submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED
SEP 10 1999
OIL CON. DIV.
DIST. 3

070 FARMINGTON NM 1:27

1. **Type of Well**
GAS

5. **Lease Number**
SF-079527

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

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

7. **Unit Agreement Name**
San Juan 27-4 Unit

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

8. **Well Name & Number**
San Juan 27-4 U #36

9. **API Well No.**
30-039-06810

4. **Location of Well, Footage, Sec., T, R, M**
1650'FSL, 1700'FWL, Sec.36, T-27-N, R-4-W, NMPM

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

11. **County and State**
Rio Arriba Co, NM

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

Type of Submission	Type of Action		
_X_ Notice of Intent	_X_ 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 - Commingle		

13. **Describe Proposed or Completed Operations**

It is intended to commingle the subject well according to the attached procedure and wellbore diagram.

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

Signed Peggy Bradfield Title Regulatory Administrator Date 8/4/99 ___
trc

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date SEP 9 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.

Need DHC order

NMOCD

San Juan 27-4 Unit #36
MesaVerde/ Picture Cliffs
AIN: 5332001 and 5332002
1650' FSL & 1700' FWL
Unit K, Sec. 36, T27N, R04W
Latitude / Longitude: 36° 31.6214'/ 107° 12.3276'

Recommended Commingle Procedure

Project Summary: The San Juan 27-4 Unit #36 is a dual MesaVerde/Picture Cliffs well drilled in 6/64. We plan to commingle this well, replace the 1-1/4" and 1-1/2" tubing with 2-3/8" tubing, production equipment, and install a plunger lift in order to keep the well unloaded. This well was last pulled in 7/82. Both formations are currently shut in. If the well will not produce after swabbing, it will be plugged at this time by the rig on site.

1. 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.

3. Set a plug with wireline in the SN 1 jt. off bottom at 6195' on the Mesa Verde tubing. Pick up 1-1/4" tubing and RIH to the top of the Model D packer to determine if any fill is present. If fill is present circulate any fill off of the packer. TOOH laying down the 1-1/4", 2.4#, J-55, 10rd EUE Pictured Cliffs tubing (set at 4143'). Visually inspect tubing for corrosion and/or scale build up and notify Operations Engineer.

4. TOOH with 1-1/2", 2.9#, J-55, 10rd EUE Mesa Verde tubing (set at 6227') and lay down same. If seal assembly will not come free, then cut 1-1/2" tubing above the packer and fish with overshot and jars. TOOH with 1-1/2", 2.9#, J-55, 10rd EUE Mesa Verde tubing (set at 6227') and lay down same. Visually inspect tubing for corrosion and/or scale build up and notify Operations Engineer.

5. PU new or yellow banded 2-3/8", 4.7#, J-55, EUE tubing. 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 D packer at 4188' 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 +/- 6379'. Circulate well with air/mist and attempt to allow the well to flow naturally. Call Operations Engineer with updates. TOOH with tubing. If well produces, continue with step #7. If well does not produce, then continue with step #9.

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 6220'. 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.

PLUGGING PROCEDURE

9. **Plug #1 (Mesa Verde perforations and Cliffhouse top, 5822'-5752'):** Set 4-1/2" wireline CIBP at 5822'. TIH with open ended tubing and tag CIBP. Mix 11sxs Class B cement and spot a balanced plug inside casing above the CIBP to isolate the Mesa Verde interval. PUH to 4428'.

10. **Plug #2 (7" Casing Shoe 4428'-4249'):** Mix 30 sxs Class B cement and spot a balanced plug in the 4-1/2" casing to cover the 7" casing shoe and 4-1/2" liner top. TOH with tubing.

11. **Plug #3 (Pictured Cliffs perforations and Fruitland top, 4030'-3853'):):** Set 7" wireline CIBP at 4030'. TIH with open ended tubing and tag CIBP. Mix 44 sxs Class B cement and spot a balanced plug inside casing above CIBP to cover the Pictured Cliffs perforations and Fruitland top. PUH to 3853' and reverse out excess cement. Pressure test casing to 500 psi. If pressure test fails then perform pump-around test to estimate casing leak depth. Run CBL from 3853' to minimum footage depth to verify cement top from the 1981 squeeze work. Modify perforation depth and cement volume in step #13 if necessary. RIH with tubing to 3684'.

