District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
Revised June 6, 2013

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

10092

Pit, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action:
- ☐ Below grade tank registration
- ☐ Permit of a pit or proposed alternative method
- ☒ Closure of a pit, below-grade tank, or proposed alternative method
- ☐ Modification to an existing permit/or registration
- ☐ Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: ENERVEST OPERATING, L.L.C. OGRID #: 143199
Address: 1001 FANNIN ST., STE. 800, HOUSTON, TX 77002
Facility or well name: JICARILLA C #2M
API Number: 30-039-29927 OCD Permit Number: 10092
U/L or Qtr/Qtr M Section 14 Township 26N Range 05W County: RIO ARRIBA
Center of Proposed Design: Latitude 36.480139 Longitude -107.3365 NAD: ☐ 1927 ☒ 1983
Surface Owner: ☐ Federal ☐ State ☐ Private ☒ Tribal Trust or Indian Allotment

2.
☒ **Pit:** Subsection F, G or J of 19.15.17.11 NMAC

RCVD OCT 4'13
OIL CONS. DIV.
DIST. 3

Temporary: ☒ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☐ yes ☐ no
☒ Lined ☐ Unlined Liner type: Thickness 20 mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other
☒ String-Reinforced
Liner Seams: ☒ Welded ☒ Factory ☐ Other Volume: 11000 bbl Dimensions: L 125' x W 75' x D 10'

3.
☐ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: bbl Type of fluid:
Tank Construction material:
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other
Liner type: Thickness mil ☐ HDPE ☐ PVC ☐ Other

4.
☐ **Alternative Method:**
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.
Fencing: Subsection D of 19.15.17.11 NMAC *(Applies to permanent pits, temporary pits, and below-grade tanks)*
☐ Chain link, six feet in height, two strands of barbed wire at top *(Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)*
☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet
☒ Alternate. Please specify 4' HOG WIRE FENCE W/ BARBED WIRE ON TOP

6.
Netting: Subsection E of 19.15.17.11 NMAC *(Applies to permanent pits and permanent open top tanks)*

☐ Screen ☐ Netting ☐ Other_____

☐ Monthly inspections (If netting or screening is not physically feasible)

7.
Signs: Subsection C of 19.15.17.11 NMAC

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☒ Signed in compliance with 19.15.16.8 NMAC

8.
Variances and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.

☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.
Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. **Siting criteria does not apply to drying pads or above-grade tanks.**

General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - ☒ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit . NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)** - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☒ No
Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☒ No
Within an unstable area. **(Does not apply to below grade tanks)** - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☒ No
Within a 100-year floodplain. **(Does not apply to below grade tanks)** - FEMA map	☐ Yes ☒ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

10.

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

11.

Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ A List of wells with approved application for permit to drill associated with the pit.
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12.
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H_2S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.
Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type: ☒ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☐ Below-grade Tank ☐ Multi-well Fluid Management Pit ☐ Alternative

Proposed Closure Method: ☐ Waste Excavation and Removal
☐ Waste Removal (Closed-loop systems only)
☒ On-site Closure Method (Only for temporary pits and closed-loop systems)
☒ In-place Burial ☐ On-site Trench Burial
☐ Alternative Closure Method

14.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- ☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☒ Yes ☐ No ☐ NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☒ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☒ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☒ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☒ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☒ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☒ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☒ No

16.
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- ☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- ☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.
Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

18.
OCD Approval: ☐ Permit Application (including closure plan) ☒ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: Jonathan D. Kelly **Approval Date:** 10/29/2013

Title: Compliance Officer **OCD Permit Number:** _____

19.
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☒ **Closure Completion Date:** 11/7/2012

20.
Closure Method:

☐ Waste Excavation and Removal ☒ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)

☐ If different from approved plan, please explain.

21.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

- ☒ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only)
- ☒ Plot Plan (for on-site closures and temporary pits)
- ☒ Confirmation Sampling Analytical Results (if applicable)
- ☒ Waste Material Sampling Analytical Results (required for on-site closure)
- ☐ Disposal Facility Name and Permit Number
- ☐ Soil Backfilling and Cover Installation
- ☐ Re-vegetation Application Rates and Seeding Technique
- ☒ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude _____ Longitude _____ NAD: ☐ 1927 ☐ 1983

22.

Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): BART TREVINO Title: REGULATORY ANALYST

Signature: [signature] Date: 10/3/2013

e-mail address: BTREVINO@ENERVEST.NET Telephone: 713-659-3500

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

No records found.

PLSS Search:

Section(s): 10-13, 15, 22-24 **Township:** 26N **Range:** 05W

EnerVest Operating, L.L.C. (EV)
Temporary Pit Closure Report

Jicarilla C #2M (30-039-29927)
Sec. 14 T26N R05W Unit M
Lat: 36.480139 Long: -107.3365

Rule 19.15.17.13 NMAC

In accordance with the above mentioned rule, EV submits this closure program for all EV locations where a temporary pit (reserve pit) is required. This will be our plan for all temporary pits unless a special condition warrants. In that case another plan will be submitted for that particular temporary pit.

