submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

5. **Lease Number**
NMSF-078504

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

2. **Name of Operator**
BURLINGTON RESOURCES **OIL & GAS COMPANY**

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. **Well Name & Number**
San Juan 32-9 Unit 67

9. **API Well No.**
30-045-11376

4. **Location of Well, Footage, Sec., T, R, M**
1090'FNL, 1630'FEL, Sec 24., T-32-N, R-10-W, NMPM

10. **Field and Pool**
Blanco MV/Blanco PC

11. **County and State**
San Juan Co, NM

12. **CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

Type of Submission	Type of Action		
_X_ Notice of Intent	___ Abandonment	___ Change of Plans	
	___ Recompletion	___ New Construction	
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing	
	___ Casing Repair	___ Water Shut off	
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection	
	_X_ Other - P & A		

13. **Describe Proposed or Completed Operations**

It is intended to modify the existing approved Plug and Abandonment procedure for the subject well according to the attached procedure.

DEC 2001
RECEIVED
OIL CON. DIV.
DIST. 3

14. **I hereby certify that the foregoing is true and correct.**

Signed Peggy Cole Title Regulatory Supervisor Date 12/10/01

FSB

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date 12/13/01
CONDITION OF APPROVAL, if any:

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 representations as to any matter within its jurisdiction.

NMOCD

Project Objective:

The San Juan 32-9 #67 is a Pictured Cliffs (MV T&A) well with an approved procedure for P&A. The San Juan 32-9 #67 is the last of five P&A wells in which the Fruitland Coal Team plans to obtain layered reservoir pressures. Operations consist of following this testing procedure for four separate zones in the Fruitland Coal. ***Important! Steps 1-2 of the approved P & A procedure is to be replaced with this procedure! A modification to Step 4 may be required due to the additional perforations in the Fruitland.*** Following a minimum 7-day shut in period, the gauges will be pulled and plugging operations resumed.

NOTE: All wireline work will be done under a full lubricator and packoff with a 2" bleed-off tee & ball valve.

Below are estimated materials required for the reservoir testing procedure:

Items	Quantity
7-5/8", 26.4#, Wireline set tubing retrievable bridge plug (RBP)	5
3,000 psi bottom hole pressure gauge	8

1. Inspect location and test rig anchors. MIRU completion rig. Hold safety meeting. Place fire and safety equipment in strategic locations. Comply with all BR, BLM and NMOCD rules and regulations.

2. ND wellhead and NU BOP, flow tee, and stripping head. Test operation of BOP and rams. NU blooie line and 2-7/8" relief line. Lay flow lines to pit and stake down.

3. TOOH with 121 joints 2-3/8" tubing (3764'). Visually inspect tubing; if necessary, LD and PU workstring. Round trip 4-1/2" gauge ring or casing scraper to 3612'.

4. RU perforating company and wireline set a RBP @ 3600'. TIH with open-ended tubing. Load hole with water and circulate clean. Pressure test casing to 500 psig. Notify engineering if test fails.

5. Unload hole down to ~3000'. Use air package if available or swab through the tubing.

RESERVOIR TESTING:

1. RIH with perforating guns. Record any depth adjustments. Perforate the Fruitland Coal with 2 spf, 120° phasing, EHD 0.36", Pen 26.36" (HSC-4000-311T) at the following depths:

Interval	Interval length	No of holes	Phasing	Shots/Foot
3566' – 3590'	24'	48	120°	2
3392' – 3419'	27'	54	120°	2
3348' – 3350'	2'	4	120°	2
3322' – 3234'	12'	24	120°	2

2. POOH and ND wireline. Inspect casing gun to ensure all shots fired.

3. Stage in hole with 2-3/8" tubing open-ended and blow wellbore dry to RBP @ 3600'. Once wellbore is dry, shut air off and attempt to flow well back for ½ hour. Blow wellbore dry again to make certain the wellbore is dry and that the formation is not producing water.

4. RU wireline. RU two bottom hole, 3000-psi pressure gauges in 1-1/2" pup joints on 7-5/8" RBP **Make note of the time the batteries are plugged into the pressure gauges.** Set first RBP @ 3550'. Repeat procedure for plugs 2-4 and set plugs and gauges at the following depths:

RBP	Depth Set
1	3550'
2	3380'
3	3342'
4	3315'

5. Bleed pressure from the well through lubricator vent valve. Close blind rams. RD and release wireline company.

6. Set the donut with a bull plug in the tubing hanger. Screw in the hold-down pins to secure the donut.

7. ND BOP & NU wellhead. RD and release rig. **Note: Pressure recorders are to remain in the well for at least 7 days.**

RETRIEVE PRESSURE GAUGES:

1. MOL & RU daylight rig. ND wellhead / NU BOP. Note any casing pressure and bleed down well.

2. GIH with a joint of 2-3/8" tubing and retrieve donut.

3. TIH with retrieving head and 2-3/8" tubing. Retrieve RBP's set @ 3315', 3342', 3380', 3550' & 3600'. Note: The anticipated pressure under the RBP's will be in the 150-700 psig range; however, should the zones be isolated from each other, higher pressures could exist. Equalize across the RBP's with water. (Fruitland coal water may be used from offsetting wells.)

