

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
May 27, 2004

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

WELL API NO. 30 - 039 - 22883
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE XX
6. State Oil & Gas Lease No. RCVD DEC 4'07
7. Lease Name or Unit Agreement Name Rita Com. OIL CONS. DIV.
8. Well Number #2 DIST. 3
9. OGRID Number 225774
10. Pool name or Wildcat Counselor's: Gallup-Dakota

Pit or Below-grade Tank Application ☐ or Closure ☐

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 _____

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 **XX** Gas Well ☐ Other ☐

2. Name of Operator
RESOURCE DEVELOPMENT TECHNOLOGY, LLC (RDT)

3. Address of Operator
PO BOX 1020, MORRISON, CO 80465

4. Well Location
Unit Letter: **'O':** **980'** feet from the **South** line and **1820'** feet from the **East** line
Section: **5** Township **23 North** Range **6 West** NMPM **Rio Arriba** County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
KB = 6786'

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK X	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 2nd 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 2nd 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 NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE R. A. Schwering 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: H. Villanueva Deputy Oil & Gas Inspector, TITLE District #3 DATE DEC 14 2007

Conditions of Approval (if any):

dy

RA Schwering, PE
Operations Manager
RESOURCE DEVELOPMENT TECHNOLOGY, LLC
PHONE: (303) 716-3200
FAX: (303) 716-5780
Colo. Cell: (303) 919-6826
NM Cell: (505) 947-3072

Wellbore Diagram

85/8" Surface Casing
 Buckled 7/19/82
 Cement w/
 175 ex. Class 'B' + 26'
 12 1/4" Hole
 85/8" @ 215' →

Hole in Casing
 @ 468' →

History:
 Multiple Pump Changes due to
 Heavy Scale
 1st Hole: Tbg. Btm. 7/1/Nov 2003

2nd Stage:
 Lead:
 600 ex. Class 'B' +
 2% Sodium Meta Silicate
 @ 2.06 ft/lb @ 12.5 MP
 Drill w/Tail:
 100 ex. Class 'H' +
 2% Gel @ 15.4 MP

D.V. Tool @ 4484'
 VOID
 CBL TOC @ 4875' →

1st Stage:
 175 ex. Class 'H' +
 2% O-20 Gel @
 5.4 MP @ 122 MP

100 @ 5369'
 F.C. @ 5580' →
 4 1/2" 10.5 J-55 End Jc
 Set @ T1 @ 5620' →

= Rita #2

Reduced 2' of
 85/8" Casing
 7/7' @ 2733' (No Record)
 1 1/4" @ 4315'
 Tension

1st Gas: August 1983
 Rod-Up: January 1984
 TOC @ 680' CBL

Rods:
 2" x 1 1/4" x 6 x 9 x 12' RHAC Pump
 5: 3/4" Guided Rods SHSM
 10: 3/4" Rods E.O. Guided SHSM
 25: 3/4" Plain Rods SHSM
 69: 5/8" Plain Rods SHSM
 39: 5/8" Rods w/PATCO Seals SHSM
 71: 3/4" Rods w/PATCO Seals SHSM

Tbg. Tail
 Top Tbg. LCB = 13,000'
 2: 10' Pop Jc 20,200'
 166 Jc. 2 3/8" 4.2 J-55 End Jc = 5,481.60'
 SN @ 5493' - RRB SN: 1.10'
 4' Perf Pump: 4.00'
 OE Mud Anchor: 21.2'
 Btm. @ 5,540.80'

Holes:
 5292'-5302': 6 Holes: 1 SP2F
 5302'-5320': 5 Holes: 1 SP2F
 5437'-5443': 7 Holes: 1 SP2F
 5467'-5469': 2 Holes: 1 SP2F
 5478'-5480': 2 Holes: 1 SP2F
 5494'-5504': 2 Holes: 1 SP2F + 1

Acid: 250 Gal. w/ Select Injct
 Freq: 1.811 MPSCF Ng @ 75 Q
 + 100 MGal 2% HCl Water + 1 gal 1000
 + 200K# 20/40 Mesh Sand