All closure activities will include proper documentation and be available for review upon request and will be submitted to the appropriate division office within 60 days of closure of all temporary pits. A closure report will be filed on OCD Form C-144 and will include the following:

- Details on Capping and Covering, where applicable – **n/a**
- Plat Plan (Pit Diagram) – **Location Plat & Updated Site Diagram attached**
- Inspection Reports – **n/a. See attached letter.**
- Sampling Reports – **Envirotech Report Summary attached**
- OCD Form C-105 – **filed on BLM Form 3160-4 dated 9/28/2012**
- Copy of Deed Notice filed with County Clerk, where applicable – **n/a**

1. EV shall notify the surface owner by certified mail, return receipt requested that we plan to close a temporary pit. **Sheryl Vigil with BIA-Jicarilla Agency notified of temporary pit closure via Certified U.S. Mail return receipt requested on October 24, 2012. Permission to perform work granted on 10/25/2012.**
2.
3. EV shall notify the appropriate division district office verbally or by other means at least 72 hours, but not more than one week, prior to closing a temporary pit. Such notice will include the location to be closed by unit letter, section, township and range, well name and number, and appropriate API number of the well on which the temporary pit exists. **NMOCD-Aztec was notified on October 24, 2012 via email of the proposed closure of this temporary pit.**

4. EV shall remove all free standing liquids at the start of the closure process for all division approved temporary pits. Such liquids will be disposed of in an approved facility or be reclaimed in a manner that the appropriate division office approves. The facilities to be used will be:

TNT Land Farm	Permit# NM-01-0008
Envirotech Land Farm	Permit# NM-01-0011

Prior to closure of the temporary pit, all liquids were removed and disposed at TNT Land Farm (Permit# NM-01-008)

5. Within 6 months of the date the rig is released, EV will ensure that the associated temporary pit is closed, re-contoured, and reseeded. If weather or seasonal conditions prevent the reclamation within 6 months, EV will request an extension from the regulatory agencies involved. **PPP Rig released on 9/26/2012. Temporary pit was closed on or around 11/6/12. See #11 for additional detail.**

6. Liner of temporary pits shall be removed above "mud level" after stabilization. Removal of liner will consist of manually or mechanically cutting line at mud level and removing all remaining liner. Care will be taken to remove all of line, all, if any excessive line will be disposed of at:
   San Juan Regional Landfill Permit#SWM052426

7. Pit contents shall be mixed with non-waste containing, earthen material in order to achieve of natural drying and mechanically mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed a safe and stable. The mixing ration shall not exceed 3 parts clean soil to 1 part pit contents.

8. A five point composite sample will be taken of the pit using sampling tools and all samples tested per 19.15.17.13(B)(1)(b) NMAC. In the event that the criteria are not met, all contents will be handled per 19.15.17.13(B)(1)(a).

Sample	Determined By:	Maximum Limit	Lab Results
Benzene	EPA SW-846 method 8021B or 8260B	0.2 mg/kg	**18.1ug/kg**
BTEX	EPA SW-846 method 8021B or 8260B	50mg/kg	**52.5 ug/kg**
TPH	EPA SW-846 method 418.1*	2500 mg/kg	**7.2 mg/kg**
GRO & DRO combined	EPA SW-846 method 8015M		
Chlorides	EPA method 300.1	1000 mg/kg **	**160 mg/kg**

* or other EPA method that the division approves
** or the background concentration, whichever is greater

The samples taken by EV's Sr. HSE Specialist were analyzed by Envirotech Analytical Laboratory. The Report Summary is attached.

9. Upon completion of solidification and testing standards being passed, the pit area will be backfilled with compacted, non-waste containing, earthen material. A minimum of four feet of fill at the site to include one foot of topsoil, or the background thickness of topsoil, whichever is greater. If standard testing fails, EV will dig and haul all contents as per 19.15.17.13. After doing such, confirmation sampling will be conducted to ensure a release has not occurred. **There were no visible signs of leakage upon removal of the temporary pit. The results for all constituents were within the tolerance levels as established by the OCD per the approval of this temporary pit permit.**

10. During the stabilization process, if the liner is ripped by equipment the appropriate district office will be notified within 48 hours and the liner will be repaired if possible. If the line cannot be repaired, then all contents will be excavated and removed.

11. Dig and Haul Material will be transported to:
    TNT Land Farm Permit#NM-01-0008
    Envirotech Land Farm Permit# NM-01-0011

12. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be placed in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape. **Dirt work was performed by Costilla Oilfield Services. The excavation was backfilled utilizing stockpiled soil already on the location. The location was contoured to match the surrounding terrain. Photos attached.**

13. Notification will be sent to OCD when the reclaimed area is seeded. **The temporary pit is on an approved pad site and no re-seeding was performed at the time of closure. A sundry will be submitted when the area has been re-seeded and growth has occurred.**

14. EV shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (unimpacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be contoured until successful vegetative grown occurs.

Type	Variety or Cultivator	PLS/A
Western Wheatgrass	Arriba	3.0
Indian Ricegrass	Paloma or Rimrock	3.0
Slender Wheatgrass	San Luis	2.0
Crested Wheatgrass	Hy-Crest	3.0
Bottlebrush Squirreltail	Unknown	2.0
Four-wing Saltbrush	Delar	0.25

Species shall be planted in pounds of pure live seed per acre: Present Pure Live Seed (PLS) = Purity x Germination/00
Two lots of seed can be compared on the basis of PLS:

	Source 1	Source 2
	(poor quality)	(better quality)
Purity	50%	80%
Germination	40%	63%
Percent PLS	20%	50%

15. The temporary pit will be located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial upon the abandonment of all the wells on the pad. The marker will be flush with the ground to allow access of the active well pad for safety concerns. The marker will include a threaded collar to be used for future abandonment. The top of the marker will contain a welded steel 12" square plate that indicates the onsite burial of the temporary pad. The plate will be easily removed and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the operators information at the time of all wells on the pad are abandoned. The operator's information will include

the following: Operator Name, Lease Name, Well Name and number, Unit Letter, Section, Township, Range and an indicator that the marker is an onsite burial location. **A pit marker was installed to indicate the location of this pit. Photos attached.**

Fry, Pamela

From: Fry, Pamela
Sent: Wednesday, October 24, 2012 4:41 PM
To: 'Kurt.Sandoval@bia.gov'; 'jonathan.kelly@state.nm.us'
Cc: 'Marlena.Reval@bia.gov'; 'Dedra.Mike@bia.gov'; Trevino, Bart
Subject: Notification /Closure of reserve pit - Jic C 2M
Attachments: BIA notification-reserve pit closure Jic C 2M.pdf

Attached is EnerVest's notification for closure of the reserve pit on Jicarilla C 2M.