CONTINUATION OF P & A: At this point switch all costs to the P&A AFE #11653

Continue with the plugging operations per the P & A procedure. Begin with step #3.

Contacts:

Engineering:
Leslie White: Office – (326-9717) Home – (326-0321)
Jeff Balmer: Office – (326-9710) Home – (325-6193)
VENDORS:

	SERVICE COMPANY	PHONE NUMBER
Cased Hole:	Basin Well Logging	327-5244
Pressure Gauges:	Baker	325-0216/327-3266

PLUG AND ABANDONMENT PROCEDURE

5/2/01

San Juan 32-9 Unit #67
AIN # 6996202/6996201
Blanco Pictured Cliffs /Blanco Mesaverde
1090' FNL and 1630' FEL, Section 24, T32N, R10W
San Juan County, New Mexico
Lat: 36 58.4382'/-107 – 49.8954'

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

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Burlington safety rules and regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.

2. TOH and tally 121 joints 2-3/8" tubing (3764'); visually inspect the tubing. If necessary, LD tubing and PU workstring. Sometime before plug #3, round-trip 7-5/8" gauge ring to 2145'.

3. **Plug #1 (Mesaverde perforations and top, 7-5/8" casing shoe, Pictured Cliffs perforations and top, 3843' – 3562'):** TIH with tubing and tag fill at ~3843' (~17' above CIBP). Pump 40 bbls water down the tubing. Mix 95 sxs cement (50% excess, long plug) and spot above the CIBP at 3860' to isolate the Mesaverde perforations, cover the liner top, fill the Pictured Cliffs perforations. PUH and WOC. TIH and tag cement. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. PUH.

4. **Plug #2 (Fruitland top, 3257' – 3157'):** Mix 34 sxs cement and spot balanced plug inside the casing to cover Fruitland top. TOH with tubing.

5. **Plug #3 (Kirtland and Ojo Alamo tops, 2195' – 1980'):** Perforate 3 HSC squeeze holes at 2195'. If casing tested, establish rate into squeeze holes. Set a 7-5/8" cement retainer at 2145'. Pressure test tubing to 1000#. Mix 139 sxs cement, squeeze 79 sxs outside casing and leave 60 sxs inside to cover Kirtland and Ojo Alamo tops. PUH to 222'.

6. **Plug #4 (10-3/4" Casing Shoe, 222' – 122'):** Attempt to pump into bradenhead, up to 500#. If able to establish rate, then perforate 3 HSC holes at 222' and circulate cement to surface. If bradenhead holds pressure, then fill inside of casing from 222' to 122' with 34 sxs. LD all tubing.

7. **Plug #5 (Surface, 50' - Surface):** If the bradenhead held pressure in step #6, then use the volume used to fill this annulus to calculate a TOC in the 7-5/8" x 10-3/4" annulus. If able to determine the TOC, then perforate 2 HSC holes at 50'. Mix approximately 30 sxs cement and pump down the 7-5/8" casing from 50' to surface, circulate good cement out the bradenhead valve. If the calculated TOC in the bradenhead annulus is deeper than 50', then perforate 5' above this calculated depth and circulate cement. Shut in well and WOC.

8. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Recommended: _____ Operations Engineer

Approved: _____ Drilling Superintendent

Ryan Crowe Office – (599-4098) **Sundry Required:** **YES** **NO**

San Juan 32-9 Unit #67

Current

AIN #6996201/02

Blanco Pictured Cliff/ Blanco Mesaverde

NE, Section 24, T-32-N, R-10-W, San Juan County, NM

Lat 36 – 58.4382'/ Long: -107 – 49.8954'

API #30-045-11376

Today's Date: 5/2/01
Spud: 4/3/59
MV Completion: 6/24/59
PC Completion: 8/23/94
Elevation: 6825' GL

13" Hole

1994: Casing leak from 534' to 578' squeezed with 215 sxs cement. Sufficient volume to circulate to surface, but did not.

