



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
1000 RIO BRAZOS ROAD  
AZTEC NM 87410

(505) 334-6178 FAX: (505) 334-6170

[http://emnrd.state.nm.us/ocd/District III/3district.htm](http://emnrd.state.nm.us/ocd/District%20III/3district.htm)

**BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test: 2-14-10 Operator: RESOURCE DEVELOPMENT TECHNOLOGY, LLC API #30-039-22883

Property Name: RITA COM Well No. 2 Location: Unit O Section 5 Township 23N Range 6W

Well Status(Shut-In or **Producing**) Initial PSI: Tubing: 89 Intermediate: NA Casing: 89 Bradenhead: 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

**PRESSURE**

**FLOW CHARACTERISTICS**

Testing Time	Bradenhead			Intermediate			Bradenhead	Intermediate
	BH	Int	Csg	Int	Csg		Flowed	Flowed
5 Min	<i>N/A</i>	NA	<i>89</i>	NA	NA	Steady Flow		NA
10 Min		NA	<i>89</i>	NA	NA	Surges		NA
15 Min		NA	<i>89</i>	NA	NA	Down to Nothing		NA
20 Min		NA	<i>89</i>	NA	NA	Nothing		NA
25 Min		NA	<i>89</i>	NA	NA	Gas		NA
30 Min		NA	<i>89</i>	NA	NA	Gas & Water		NA
						Water		NA

**If bradenhead flowed water, check all of the descriptions that apply below:**

CLEAR \_\_\_\_\_ FRESH \_\_\_\_\_ SALTY \_\_\_\_\_ SULFUR \_\_\_\_\_ BLACK \_\_\_\_\_

**5 MINUTE SHUT-IN PRESSURE**

BRADENHEAD N/A

INTERMEDIATE: NA

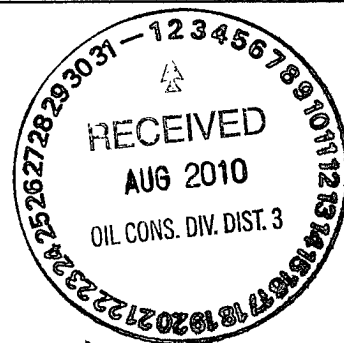
REMARKS:

BH Cemented to surface (see attached)

By: Art Sullivan *AS* Witness \_\_\_\_\_

Lease Operator -- Pumper  
(Position)

E-mail address: lizard3s@wildblue.net



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

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

Copy

Form C-103  
May 27, 2004

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. <b>30 - 039 - 22883</b>
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> XX
2. Name of Operator <b>RESOURCE DEVELOPMENT TECHNOLOGY, LLC (RDT)</b>		6. State Oil & Gas Lease No.
3. Address of Operator <b>PO BOX 1020, MORRISON, CO 80465</b>		7. Lease Name or Unit Agreement Name <b>Rita Com.</b>
4. Well Location Unit Letter: 'O': <u>980'</u> feet from the <u>South</u> line and <u>1820'</u> feet from the <u>East</u> line Section: <u>5</u> Township <u>23 North</u> Range <u>6 West</u> NMPM <u>Rio Arriba</u> County		8. Well Number <u>#2</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>KB = 6786'</b>		9. OGRID Number <u>225774</u>
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat <b>Counselor's: Gallup-Dakota</b>
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____		
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

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.

RDT did log the Rita Com. #2 Well with a Casing Caliper on 11/30/2007 & identified the source of anomalous water production to likely be a casing hole @ 468' above the 2<sup>nd</sup> Stage TOC found by CBL @ 680' on the same day (Blue Jet CBL & Casing Caliper Logs). RDT does propose to confirm the casing hole & repair the casing as follows:

- RIH Bit & Scraper & circ. fill to PBD @ 5569'. POOH.
- RIH & Set RBP @ 5260' above Perfs. 5292' - 5504'. POOH. RIH Packer to 690'. Test Casing 690' - 5260' to 500# for 30 Min.  
I assume this test will be good & that there are no casing leaks in this interval.
- POOH Packer. RIH & Move RBP Up-Hole to 700'. Dump 2 sx. sand on plug. POOH. Circ. 4-1/2" Open Hole annulus till clean.
- ND BOPE & Tie 4-1/2" swedge on 4-1/2" Casing. Bullhead approx. 165 sx. cement until good cement returns & then try Braden-Head Squeeze to max. 1000# to attempt to cover entire annulus from Surf. to 468' to 680' TOC 2<sup>nd</sup> Stage. Wash-Up to Tank.
- ND Swedge & NU BOPE. Drill-Out Cement in 4-1/2" Casing. Test Casing from Surface to 690' to 500# f/ 30 Min.  
Re-Squeeze & Drill-Out & Re-Test as Necessary if Test Fails.
- After a Successful Casing Test then Circ. Sand off RBP & POOH.
- Run Pumping Assembly. Swab until well cleans-up. Run Pump & Rods. Resume Gallup Fm. Oil & Gas Production.

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 NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE \_\_\_\_\_ TITLE Operations Manager: NM & WYO DATE 12/03/2007

Type or print name R. A. Schwering, PE E-mail address: ras.rdt@mindspring.com Telephone No.: (505) 947-3072  
**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
Conditions of Approval (if any):

Copy