If you have any questions, please feel free to contact Bart Trevino at 713-495-5355 or the undersigned.

Pamela Fry
EnerVest Operating, LLC | Regulatory Compliance
1001 Fannin Street, Suite 800 | Houston TX 77002
Direct 713.495.1563 | Main 713.659.3500 | Fax 713.651.3154
pfry@enervest.net | www.enervest.net

ENERVEST

CERTIFIED MAIL RETURN RECEIPT REQUESTED
7002 0860 0005 2140 2605

October 24, 2012

Bureau of Indian Affairs
Jicarilla Agency
Branch of Real Property
Energy & Minerals Management
P.O. Box 167
Dulce, New Mexico 87528

Attn: Sherryl Vigil
Superintendent

RE: Closure of Reserve Pit
Jicarilla Apache C 2M (API 30-039-29927)

Dear Ms. Vigil:

In an effort to be in compliance with NMAC 19.15.17.13 (J) regarding notifications of surface owners concerning the closure of reserve pits, please be advised that EnerVest Operating, LLC is in process of preparing OCD Form C-144 to close the reserve pit on the above referenced property.

The reserve pit located on this site is no longer necessary. We expect work for this closure to begin by October 26. This timeline is completely dependent upon the availability of equipment, testing requirements and weather conditions. EnerVest will fully comply with NMAC 19.15.17.13 (B) in all work performed.

If you have any questions regarding this process, please feel free to contact the undersigned at 713-495-1563.

Sincerely,

Pamela Fry

Pamela Fry
Regulatory Compliance

Via email
Kurt Sandoval
Jonathon Kelly
Marlena Reval
Dedra Mike

UNITED STATES POSTAL SERVICE

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

EnerVest Operating, LLC
Attn: Pamela Fry
1001 Fannin St, Suite 800
Houston TX 77002

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

BIA – Jicarilla Agency
Branch of Real Property
Energy & Minerals Management
P O Box 1367
Dulce, NM 87528

Jic C 2M

RECEIVED
NOV - 1 2012
ENERVEST

COMPLETE THIS SECTION ON DELIVERY

A. Signature [signature] ☑ Agent ☐ Addressee

B. Received by (Printed Name) Joanna Dominguez

C. Date of Delivery 10-29-12

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☑ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☑ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number
(Transfer from service label) 7002 0860 0005 2140 2605

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS
JICARILLA AGENCY
P.O. BOX 167
DULCE, NEW MEXICO 87528

IN REPLY REFER TO:
Energy & Minerals Management

OCT 2 5 2012

Mr. Bart Trevino
EnerVest Operating, LLC
1001 Fannin Street, Suite 800
Houston, Texas 77002

Dear Mr. Trevino:

This is in response to your request, dated **October 24, 2012** for permission to perform work on the following location, which is on Tribal Surface:

Jicarilla C #2M:
Located in Section 14, Township 26 North, Range 5 West, Rio Arriba County, State of New Mexico (API No. 30-039-29927).

Scope of Work:
Close the reserve pit.

The Bureau of Indian Affairs, Jicarilla Agency, hereby grant EnerVest Operating, LLC and its contractors permission to perform work of the above mentioned location. Please submit an affidavit of completion and final report when completed.

If you should have any questions or concerns, please contact Mr. Kurt Sandoval, Acting Realty Officer, at (575) 759-3936.

Sincerely,

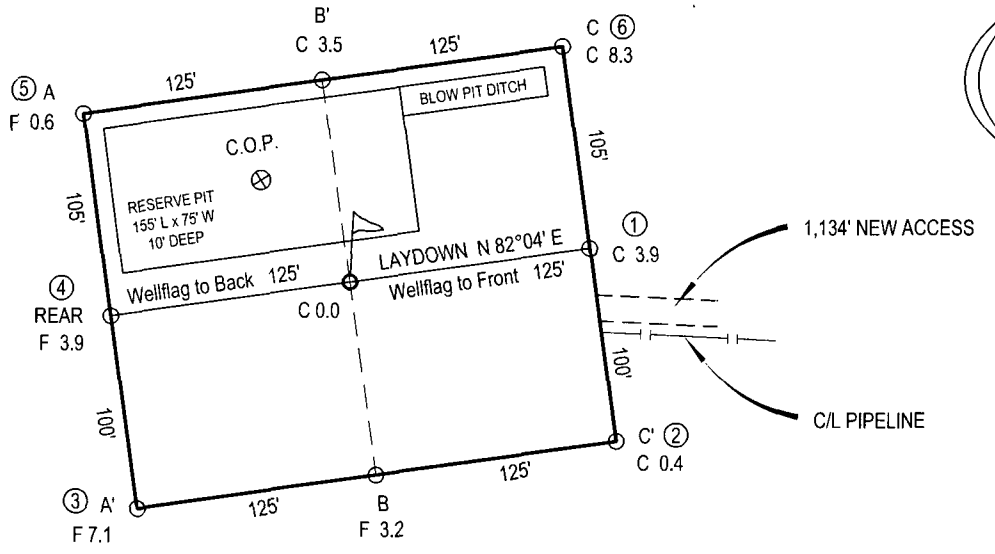
Superintendent

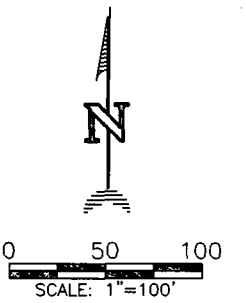
cc: Jicarilla Oil and Gas Administration

ENERVEST OPERATING, LLC
JICARILLA C No. 2M, 150 FSL 275 FWL
SECTION 14, T26N, R5W, N.M.P.M., RIO ARRIBA COUNTY, N.M.
GROUND ELEVATION: 6962', DATE: SEPTEMBER 21, 2005

