to 15 %	50'
Greater than 15%	30'

- 5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.
- 6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.
- 7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us. On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.