Ojo Alamo @ 2030'

Kirtland @ 2145'

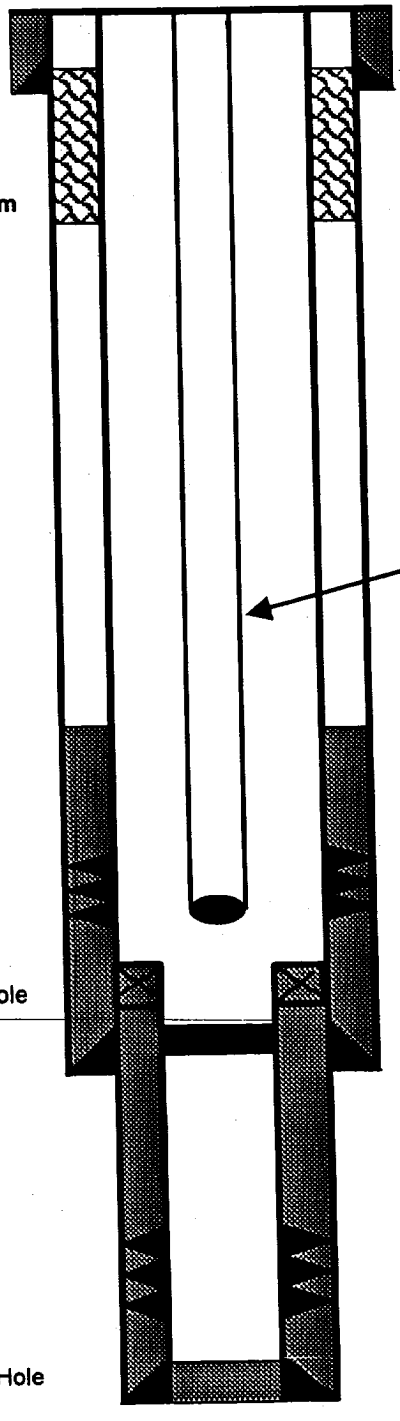
Fruitland @ 3207'

Pictured Cliffs @ 3612'

9-7/8" Hole

Mesaverde @ 5567'

6-3/4" Hole



TD 6172'

10-3/4" 32.75#, SW Casing set @ 172'
Cmt with 160 sxs (Circulated to Surface)

Well History

Aug '94: MV T&A and PC Completed: Pull tubing; RBP at 3804', attempt P/T, leak; ran CBL; isolate casing leaks 578' to 534'; pulled RBP and set CIBP at 3860' to T/A MV; squeezed leak with CR and 215 sxs; drill out cement and P/T OK; perf and frac PC zone; blow clean and land tubing.

Oct '98: PC tubing loaded up, suspect a tubing leak.
Aug '00: Tag fill at 3843'; pulled tubing and then re-ran tubing.

2-3/8" Tubing set at 3764'
(121 joints, EUE)

TOC @ 3135' ('59 TS)
TOC @ 3146' ('94 CBL)

Pictured Cliffs Perforations:
3612' – 3764'

Tagged fill at 3843' (8\2000)

TOL @ 3846'

1994: CIBP set at 3860'

7-5/8" 26.4#, J-55 Casing set @ 3888'
Cemented with 188 sxs

Mesaverde Perforations:
5804' – 6044'

5-1/2" 15.5#, J-55 Liner from 3846' to 6168'
Cemented with 385 sxs;
Liner top squeezed with 100 sxs.

San Juan 32-9 Unit #67

Proposed P&A

AIN #6996201/02

Blanco Pictured Cliff/ Blanco Mesaverde

NE, Section 24, T-32-N, R-10-W, San Juan County, NM

Lat 36 – 58.4382'/ Long: -107 – 49.8954'

Today's Date: 5/2/01
Spud: 4/3/59
MV Completion: 6/24/59
PC Completion: 8/23/94
Elevation: 6825' GL

API #30-045-11376

Plug #5 50 - Surface
Cement with 30 sxs

10-3/4" 32.75#, SW Casing set @ 172'
Cmt with 160 sxs (Circulated to Surface)

13" Hole

Perforate @ 50'

Plug #4 222' – 122'
Cement with 60 sxs

1994: Casing leak from 534' to 578' squeezed with 215 sxs cement. Sufficient volume to circulate to surface, but did not.

Ojo Alamo @ 2030'

Kirtland @ 2145'

Cmt Retainer @ 2145'

Plug #3 2195' – 1980'
Cement with 139 sxs, 78 sxs outside casing and 60 sxs inside.

Perforate @ 2195'

TOC @ 3135' ('59 TS)
TOC @ 3146' ('94 CBL)

Fruitland @ 3207'

Plug #2 3257' – 3157'
Cement with 34 sxs

Pictured Cliffs @ 3612'

Pictured Cliffs Perforations:
3612' – 3764'

Plug #1 3843' – 3562'
Cement with 95 sxs

TOL @ 3846'

9-7/8" Hole

1994: CIBP set at 3860'

7-5/8" 26.4#, J-55 Casing set @ 3888'
Cemented with 188 sxs

Mesaverde @ 5567'

Mesaverde Perforations:
5804' – 6044'

6-3/4" Hole

5-1/2" 15.5#, J-55 Liner from 3846' to 6168'
Cemented with 385 sxs;
Liner top squeezed with 100 sxs.

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