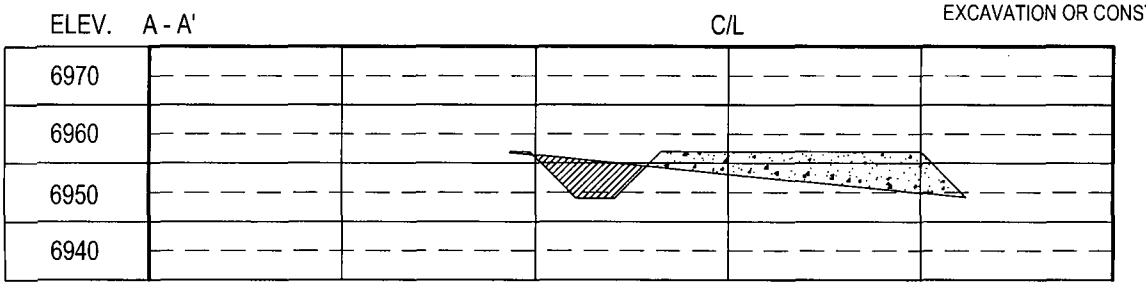
WELL FLAG
NAD 83
LAT. = 36.48014°" N.
LONG. = 107.33651°" W.
NAD 27
LAT. = 36°28'48.47798" N.
LONG. = 107°20'09.28197" W.

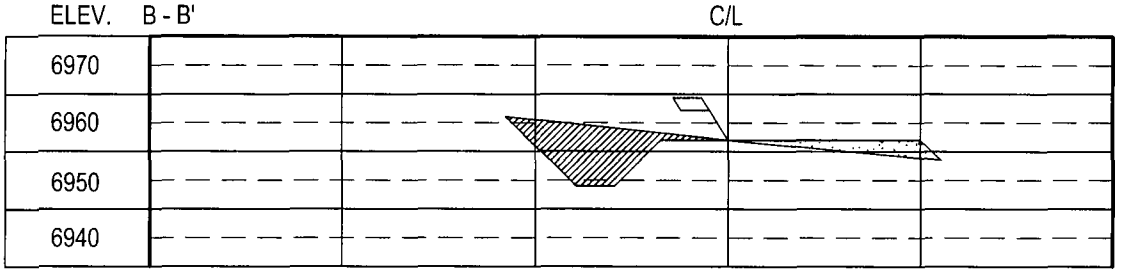
CENTER OF PIT
NAD 83
LAT. = 36..48031° N.
LONG. = 107.33678° W.
NAD 27
LAT. = 36°28'49.06889" N.
LONG. = 107°20'10.24815" W.

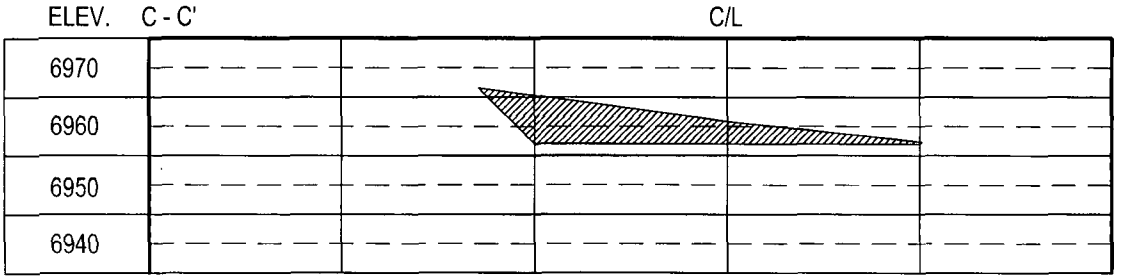




NOTE: DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.







NOTE: CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

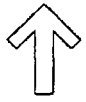
REVISION: OPERATOR NAME CHANGE & CADFILE NAME CHANGE
DATE: 11/01/11
REVISED BY: G.V.