12. **Plug #4 (Kirtland top, 3684'-3584'):** Mix 29 sxs Class B cement and spot a balanced plug in the 7" casing to cover the Kirtland top. TOH with tubing.

13. **Plug #5 (Ojo Alamo top, 3538'-3484'):** Perforate 3 HSC squeeze holes at 3538'. Establish rate into squeeze holes if casing tested. Set 7" cement retainer at 3488'. Mix 60 sxs Class B cement, leaving 20 sxs outside casing, 20 sxs below retainer and 20 sxs above retainer inside casing to cover the Ojo Alamo top. TOH with tubing.

14. **Plug #6 (Nacimiento top, 2265'-2165'):** Perforate 3 HSC squeeze holes at 2265'. Establish rate into squeeze holes. Set 7" cement retainer at 2165'. Mix 75 sxs Class B cement, leaving 26 sxs outside casing, 29 sxs below retainer and 20 sxs above retainer inside casing to cover the estimated Nacimiento top. TOH with tubing.

15. **Plug #7 (9-5/8" casing shoe at 173'):** Perforate 3 HSC squeeze holes at 223'. Establish circulation down 7" casing and out bradenhead. Mix 82 sxs Class B cement and pump down 7" casing. Circulate good cement out bradenhead. If a casing leak was identified in step 12 above 223', then utilize a cement retainer at 173'. Shut in well and WOC.

16. ND BOP and cut off wellhead and casing 4' below surface. Install P&A marker to comply with regulations. RD, MOL, cut off anchors and restore location.

Recommended: T J Friesenhahn 8-2-99
Operations Engineer

Approval: Bruce W. Boyer 8-3-99
Drilling Superintendent

Contacts:

Operations Engineer	Tim Friesenhahn 326-9539 (Office) 324-7031 (Pager)
Production Foreman	Ward Arnold 326-9846 (Office) 326-8340 (Pager)

