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



PC

Sundry Notices and Reports on Wells	99 JUL 20	PM 2: 1.7
1. Type of Well GAS	010 FAAMIN 6.	Lease Number 81086449 If Indian, All. or Tribe Name
2. Name of Operator	7.	Unit Agreement Name San Juan 27-4 Unit
BURLINGTON RESOURCES OIL & GAS COMPANY		
	8.	Well Name & Number
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	9.	San Juan 27-4 U #16A API Well No. 30-039-21379
4. Location of Well, Footage, Sec., T, R, M 850'FNL, 850'FWL, Sec.17, T-27-N, R-4-W, NMPM	10.	Field and Pool Blanco MV/Tapacito P
OSO TRE, OSO TRE, Sec. II, I ZI II, K 4 II, IMPER	11.	County and State Rio Arriba Co, NM
12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, R	EPORT, OTHER	DATA
Type of Submission Type of Action		
	Change of Pla	
	New Construct Non-Routine F	
	Water Shut of	
	Conversion to	
_X_ Other - Commingle		•
13. Describe Proposed or Completed Operations		
It is intended to commingle the subject well accord	ing to the at	tached procedure.
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14. I hereby certify that the foregoing is true and cor	rect.	BIFE E SEED
Signed MAN Stable Title Regulatory Admin	<u>istrator</u> Date	7/20/99
(This space for Federal or State Office use)  APPROVED BY /S/ Duane W. Spencer  Title Team Leed, Petroleum	A1	JG - 2 1999
CONDITION OF APPROVAL, if any:		***

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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## San Juan 27-4 Unit #16A

Mesa Verde/Pictured Cliffs AIN: 5331101 and 5331102 850' FNL & 850' FWL Unit D, Sec. 17, T27N, R4W

Latitude / Longitude: 36° 34.6802'/ 107° 16.7523'

## Recommended Commingle Procedure

**Project Summary:** The San Juan 27-4 Unit #16A is a dual Mesa Verde/Pictured Cliffs well drilled in 1977. We plan to commingle this well and add telemetry. This well has not been pulled since completion. Both tubing strings are set below their respective perforations.

- Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. Notify BROG Regulatory (Peggy Bradfield 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document approval in DIMS/WIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.
- 2. MOL and RU workover rig. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with 2% KCl water as necessary. ND wellhead and NU BOP. Test and record operation of BOP rams. Have wellhead and valves serviced at machine shop to convert to a single string wellhead (2-3/8"). Test secondary seal and replace/install as necessary.
- Set a plug with wireline in the 1.78" ID SN (6042') on the Mesa Verde tubing. Pick up 1-1/4" tubing and RIH to the top of the Model F packer to determine if any fill is present. If fill is present TOOH and remove bull-plugged mud anchor on bottom of tubing. TIH and circulate any fill off of the packer. TOOH laying down the 1-1/4", 2.33#, J-55 IJ Pictured Cliffs tubing (set at 3625'). Note: The Pictured Cliffs tubing has a 2-3/8" hanger and a 1-1/4" x-over below tubing hanger.
- 4. Release seal assembly from the Model F Packer with straight pickup (no rotation required). Seal assembly was set with approximately 6,000# compression. If seal assembly will not come free, then cut 2-3/8" tubing above the packer and fish with overshot and jars. TOOH with 2-3/8", 4.7#, K-55 Mesa Verde tubing (set at 6076'). Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer.
- PU and TIH with Model CK packer retrieval spear (PRS, with holes drilled near rotary shoe), rotary shoe, drain sub, top bushing, bumper sub, jars, and 4-6 drill collars on 2-3/8", 4.7#, J-55, EUE tubing. Mill out Model F packer at 3680' with air/mist. Note: when using air/mist, the minimum mist rate is 12 bph. Try to maintain air rate at 1,400 cfm. A hydrocarbon stable foamer should be utilized since this well makes significant amounts of condensate. After milling over the packer slips, POOH with tools and packer body.
- 6. TIH with 3-7/8" bit and cleanout to PBTD at +/- 6093'. TOOH with tubing.

- 7. TIH with one joint of 2-3/8" tubing with an expendable check on bottom and a seating nipple one joint off bottom. Broach all tubing and land at approximately 6030'. ND BOP and NU single string wellhead (2-1/16" master valve). Pump off expendable check and blow well in. Return well to production.
- .8. Production Operations will install plunger lift equipment and telemetry.

Recommended: 6-16-99
Operations Engineer

Approval:

Bruce Drilling Superintendent

Contacts:

Operations Engineer

Tim Friesenhahn 326-9539 (Office) 324-7031 (Pager)

Production Foreman

Ward Arnold 326-9846 (Office) 326-8340 (Pager)