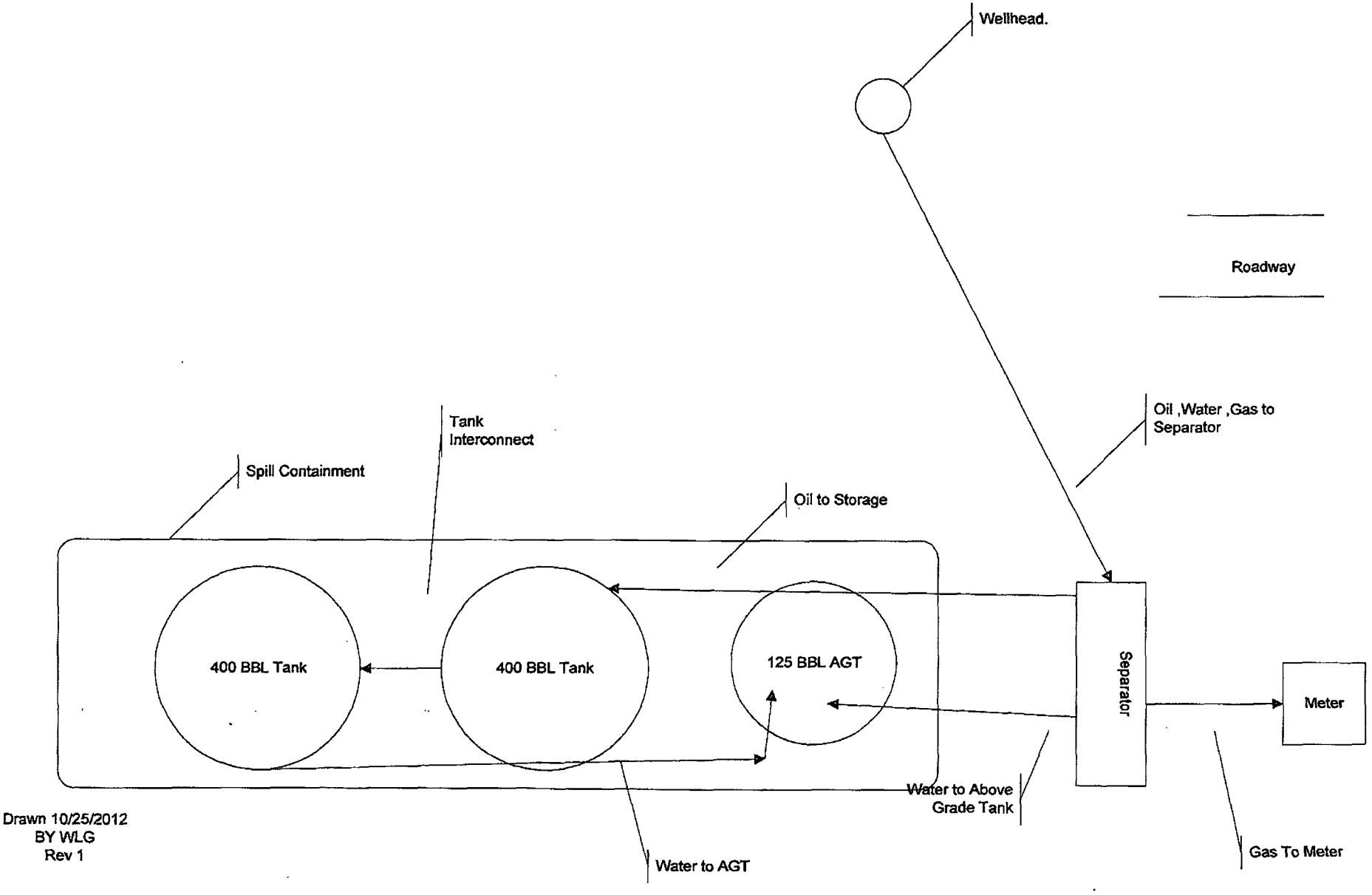
Daggett Enterprises, Inc.
Surveying and Oil Field Services
P.O. Box 510 Farmington, NM 87499
Phone (505) 326-1772 Fax (505) 326-6019
NEW MEXICO L.S. No. 8894

DRAWN BY: B. LEIDY
CADFILE: EV092_CF8
DATE: 11/02/05
ROW#: EV092

Enervest Operating LLC
2700 Farmington Ave
Building-K, Suite #1
Farmington NM 87041

Jicarilla C-2M
30-039-29927
UL-M, S-14, T-26N, R-5W
Lat 36.48014 N
Long 107. 33651 W





Drawn 10/25/2012
BY WLG
Rev 1

envirotech
Analytical Laboratory

G-2M Pit

Report Summary

Client: Enervest Operating

Chain of Custody Number: 14467

Samples Received: 10-19-12

Job Number: 05123-0002

Sample Number(s): 63501-63502

Project Name/Location:

Entire Report Reviewed By: _____ Date: 10/23/12

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

5796 US Highway 64, Farmington, NM 87401 Ph (505) 632-0615 Fx (505) 632-1865
Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (970) 259-0615 Fr (800) 362-1879
envirotech-inc.com
laboratory@envirotech-inc.com

envirotech
Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Enervest Operating	Project #:	05123-0002
Sample ID:	C-2M Pit	Date Reported:	10-22-12
Laboratory Number:	63501	Date Sampled:	10-18-12
Chain of Custody No:	14467	Date Received:	10-19-12
Sample Matrix:	Soil	Date Extracted:	10-19-12
Preservative:	Cool	Date Analyzed:	10-22-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**7.2**	**0.1**
Total Petroleum Hydrocarbons	**7.2**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments:

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laboratory@envirotech-inc.com

envirotech
Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Enervest Operating	Project #:	05123-0002
Sample ID:	155-16 Pit	Date Reported:	10-22-12
Laboratory Number:	63502	Date Sampled:	10-18-12
Chain of Custody No:	14467	Date Received:	10-19-12
Sample Matrix:	Soil	Date Extracted:	10-19-12
Preservative:	Cool	Date Analyzed:	10-22-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**2.6**	**0.2**
Diesel Range (C10 - C28)	**63.5**	**0.1**
Total Petroleum Hydrocarbons	**66.0**	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments:

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Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	1022TCAL QA/QC	Date Reported:	10-22-12
Laboratory Number:	63485	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-22-12
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	10-22-12	9.9960E+02	1.0000E+03	**0.04%**	**0 - 15%**
Diesel Range C10 - C28	10-22-12	9.9960E+02	1.0000E+03	**0.04%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**247**	**98.8%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**274**	**109%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Was SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 63483-63485, 63501-63504 and 63510-63514**

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laboratory@envirotech-inc.com

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Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Enervest Operating	Project #:	05123-0002
Sample ID:	C-2M Pit	Date Reported:	10-22-12
Laboratory Number:	63501	Date Sampled:	10-18-12
Chain of Custody:	14467	Date Received:	10-19-12
Sample Matrix:	Soil	Date Analyzed:	10-22-12
Preservative:	Cool	Date Extracted:	10-19-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**18.1**	**10.0**
Toluene	**16.3**	**10.0**
Ethylbenzene	**ND**	**10.0**
p,m-Xylene	**18.1**	**10.0**
o-Xylene	**ND**	**10.0**
Total BTEX	**52.5**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**84.8 %**
	1,4-difluorobenzene	**92.5 %**
	Bromochlorobenzene	**98.5 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846. USEPA, December 1996.

