

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

R000 FEB 07
OIL CONS. DIV.
DIST. 8

Sundry Notices and Reports on Wells

2007 JAN -5 PM 2:13
RECEIVED
BLM
210 FARMINGTON NM

1. **Type of Well**
GAS

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

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

4. **Location of Well, Footage, Sec., T, R, M**
Sec., T—N, R—W, NMPM
Unit A (NENE), 15' FNL & 240' FEL, Sec. 18, T31N, R9W NMPM

5. **Lease Number**
SF-078438

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

7. **Unit Agreement Name**
San Juan 32-9 Unit SWD

8. **Well Name & Number**
San Juan 32-9 Unit SWD 5

9. **API Well No.**
30-045-28563

10. **Field and Pool**
Morris. Bluff ENT

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

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**Type of Submission:**

- ☒ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment

Type of Action:

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging
- ☒ Casing Repair
- ☐ Altering Casing

- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection

☐ Other :**13. Describe Proposed or Completed Operations**

Burlington Resources plans to repair the casing on this well according to the attached procedure. This well falls within the winter closure period, verbal approval was received from John Hansen with the BLM on 12/19/06 to move on this well to ensure that we do not have a cross flow of production into our water zones. The work is anticipated to take between 2 to 3 weeks.

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

Signed  Philana Thompson Title Regulatory Tech Date 1/5/07

(This space for Federal or State Office use)

APPROVED BY  Title Petr. Eng. Date 2/2/07

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.

NMOCDg

San Juan 32-9 Unit SWD 5 – Casing Repair
Lat N36 54.333 Long W107 48.742
Sec 18 32N 9W Unit A
Morrison Entrada
San Juan County, NM
AIN: 2121401

Scope of Work:

The intent of this procedure is to isolate casing failure and remediate.

Procedure:

1. Comply with all NMOCD, BLM and Burlington Resources safety and environmental regulations. Test rig anchors prior to moving in rig.
2. Haul 9300' of 2-3/8" work string. RU acid truck and pump a max of 500 gal triple inhibited 15% HCL, flush with fresh water, RD acid truck. RU wireline. Set a plug with wireline in the bottom Otis 1.875" X-nipple at 8198'. Release tubing pressure to ensure plug is holding.
3. MOL and RU workover rig. Conduct safety meeting for all personnel on location. NU relief line to 500 bbl storage tanks. ND wellhead. NU BOP with 2-3/8" rams on bottom, 4-1/2" rams on top, and a stripping head. Test and record operation of BOP rams. Test wellhead seals and replace/install as necessary.
4. Load tubing (178 joints 4-1/2", 17 joints 2-3/8") with water and pressure test to 1500 psi. Tubing volume to X-nipple at 8198' is ~124 bbls.
5. Release Otis Model 212-B-5226 seal assembly from the Model 212-BWB-45100-A Packer with straight pickup (right hand torque is advised). If seal assembly will not come free, cut 2-3/8" tubing above packer and fish with overshot and jars. TOOH w/ 178 joints of 4-1/2" 10.5# K-55 ST&C tubing and 17 joints 2-3/8" 4.7# J-55 8 rd EUE tubing (set at 8197'). Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Production Engineer.
6. RIH with 4-1/2" RBP and compression set packer. Set RBP at 8150', set packer and pressure test RBP. Release packer and come up hole. Set packer as close as practical to the 4-1/2" liner top (7648'). Pressure test to isolate casing failure, use 7" packer if necessary. Spot sand on RBP.
7. Set packer above casing failure (100' if in 7" and 200' if in 4-1/2"). RU cement trucks and establish rate. Pump cement and clear packer by 2-3 bbls. Cement volume to be determined base on size of interval to be squeezed. RD cement trucks. WOC.
8. TIH w/ bit and drill out cement. Contact BLM prior to testing casing. Pressure test casing to 2000 psi. TOOH w/ bit. TIH w/ retrieving too and retrieve RBP at 8150'. TOOH w/ RBP.
9. TIH w/ packer seal assembly, 17 joints of plastic lined 2-3/8" tubing, crossover, and 178 joints of plastic lined 4-1/2" tubing. Replace any bad joints. Set packer seal assembly. Load backside with packer fluid. Load tubing w/ water. ND BOP, NU wellhead. RU wireline and remove 1.875" plug from X-nipple. RD wireline. Notify lease operator that well is ready to be returned to production.