Spud: 6/21/64
1st Delivered: 04/21/65
Elevation: 7288' GL
6410' KB

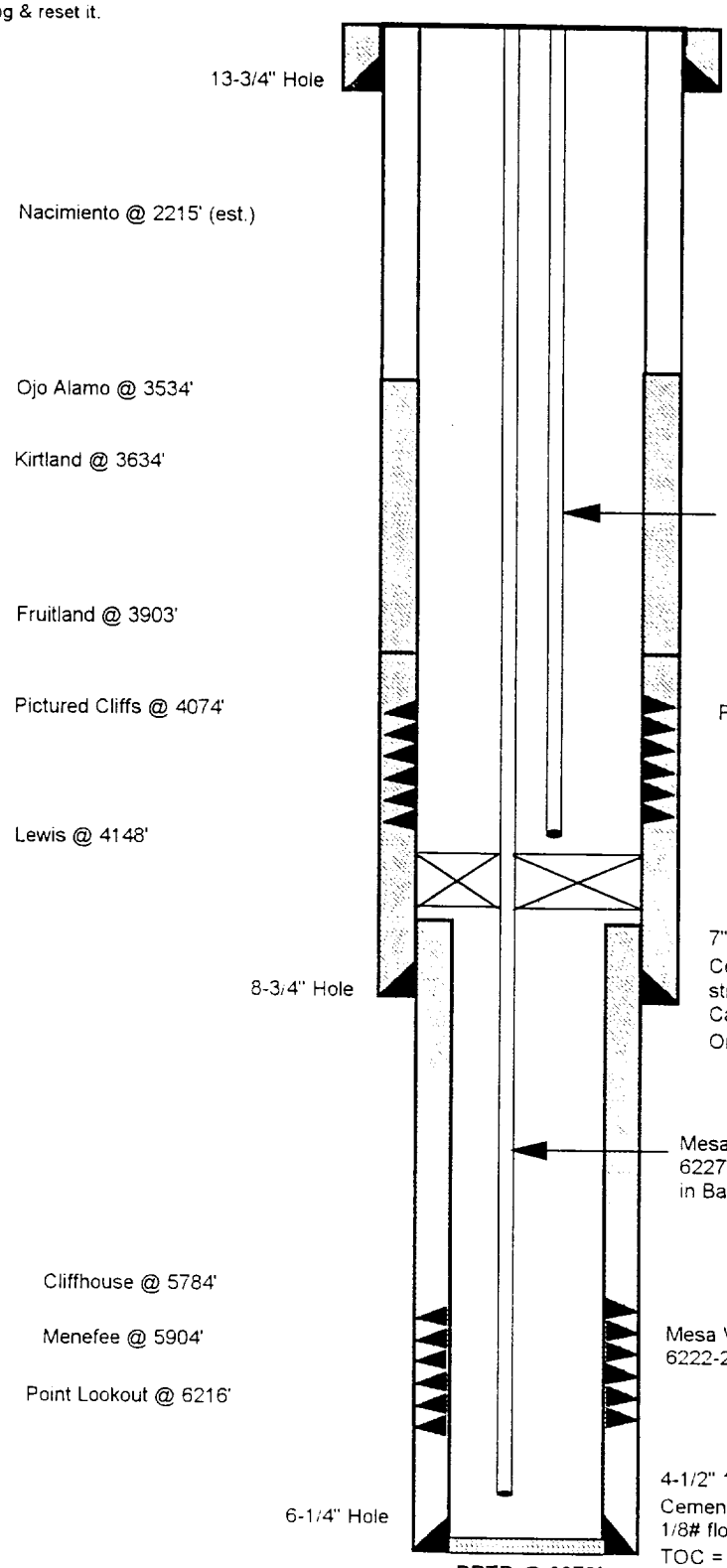
Workovers: 6/81--Casing failure. Holes between 3720-3939'. Set RBP @ 4008' & pkr @ 3440'. Sqz'd 100 sxs Cl B w/2% CaCl2. Drilled out 266' of cmt from 3654' to 3920'. Pressure tested to 100 psi, held okay. Ran prod. tbg. Calculated TOC after squeeze is 3538'. 7/81--Swabbed well, no fluid or gas. Could not knock off pump out plug. Perf'd tbg from 6170-6176', 5 shots @ 1-1/2" spacing. Swabbed. Rec'd heavy, black mud from bottom of tbg. 7/82--MV tbg split. Pulled tbg & reset it.

San Juan 27-4 Unit No. 36

Current -- 6/01/1999

AIN: 5332001 (MV), 5332002 (PC)
Mesa Verde/Pictured Cliffs Dual

1650' FSL, 1700' FWL
Unit K, Sec. 36, T27N, R04W, Rio Arriba County, NM
Lat/Long: 36°31.6214', 107°12.3276'



13-3/4" Hole

9-5/8" 32.3#, H-40 csg set @ 173'
Cemented w/ 130 sxs w 1/4 cu ft stratacrete/sx & 2% CaCl2
TOC = Surface (Circ)

Nacimiento @ 2215' (est.)

Ojo Alamo @ 3534'

Post Squeeze TOC = 3538' (Calc.)

Kirtland @ 3634'

Pictured Cliffs Tubing: 1-1/4", 2.4#, J-55 10rd, EUE set @ 4143'. SN 1 jt off bottom @ 4110'.

Fruitland @ 3903'

Pictured Cliffs @ 4074'

Pictured Cliffs perforations: 4080-92', 4122-34' (2 spf)

Lewis @ 4148'

8-3/4" Hole

7" 20# & 23#, J-55 at 4378'
Cemented with 125 sxs Cl C w/4% gel, 1/4 cu ft stratocete/sx & 2% CaCl2 & 50 sxs Cl C w/2% CaCl2
Original TOC = 3910' (TS)

Mesa Verde Tubing: 1-1/2" 2.9#, J-55 10 rd EUE @ 6227', SN 1 jt off bottom @ 6195'. Model D packer set in Baker locator seal assy @ 4188'.