Comments:

envirotech
Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Enervest Operating	Project #:	05123-0002
Sample ID:	155-16 Pit	Date Reported:	10-22-12
Laboratory Number:	63502	Date Sampled:	10-18-12
Chain of Custody:	14467	Date Received:	10-19-12
Sample Matrix:	Soil	Date Analyzed:	10-22-12
Preservative:	Cool	Date Extracted:	10-19-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**10.0**
Toluene	**70.7**	**10.0**
Ethylbenzene	**25.9**	**10.0**
p,m-Xylene	**175**	**10.0**
o-Xylene	**54.5**	**10.0**
Total BTEX	**326**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**80.1 %**
	1,4-difluorobenzene	**85.7 %**
	Bromochlorobenzene	**93.9 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846. USEPA, December 1996.

Comments:

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envirotech-inc.com
laboratory@envirotech-inc.com

envirotech
Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	1022BCAL QA/QC	Date Reported:	10-22-12
Laboratory Number:	63501	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-22-12
Condition:	N/A	Analysis:	BTEX
		Dilution:	50

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0-15%			
Benzene	1.9390E-05	1.9390E-05	0.000	ND	0.2
Toluene	1.4597E-05	1.4597E-05	0.000	ND	0.2
Ethylbenzene	1.5044E-05	1.5044E-05	0.000	ND	0.2
p,m-Xylene	1.0728E-05	1.0728E-05	0.000	ND	0.2
o-Xylene	1.4998E-05	1.4998E-05	0.000	ND	0.2

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	18.1	15.6	0.14	0 - 30%	10
Toluene	16.3	16.5	0.01	0 - 30%	10
Ethylbenzene	ND	ND	0.00	0 - 30%	10
p,m-Xylene	18.1	18.3	0.01	0 - 30%	10
o-Xylene	ND	ND	0.00	0 - 30%	10

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	18.1	2500	2260	89.8	39 - 150
Toluene	16.3	2500	2300	91.4	46 - 148
Ethylbenzene	ND	2500	2310	92.4	32 - 160
p,m-Xylene	18.1	5000	4600	91.7	46 - 148
o-Xylene	ND	2500	2320	92.8	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for Samples 63466-467, 63483-63484, 63501-63502 and 63505-63507**

envirotech
Analytical Laboratory

Chloride

Client:	Enervest Operating	Project #:	05123-0002
Sample ID:	C-2M Pit	Date Reported:	10-22-12
Lab ID#:	63501	Date Sampled:	10-18-12
Sample Matrix:	Soil	Date Received:	10-19-12
Preservative:	Cool	Date Analyzed:	10-19-12
Condition:	Intact	Chain of Custody:	14467

Parameter	Concentration (mg/Kg)
Total Chloride	**160**

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983. Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments:

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envirotech-inc.com
laboratory@envirotech-inc.com

envirotech
Analytical Laboratory

Chloride

Client:	Enervest Operating	Project #:	05123-0002
Sample ID:	155-16 Pit	Date Reported:	10-22-12
Lab ID#:	63502	Date Sampled:	10-18-12
Sample Matrix:	Soil	Date Received:	10-19-12
Preservative:	Cool	Date Analyzed:	10-19-12
Condition:	Intact	Chain of Custody:	14467

Parameter	Concentration (mg/Kg)
Total Chloride	**499**

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments:

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envirotech-inc.com
laboratory@envirotech-inc.com

CHAIN OF CUSTODY RECORD

14467

Client:	Project Name / Location:
ENERVEST OPERATING	
Email results to: WGARDNER@ENERVEST.NET	Sampler Name: LEE GARDNER
Client Phone No.: 505 320-7924	Client No.: 05123-0002

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative $HgCl_2$	Preservative HCl	Preservative	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
C-2M PIT	10/18/12	14:33	603501	1/4oz				X	X								X				X	X
155-16 PIT	10/18/12	15:41	603502	1/4oz				X	X								X				X	X

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/19	08:19		10/19/12	8:19
Relinquished by: (Signature)			Received by: (Signature)		

Sample Matrix

Soil ☒ Solid ☐ Sludge ☐ Aqueous ☐ Other ☐ _____

☐ Sample(s) dropped off after hours to secure drop off area.

