

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

Form C-103
May 27, 2004

WELL API NO.
30 - 039 - 82326

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E - 1207 - 1

7. Lease Name or Unit Agreement Name
MCRA State

8. Well Number #4

9. OGRID Number 225774

10. Pool name or Wildcat

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

RESOURCE DEVELOPMENT TECHNOLOGY, LLC

3. Address of Operator

PO BOX 1020, MORRISON, CO 80465

4. Well Location

Unit Letter: 'J': 1685' feet from the South line and 1710' feet from the East line

Section: 16 Township 24 North Range 6 West NMPM Rio Arriba County

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

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 _____

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.

CBL/VDL-GR/CCL & MTT/GR-CAL logs were run on 1/20/2006.

Cement Coverage was Identified: 1st Stage: 5210' - 5851' & Block Squeeze: 3533' - 4916' & 2nd Stage: 2280' - 2480'.

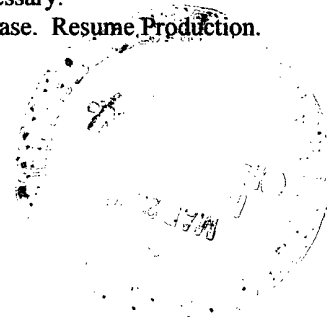
Casing Corrosion Holes were Identified in Cement Voids: Chacra Zone: 3280' - 3281'.

Casing Corrosion Holes were Identified in Cement Voids: Fruitland Zone: 2205'-2206' & 2240'-2241' & 2247'-2248'.

Proposed Casing Repair & Return to Service:

- Clean-Out well to CIBP set in 1972 @ 5720'. Isolates L Gallup Perfs. @ 5762' - 5777'.
- Set Composite BP @ 5580' + Dump Bail 6 sx. Class 'C' cement on Plug (65'): TO Gallup @ 5564': Isolates U Gallup Perfs. @ 5647' - 5657'.
- Set CIBP @ 3827' + Dump Bail 5 sx. Class 'C' Cement on Plug (50'): TO Mesaverde @ 3827': Isolates Mesaverde Perfs. @ 4477' - 4482' & 4501' - 4504' & 4531' - 4541' & 4793' - 4813'.
- Set CIBP @ 2288'. TO Pictured Cliffs @ 2288'. Isolates Chacra Corrosion Hole & Pictured Cliffs Fm. if well is lost.
- Perf. Squeeze Holes @ 2278'.
- Circ. Cement to Surface w/ Retainer @ 2130'. Drill-Out & Re-Squeeze as necessary to obtain casing integrity from CIBP @ 2288' to Surface.
- Drill-Out CIBP @ 2288'.
- Swab-Test Chacra Fm. thru corrosion hole @ 3280'-3281' to evaluate productive potential.
- Perf. Squeeze Holes @ 2510'.
- Circ. cement from Corrosion Hole @ 3280'-3281' to Squeeze Holes @ 2510'. Drill-Out & Re-Squeeze as necessary to obtain casing integrity f/ Surface to CIBP @ 3827'.
- Drill-Out CIBP's @ 3827', 5580' & 5720' sequentially. Re-Stimulate & obtain BHP as necessary.
- Run Production Assembly. Re-Install P)roduction Facilities. Install new gas sales line on-lease. Resume Production.

A Scaled Well-Bore Diagram with Formation Tops is Attached.



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

Robert A. Schwering, PE

TITLE

Operations Manager

DATE

3/9/2006

Type or print name

E-mail address:

Telephone No.

For State Use Only

APPROVED BY:

H. Villanueva

TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 4

DATE

MAR 10 2006

Conditions of Approval (if any):

NCRA State 16-#4

Sealed Vertically

Wellbore Diagram

Set 8 5/8" 24# H-40 STC @ 214' →
Cement: 150 sx. Class B + 2% CuCl₂
Circ. 10 sx. @ Surface

1000'

CURRENT Fracture Corrosion Holes:

2205' - 2206'
2240' - 2241'
2247' - 2248'

2000'

2nd Stage Cement: 2280' - 2480'
50 sx. 50/50 Pozmix A / Class H + 2% CuCl₂
PV @ 2464'

3000'

CURRENT CORROSION HOLES: Chacra: 3280' - 3281'

Blocks Squeeze: 3533' - 4716':

4000'

8/74:

Corrosion Hole @ 4150': Repaired.

3 Squeezes @ 450 sx. Class H + Add.

2 Squeeze Holes @ 4853'

5000'

1st Stage Cement: 5210' - 5851'

150 sx. Pozmix A / Class H Cut + 2% CuCl₂

Set 4 1/2" 9.5# J-55 STC @ 5851'

6000'

- Ojo Alamo @ 1700'

- Kirtland @ 1950'

- Kirtland @ 2092'

- Pictured Cliffs @ 2288'

- Lewis Shale @ 2380'

- To Chacra @ 3118'

- Lower Lewis Shale @ 3350'

- Gl. H. House @ 3827': T.O. Mesa Verde

- Menace @ 3870' Pnts: 4474' - 4482'
4501' - 4504'
4531' - 4541'

- Ft. Lookout @ 4555' Pnts: 4793' - 4813'

- Mancos @ 4822'

- Contact Fm @ 5511'

- Gallup @ 5564'

Upper Gallup Pnts: 5647' - 5657'

CIB @ 5720'

Lower Gallup Pnts: 5762' - 5777'

Drilled-Out C @ 5786'

Old PBO @ 5828'