Cliffhouse @ 5784'

Menefee @ 5904'

Point Lookout @ 6216'

Mesa Verde Perforations: 5872-78', 5893-99', 6198-6204', 6222-28', 6238-44' (2 spf)

6-1/4" Hole

4-1/2" 10.5# K-55 Liner at 4299-6410'
Cemented with 200 sxs w/4% gel, 12-1/2# fine gilsonite and 1/8# flocele/sx. Float collar @ 6379'.
TOC = TOL (circ)

PBTD @ 6379'
TD @ 6410'

Spud: 0/21/64
1st Delivered: 04/21/65
Elevation: 7288' GL
6410' KB

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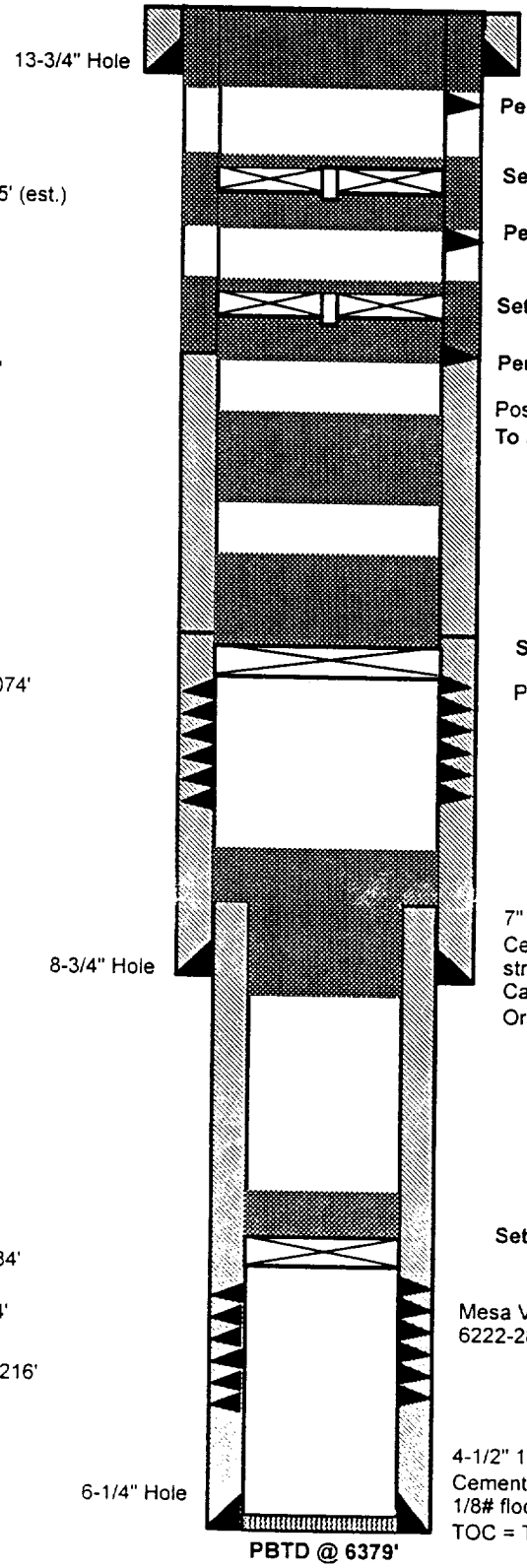

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TOC = Surface (Circ)

13-3/4" Hole

Plug #7 223'-0'
Cmt with 82 sxs Class B
39 sxs outside 7"
43 sxs inside 7"

Perforate @ 223'

Set Cmt Rt @ 2165'

Plug #6 2265'-2165'
Cmt with 75 sxs Class B
26 sxs outside 7"
29 sxs below retainer
20 sxs above retainer

Nacimiento @ 2215' (est.)

Perforate @ 2265'

Set Cmt Rt @ 3488'

Plug #5 3538'-3484'
Cmt with 60 sxs Class B
20 sxs outside 7"
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Ojo Alamo @ 3534'

Perforate @ 3538'

Post Sqz TOC = 3538' (Calc.)
To Be Confirmed w/ CBL.

Kirtland @ 3634'

Plug #4 3684'-3584'
Cmt with 29 sxs Class B

Fruitland @ 3903'

Plug #3 4030'-3853'
Cmt with 44 sxs Class B

Set CIBP @ 4030'

Pictured Cliffs @ 4074'

Pictured Cliffs perforations: 4080-92', 4122-34' (2 spf)

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PBTD @ 6379'
TD @ 6410'