RUSH

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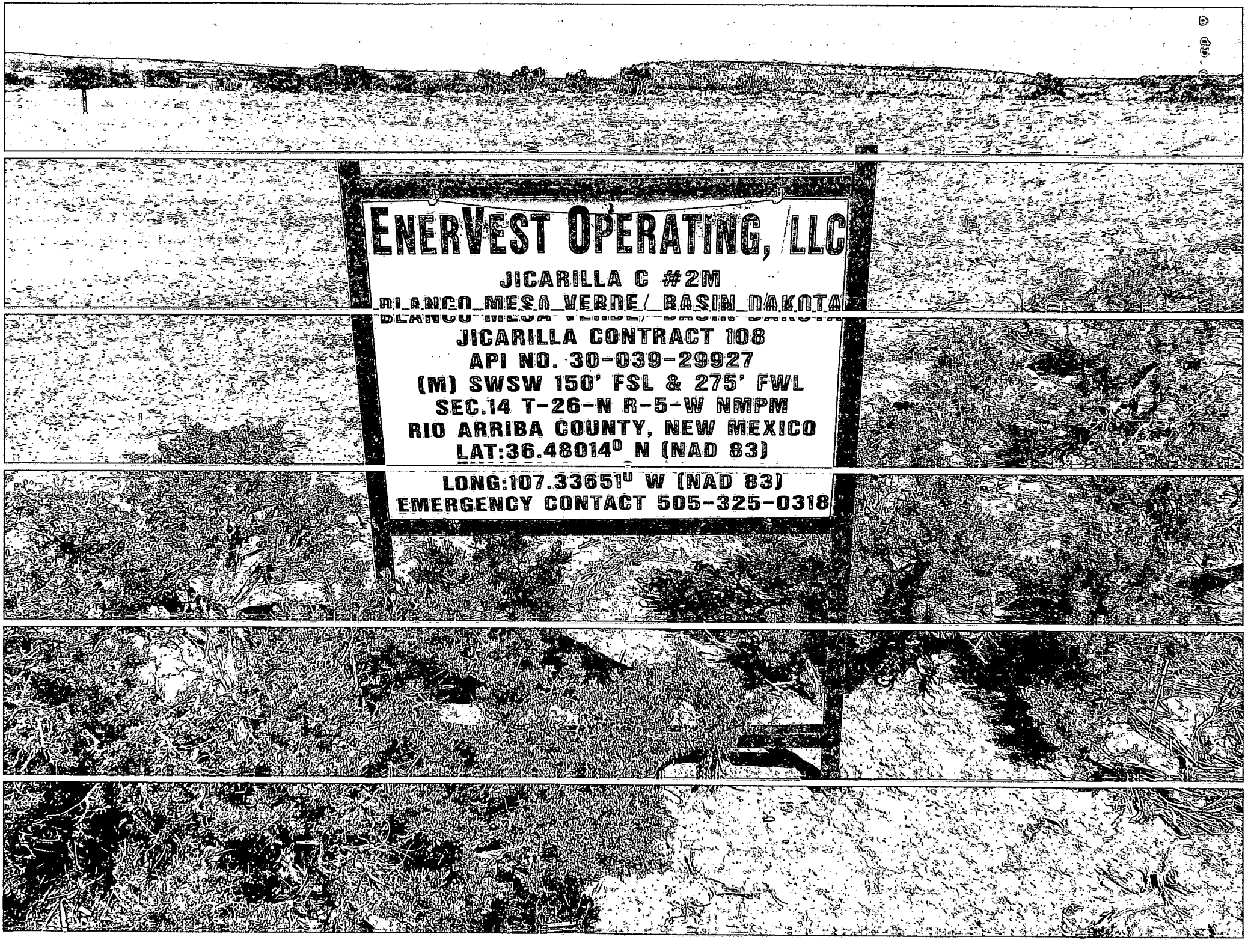
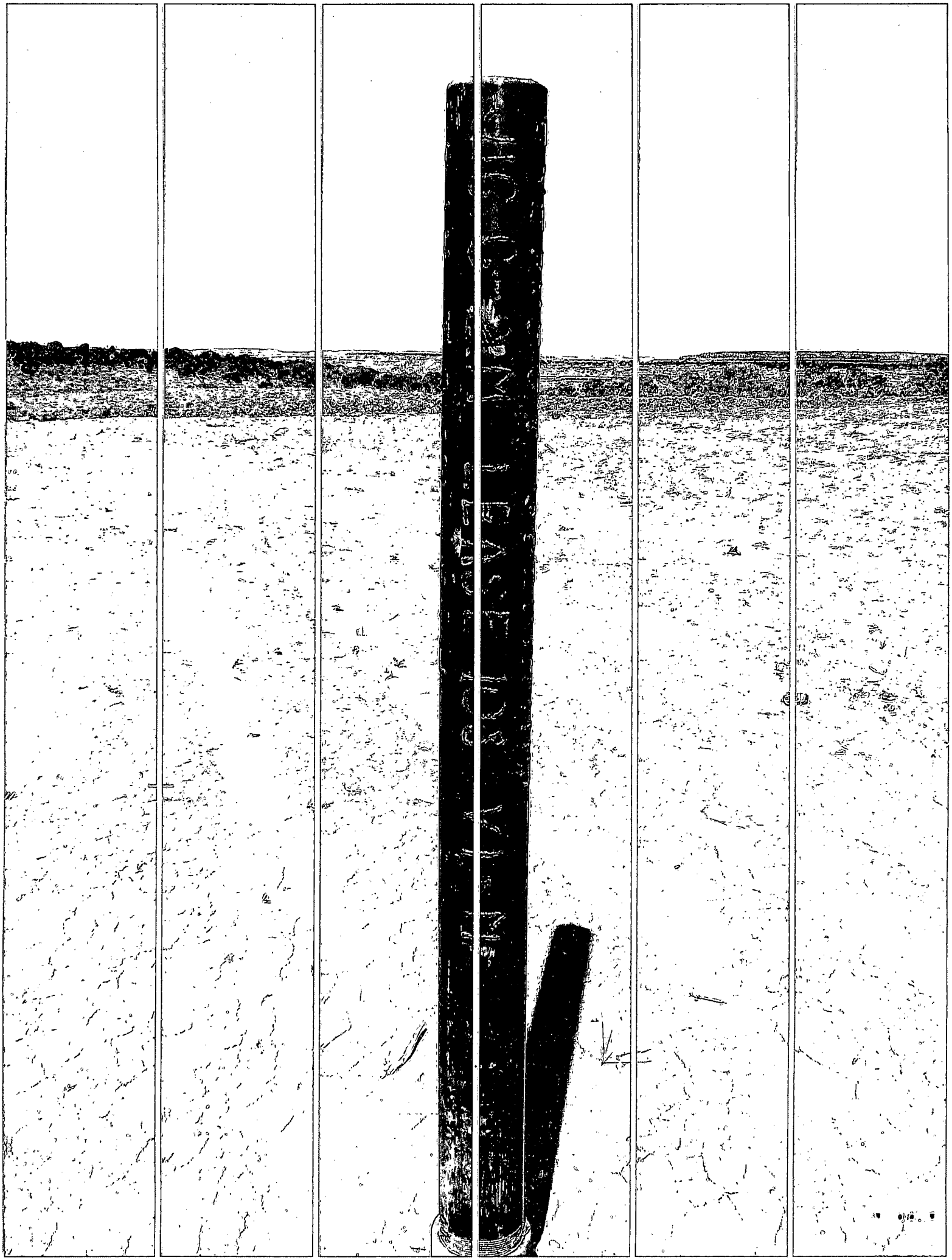
Analytical Laboratory

