

Submit 1 Copy 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
October 13, 2009

WELL API NO.
N/A 30-025-02430

5. Indicate Type of Lease
STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Lea Unit (Freshwater Frac Pit)

8. Well Number Near #7

9. OGRID Number 240974

10. Pool name or Wildcat
N/A

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 Freshwater Frac Pit ☒

2. Name of Operator
LEGACY RESERVES OPERATING LP

3. Address of Operator
P.O. BOX 10848
MIDLAND, TX 79702

4. Well Location
Unit Letter N : 660 feet from the South line and 1980 feet West line
Section 12 Township 20S Range 34E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3657' GL

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 ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

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

OTHER: CONSTRUCT FRESHWATER FRAC PIT ☒ 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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Legacy Reserves Operating LP plans to build a freshwater frac pit as follows:

- To be used for freshwater only (for fracture treating of horizontal laterals).
- Dimensions of pit: 200' x 200' x 7'.
- Capacity of pit: 49,900 bbls (usable 42,000 bbls).
- Deeded surface (Mark Smith)
- Location: Just South of Lea Unit #7 location (see well location #4 above & attached map).
- See additional information attached.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE D. Patrick Darden TITLE Sr. Engineer DATE 06/29/2011

Type or print name D. Patrick Darden, P. E. E-mail address: _____ PHONE: 432-689-5200

For State Use Only

APPROVED BY: Jeffrey Selinger TITLE Environmental Engineer DATE 08/05/11
Conditions of Approval (if any):

P&R EMAILS ATTACHED & DATA ATTACHED

Apr. 7. 2009 10:59AM

*Marathon Road Water Station*No. 3808 P. 1
RECEIVED APR 7 2009P.O. BOX 98
MIDLAND, TX. 79702
PHONE (432) 683-4821

Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
FAX (432) 682-8819

RESULT OF WATER ANALYSES

TO: Mr. Randall Trainer
PO Box 3788, Midland, TX. 79702LABORATORY NO. 409-22
SAMPLE RECEIVED 3-27-09
RESULTS REPORTED 4-3-09COMPANY C.W. Trainer

LEASE _____

FIELD OR POOL _____

SECTION _____ BLOCK _____ SURVEY _____ COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Drinking water - taken from north well near Arkansas Junction.NO. 2 Maximum contents for drinking water as recommended by the Texas Dept. of Health.

NO. 3 _____

NO. 4 _____

REMARKS: _____

CHEMICAL AND PHYSICAL PROPERTIES

	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.				
pH When Sampled				
pH When Received	6.89			
Bicarbonate as HCO ₃	63			
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	68			
Calcium as Ca	10			
Magnesium as Mg	10			
Sodium and/or Potassium	109			
Sulfate as SO ₄	4	300		
Chloride as Cl	176	300		
Iron as Fe	0.25	0.30		
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	373	1,000		
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen				
Hydrogen Sulfide				
Resistivity, ohm/cm at 77° F.				
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Nitrate, as N	1.7	10.0		

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks

Based on the determinations performed above, this water shows to
comply with State standards for drinking water as recommended by the Texas Department of Health.

Form No. 3

By

Greg Ogden, B.S.

Lea Unit #7 Loc

Proposed Frac Pit Location

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Image © 2011 DigitalGlobe

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Imagery Date: 2/2/2003

32°34'53.87" N 103°30'57.41" W elev: 3657 ft

Eye alt: 4660 ft



