

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 March 4, 2004

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-045-27004
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. Federal Lease - NM-2996
7. Lease Name or Unit Agreement Name
8. Well Number Middle Mesa SWD #1
9. OGRID Number 14538
10. Pool name or Wildcat Morrison Bluff Entrada - 96162

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 Oil Well Gas Well Other

2. Name of Operator
Burlington Resources Oil & Gas Company LP

3. Address of Operator
P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location
 Unit Letter L : 1555' feet from the South line and 1210' feet from the West line
 Section 25 Township 32N Range 7W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/></p> <p>OTHER: Step Rate Test to increase limiting injection pressure <input checked="" type="checkbox"/></p>	<p>SUBSEQUENT REPORT OF:</p> <p>REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/></p> <p>CASING TEST AND CEMENT JOB <input type="checkbox"/></p> <p>OTHER: <input type="checkbox"/></p>
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Burlington Resources wishes to conduct a Step Rate test to increase limiting injection pressure for the subject well. Timing subject to truck availability.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit or an (attached) alternative OCD-approved plan .

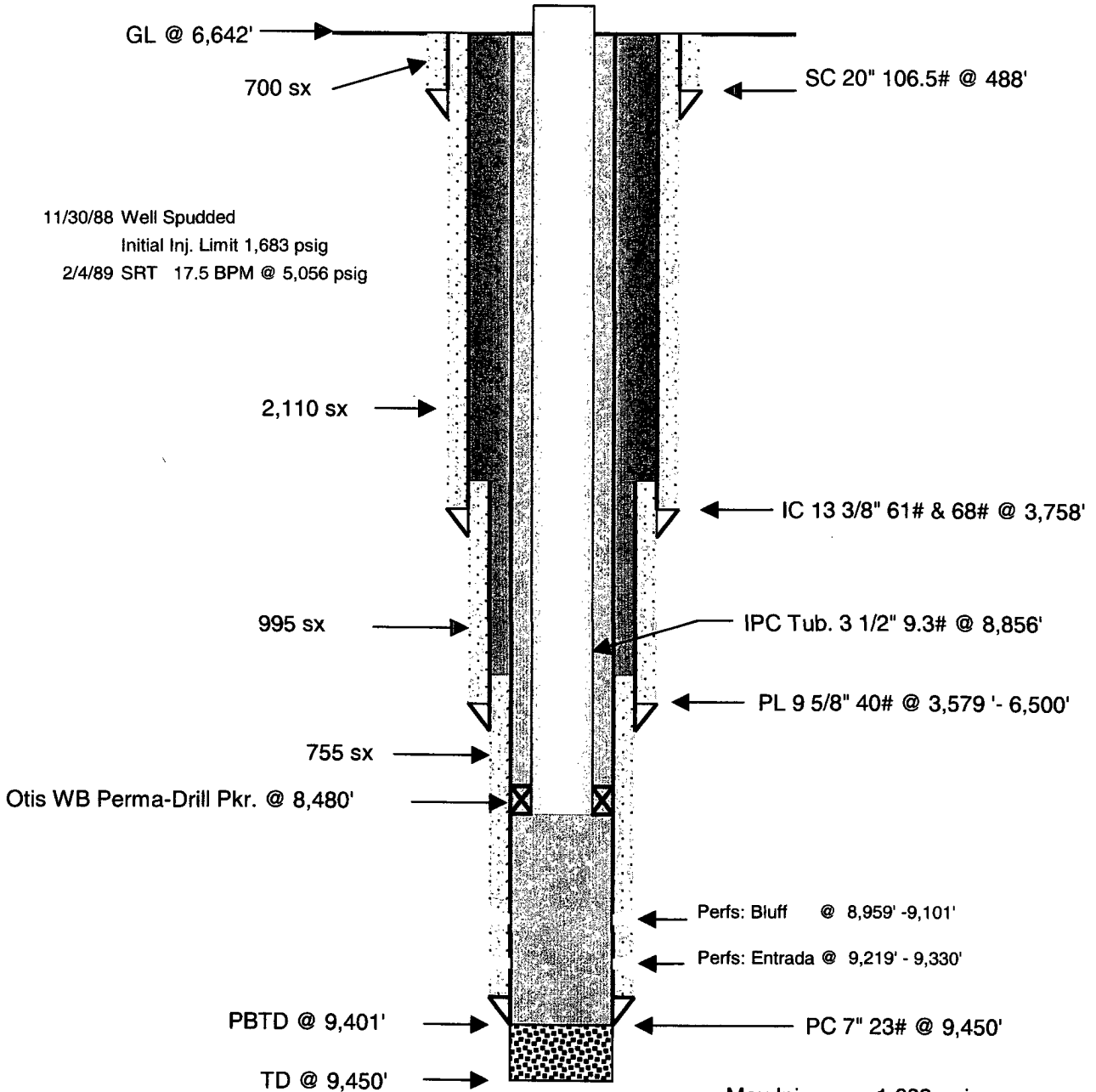
SIGNATURE Patsy Clugston TITLE Sr. Regulatory Specialist DATE 7/14/05

Type or print name Patsy Clugston E-mail address: pclugston@br-inc.com Telephone No. 505-326-9518
 (This space for State use)

APPROVED BY H. Villanueva TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #9 DATE JUL 15 2005
 Conditions of approval, if any:

Middle Mesa # 1 SWD
Burlington Resources
L-25-32N-7W
30-045-27004

1,555' FSL
 1,210' FWL



Max Inj.	1,683 psig
Acid	
Bluff	2,980 gal 15 %HCL
Entrada	3,275 gal 15% HCL
Frac	
Bluff	222 Mlb sand
Entrada	170 Mlb sand

Middle Mesa # 1 SWD Step-Rate Test Procedure

1. Shut-in injection operations 24 hours prior to commencement of test.
2. Spot 8 frac tanks and deliver 3,000 bbls of clean saltwater.
3. Remove wellhead building and install tree saver, 4" frac valve, and 4" frac Y to the existing wellhead.
4. RU frac crew, trucks, and iron.
5. RU slick line truck.
6. NU Reynolds surface data logger to monitor casing and Braden head pressures during test.
7. Pressure test lines to 5,000 psi.
8. TIH with slick line and tandem 6,000 psi pressure bombs set to record data every 30 seconds. Set pressure bombs at top of perforations or 8,959'.
9. Commence the step-rate test for the following procedure:

Rate (bpm)	Time	Volume (bbls)
3	:15	45
4	:15	60
5	:15	75
6	:15	90
7	:15	105
8	:15	120
9	:15	135
10	:15	150
11	:15	165
12	:15	180
13	:15	195
14	:15	210
15	:15	225
16	:15	240
17	:15	255
18	:15	270
19	:15	285
	4:15	2805

Specs		Company
MAWP	5000 psig	
Max Pres exp.	4800 psig	
Max rate	19 bpm	
HHP req.	2235 hhp	Schlumberger
Wireline	8959 ft	Pheonix
Tandem PSI Bombs	6000 psi	Burlington Resources

Wellhead Equipment: 5,000 ++ psi tree saver, 4" frac valve, 4" frac Y, and 4" wing valve on Y.

10. RD frac crew, trucks, and iron.
11. Wait 48 hours on fall-off data.
12. TOH with slick line and tandem pressure bombs.
13. RD slick line.
14. Remove tree saver, frac valve, and frac Y and replace wellhead building.
15. ND Reynolds data logger.
16. Restart injection operations.