5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc.com


ENERVEST OPERATING, LLC
JICARILLA C #2M
BLANCO MESA VERDE/ BASIN DAKOTA
JICARILLA CONTRACT 108
API NO. 30-039-29927
(M) SWSW 150' FSL & 275' FWL
SEC.14 T-26-N R-5-W NMPM
RIO ARRIBA COUNTY, NEW MEXICO
LAT:36.48014° N (NAD 83)
LONG:107.33651° W (NAD 83)
EMERGENCY CONTACT 505-325-0318



Form 3160- 5
(April 2004)

RECEIVED

SEP 28 2012

Farmington Field Office
Bureau of Land Manage

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004- 0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other Instructions on reverse side.*

5. Lease Serial No
Jicarilla Contract 108

6 If Indian, Allottee, or Tribe Name
Jicarilla Apache Tribe

7. If Unit or CA. Agreement Name and/or No

RCVD OCT 1 '12

OIL CONS. DIV.
DIST. 3

8. Well Name and No.
Jicarilla C #2M

1. Type of Well
[ ] Oil Well [X] Gas Well [ ] Other

2 Name of Operator
EnerVest Operating, LLC

3a Address
1001 Fannin St, Suite 800
Houston, TX 77002-6707

3b. Phone No. *(include area code)*
713-659-3500

9. API Well No.
30-039-29927

10. Field and Pool, or Exploratory Area
Blanco Mesa Verde / Basin Dakota

4 Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
150' FSL & 275' FWL
UL M, Sec 14 T26N R05W

11 County or Parish, State
Rio Arriba, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
[ ] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/ Resume)	[ ] Water Shut-off
	[ ] Altering Casing	[X] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[X] Subsequent Report	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other
	[ ] Change Plans	[ ] Plug and abandon	[ ] Temporarily Abandon	**Well Completion**
[ ] Final Abandonment Notice	[ ] Convert to Injection	[ ] Plug back	[ ] Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No on file with the BLM/ BIA Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

8-1 to 8-08-12: MIRU PPP Rig #22, tag and drill out cmt to PBTD of 7895'. run cased hole logs: GR/CCL/CBL. Pressure test 4 1/2" csg to 6000 psi for 30 min. Test OK. 9-4-12: Perf Lower Dakota w/30 0.40' holes from 7776'-7872', 9-5-12: MIRU frac equipment, acidize w/17.9 bbls 15% HCL and 45 Bio-Balls, frac w/101000# 20/40 mesh sand and 4143 bbls of slickwater. Perf Upper Dakota w/30 0.40" holes from 7656'-7693', MIRU frac equipment, acidize w/17.9 bbls 15% HCL and 45 Bio-Balls, frac w/88627# 20/40 mesh sand and 2905 bbls of slickwater. 9-6-12: Perf Mesa Verde w/34 0.40" holes from 5563'-5690', MIRU frac equipment, acidize w/17.9 bbls 15% HCL and 50 Bio-Sealer balls, frac w/120430# 20/40 mesh sand and N2 foam using 1014.6 bbls gel water and 1398.4 mscf N2 @ 48.7 bpm foam rate. Perf Mesa Verde w/32 0.40" holes from 5202'-5232', MIRU frac equipment, acidize w/17.9 bbls 15% HCL, frac w/83162# 20/40 mesh sand and N2 foam using 550.8 bbls gel water 778 mscf N2 at 40 bpm foam rate. 9-8 to 9-17-12: Test Mesa Verde Zones (9-12-17: 1st delivery from Mesa Verde using green completion & test allowable C-104) 9-16-12: Drill out plug, clean out perfs, test Dakota/Mesa Verde intervals. 1st delivery from Dakota using green completion & test allowable C-104. 9-26-12: 2 3/8" 4.7# J-55 tubing landed. Set @ 7714'. Rig Released @ 12:30 p.m. on 9/26/12

14. I hereby certify that the foregoing is true and correct

Name *(Printed/ Typed)* **Bart Trevino** Title **Associate Regulatory Analyst**

Signature Date **September 28, 2012**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitiousor fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

ACCEPTED FOR RECORD

OCT 0 1 2012

FARMINGTON FIELD OFFICE

NMOCD

Trevino, Bart

To: Kelly, Jonathan, EMNRD
Subject: Temporary Pit Closures

Jonathan,

Enclosed are the two closure reports for temporary drilling pits used for two of Enervest's 2012 drilled wells. They were closed in November of 2012, but due to several shifts of responsibility, these were not completed nor submitted in a more timely manner. Going forward Enervest Operating, L.L.C. intends to use Closed-Loop Systems rather than Temporary Pits for drilling and completion operations. In the future, should we decide to utilize a temporary pit we will be more prompt with submitting associated forms and reports.

Respectfully,

Bart Trevino

ENERVEST

RCVD OCT 29 '13
OIL CONS. DIV.
DIST. 3

Mr. Jonathan D. Kelly
Oil Conservation Division - Compliance Officer
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410

Re: Jicarilla C #2M – Temporary Pit Closure

EnerVest Operating, L.L.C. has closed a Temporary Pit used during Drilling & Completion operations. In preparing a closure report and C-144 packet to submit for the closure of this pit, it was found that daily inspections were not logged and/or not performed by the rig crew. The Sr. HSE Specialist has advised our foreman and contractors that this task is to be done daily through the duration of drilling & completion operations.

Should you have any questions regarding this matter, please contact me 713-495-5535 (phone) or email at btrevino@enervest.net. Thank you.

Sincerely,

Bart Trevino
EnerVest Operating, L.L.C.
Regulatory Analyst