Recommended:

Production Engineer
Zach Stradling (486-0046)

Lary Byars –Foreman
Office (324-5116)
Cell (320-2452)

Approved:

Completions Superintendent

Alan Errett - Operator
Cell (320-2500)
Pager (326-8858)

SPUD DATE: 8/17/91
COMPLETION DATE: 3/6/92

Latitude N36 54.333
Longitude W107 48.742

SAN JUAN 32-9 UNIT SWD 5 MORENT

Township 031N Range 009W
Section 018 15 FNL & 240 FEL
SAN JUAN COUNTY, NM

DPNO/AIN 2121401

METER # 0

API # 30045285630000

METER # 0

Run # 42310

INJECTION

CASING RECORD:

13-5/8" 54.5# K-55 set @ 319'
Cemented w/ 363 sx (circ to surf)

TUBING RECORD:

178 jts 4-1/2" 10.5# K-55 plastic coated
17 jts 2-3/8" 4.7" J-55
Stung into packer @ 8197'

CASING RECORD:

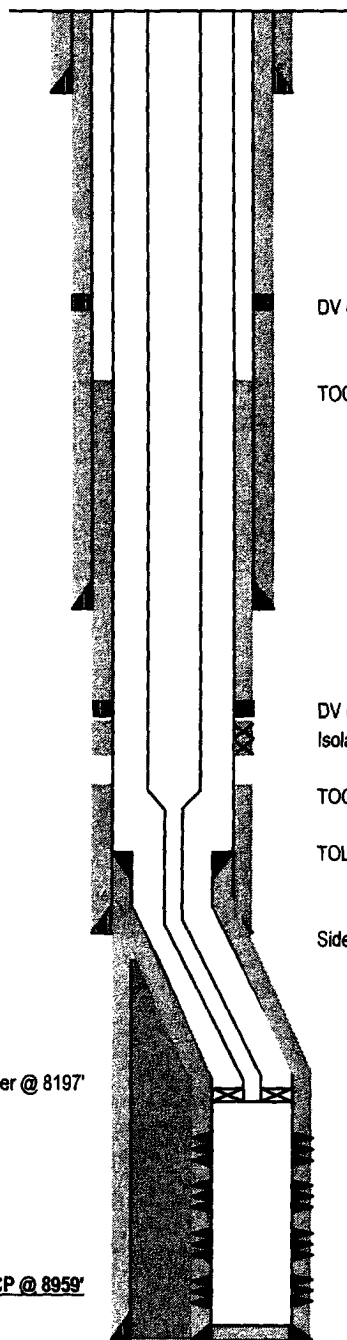
9-5/8" 36.0# HC-80 set @ 3900'
Stage tool @ 2793'
1st stage cemented w/ 130 sx (circ 6 bbls to surf)
2nd stage cemented w/ 920 sx (circ 55 bbls to surf)

CASING RECORD:

7" 23.0# N-80 set @ 7842'
ECP @ 4961'
Stage tool @ 4956'
1st stage cemented w/ 380 sx (no cmt to surf)
2nd stage cemented w/ 305 sx
(TOC @ 3300' by TS 9/2/91)

CASING RECORD:

4-1/2" 11.6# L-80 set @ 9209' ECP @ 8959'
Liner Top @ 7648'
Cemented w/ 50 sx

Current Wellbore**FORMATION TOPS:**

Ojo Alamo 1848'
Kirtland 1899'
Fruitland Coal 3040'
Pictured Cliffs 3432'
Chacra 4202'
Mesaverde 4974'
Menefee 5363'
Point Lookout 5659'
Mancos 6159'
Gallup 6820'
Dakota 7828'
Morrison 8153'
Bluff SS 8653'
Todiito LS 8953'
Entrada SS 8962'
Chinle 9242'

8/15/01

Isolated 7" csg leak, pump 150 sx class G cmt, dri out cmt, PT failed. Spot balanced plug w/ 12 bbls class G cmt, dri out cmt, PT failed. Pump 325 sx class B cmt, dri out cmt, PT held.

DV @ 4956'

Isolated and squeezed 5103'-5135' (8/15/01)

TOC @ 5600' (calc @ 75% eff)

TOL @ 7648'

Sidetrack @ 7970'

Morrison Bluff Entrada

8253'-8496 30,000 gal 2% KCL, 195,000# 20/40 sand

8526'-8565 40,000 gal 2% KCL, 263,300# 20/40 sand

8658'-8825 38,000 gal 2% KCL, 12,450# 20/40 sand

8965'-9205 50,000 2% KCL, 101,300# 20/40 sand

PBTD: 9207'

TOTAL DEPTH: 9329'