DEQ

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY – OFFICE OF GEOLOGICAL SURVEY

ANNULAR PRESSURE TEST

By authority of Part 615 or Part 625 of Act 451 PA 1994, as amended. Non-submission and/or falsification of this information may result in fines and/or imprisonment.

Permit Number: M453 MI-163-1W-C0011

Well name & No.: EDS 2-12

Surface location: SW 1/4 of NW 1/4 of SE 1/4, Section 12 T 03S R 09E

Name and address of permittee:
RDD Investment Corporation
28470 Citrin Drive
Romulus, MI 48174

Township: Romulus

County: Wayne

Well type:
- Part 615: ☐ Secondary recovery ☐ Brine disposal
- Part 625: ☒ Waste disposal ☐ Solution mining

Date of test: 3/29/2012

Casing: 7" at 3983 feet

Tubing: 4.5" fiberglass

Type of gauge: ROSEMOUNT 3005IAFM5 S/N 0058975

inch face: DIGITAL psi range: 0-4000

Packer type/model: GPS Model 12

Packer depth: 3965

New gauge ☐ Yes ☒ No

if no, enter date of test calibration: 10/22/2006

Type of non-corrosive liquid in the annulus: Inhibited brine

Average rate during injection:

Maximum allowed injection pressure: 765 psi

TEST DATA

Pressure readings (psig)

Time	Annulus	tubing	Time	Annulus	tubing
0945	913	4			
0950	910				
0955	908				
1000	907				
1005	906				
1010	905				
1015	904				
1020	902				
1025	902				
1030	900				
1035	899				
1040	898				
1045	897				
1050	896	4			

Comments: OBSERVED CHANGE: 16 PSIG; 3% CHANGE 27.4 PSIG. WELL DEMONSTRATES INTERNAL MECHANICAL INTEGRITY
ANNULUS WAS PRESSURIZED TO ~ 918 PSIG AT 9:42 am.

Certification if witnessed by DEQ representative:

Signature of DEQ employee: Raymond Vigmovich Date: 3/29/2012

Certification if not witnessed by DEQ representative: "I state that I am authorized by said owner. This report was prepared under my supervision and direction. The facts stated herein are true, accurate and complete to the best of my knowledge."

Signature: Date:

MAIL TO: OFFICE OF GEOLOGICAL SURVEY
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
PO BOX 30256
LANSING MI 48909-7756

EQP 7606 (rev. 8/2004)

DEQ

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ANNULAR PRESSURE TEST

By authority of Part 615 or Part 625 of Act 451 PA 1994, as amended. Non-submission and/or falsification of this information may result in fines and/or imprisonment.

Permit Number: M452 MI-163-1W-C0010

Well name & No.: EDS 1-12

Surface location: SW 1/4 of NW 1/4 of SE 1/4, Section 12 T 03S R 09E

Name and address of permittee:
RDD Investment Corporation
28470 Citrin Drive
Romulus, MI 48174

Township: Romulus

County: Wayne

Well type:
Part 615 ☐ Secondary recovery ☐ Brine disposal
Part 625 ☒ Waste disposal ☐ Solution mining

Date of test: 3/29/2012

Casing: 7" at 4080 feet

Tubing: 4.5" fiberglass

Type of gauge: ROSEMOUNT MODEL 3005 1AFM5 S/N 0058973
inch face: DIGITAL psi range: 0-4000

Packer type/model: GPS Model 12

Packer depth: 4066

New gauge ☐ Yes ☒ No
if no, enter date of test calibration: 10/22/2006

Type of non-corrosive liquid in the annulus: Inhibited brine

Average rate during injection:

Maximum allowed injection pressure: 765 psi

TEST DATA

Pressure readings (psig)

Time	Annulus	tubing	Time	Annulus	tubing
0944	913	10			
0949	910				
0954	908				
0959	907				
1004	906	9			
1009	906				
1014	905				
1019	905				
1024	904				
1029	904				
1034	904				
1039	903				
1044	903				
1049	903				

Comments: OBSERVED CHANGE 10 PSIG; 3% CHANGE: 27.4 PSIG. WELL DEMONSTRATES INTERNAL MECHANICAL INTEGRITY.
ANNULUS WAS PRESSURIZED TO ~914 PSIG AT 9:41 am

Certification if witnessed by DEQ representative:

Signature of DEQ employee: Raymond Vigunovich Date: 3/29/2012

Certification if not witnessed by DEQ representative: "I state that I am authorized by said owner. This report was prepared under my supervision and direction. The facts stated herein are true, accurate and complete to the best of my knowledge."

Signature: Date:

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