

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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
Part of Devon Clean-up Program

Form C-144
July 21, 2008

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.
For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

730

**Pit, Closed-Loop System, Below-Grade Tank, or
Proposed Alternative Method Permit or Closure Plan Application**

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

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, 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.

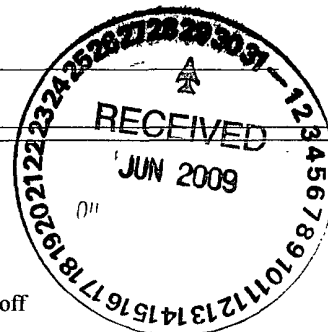
1.
Operator: DEVON ENERGY PRODUCTION COMPANY, L.P. OGRID #: 6137
Address: c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401
Facility or well name: NEBU #336
API Number: 30-045-34649 OCD Permit Number: _____
U/L or Qtr/Qtr O Section 28 Township 31-N Range 07-W County: San Juan
Center of Proposed Design: Latitude 36.86589 Longitude -107.57346 NAD: ☐ 1927 ☒ 1983
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☒ **Pit:** Subsection F or G of 19.15.17.11 NMAC
Temporary: ☒ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A
☒ Lined ☐ Unlined Liner type: Thickness 12 mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
☒ String-Reinforced
Liner Seams: ☐ Welded ☐ Factory ☐ Other _____ Volume: 12,857 bbl Dimensions: L 120' x W 75' x D 10'

3.
☐ **Closed-loop System:** Subsection H of 19.15.17.11 NMAC
Type of Operation: ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other _____
☐ Lined ☐ Unlined Liner type: Thickness _____ mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
Liner Seams: ☐ Welded ☐ Factory ☐ Other _____

4.
☐ **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 _____

5.
☐ **Alternative Method:**
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.



6.

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 _____

7.

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)

8.

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 19.15.3.103 NMAC

9.

Administrative Approvals 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:

- ☐ Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for consideration of approval.
- ☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

10.

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. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above-grade tanks associated with a closed-loop system.

Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No
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	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within a 100-year floodplain. - FEMA map	<input type="checkbox"/> Yes <input type="checkbox"/> No

11.

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: _____

12.

Closed-loop Systems 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.

- ☐ Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
- ☐ Siting Criteria Compliance Demonstrations (only for on-site closure) - 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: _____

☐ Previously Approved Operating and Maintenance Plan API Number: _____ (Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)

13.

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 H₂S, 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

14.

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 ☐ Closed-loop System
☐ 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 (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)

15.

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 F 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 I of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

16.

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC)

Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Will any of the proposed closed-loop system operations and associated activities occur on or in areas that *will not* be used for future service and operations?

☐ Yes (If yes, please provide the information below) ☐ No

Required for impacted areas which will not be used for future service and operations:

☐ 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 I of 19.15.17.13 NMAC

☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

17.

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 may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 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 between 50 and 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

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 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 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 private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, 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

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 500 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

☐ 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

18.

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 F of 19.15.17.13 NMAC

☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements 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 Subsection F of 19.15.17.13 NMAC

☐ Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F 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 I of 19.15.17.13 NMAC

☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N French Dr, Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd, Aztec, NM 87410 <u>District IV</u> 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-105 July 17, 2008								
		1. WELL API NO. 30-045-34649								
		2. Type of Lease <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN								
		3. State Oil & Gas Lease No E-289-23								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: <input type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input checked="" type="checkbox"/> C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)		5. Lease Name or Unit Agreement Name Northeast Blanco Unit 6. Well Number: 336								
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator: Devon Energy Production Company, L.P.		9. OGRID: 06137								
10. Address of Operator.		11. Pool name or Wildcat:								
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
13. Date Spudded	14. Date T.D. Reached	15. Date Drilling Rig Released 7/16/08		16. Date Completed (Ready to Produce			17. Elevations (DF and RKB, RT, GR, etc.):			
18. Total Measured Depth of Well		19. Plug Back Measured Depth		20. Was Directional Survey Made?			21. Type Electric and Other Logs Run			
22. Producing Interval(s), of this completion - Top, Bottom, Name										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE	WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET		PACKER SET		
26					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
PRODUCTION										
Date First Production		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)					Well Status (<i>Prod. or Shut-in</i>)			
Date of Test	Hours Tested	Choke Size	Prod'n For	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>)							30. Test Witnessed By:			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial										
Latitude 36.86589 Longitude -107.57346 NAD 1927 1983 <input checked="" type="checkbox"/>										
<i>I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief</i>										
Signature 			Printed Name Mike Pippin		Title: Petroleum Engineer		Date: 6/24/09			
E-mail Address: mike@pippinllc.com										

DEVON ENERGY
PIT CLOSURE NEBU #336

Block #24, Box #4

The attached analytical data was taken by Blagg Engineering & analyzed by Envirotech Laboratories and passed all the State criteria.

Block #24, Box #6

All liquids were hauled to one of the following company disposal wells:

Middle Mesa SWD #2	SWD-441
Middle Mesa SWD #1	SWD-365
Simms Mesa SWD #1	SWD-339
Pump Mesa SWD #1	SWD-366

Block #24, Box #7

The liner was removed above "mud level" after stabilization. Pit contents were mixed with clean soil. After solidification and testing, the pit was backfilled with compacted, non-waste containing, soil. The pit was filled with clean excavated dirt and covered with 1 foot of top soil.

Block #24, Box #8

The area where the temporary drilling pit has been buried in place was seeded on 11/08/08 with 80 lbs of BLM seed mix for precipitation less than 10". The total acreage was 4.0 acres. The seed rate was 20 lbs PLS/acre for mechanical and 35 lbs PLS/acre for hand/broadcast and Harrow.



Devon Energy Corporation
20 North Broadway
Oklahoma City, OK 73102-8260

405 552 7917 Phone
www.devonenergy.com

August 20, 2008

IN RE: NEBU 336
API # 30-045-34649
SW SE 1,010' FSL & 1,775' FEL
Sec. 28, T31N, R7W
San Juan County, New Mexico

VIA EMAIL:

Dear Mr. Kelly,

This submittal is pursuant to Rule 19.15.17.13 requiring operators to notify the surface owners of an on-site burial of a temporary pit. Devon Energy Production Company, L.P. is hereby providing written documentation of our intention to close the temporary pit associated with the aforementioned location by means of in place on-site burial.

Please feel free to contact me with any questions or require further information. My contact information is listed below.

Respectfully,

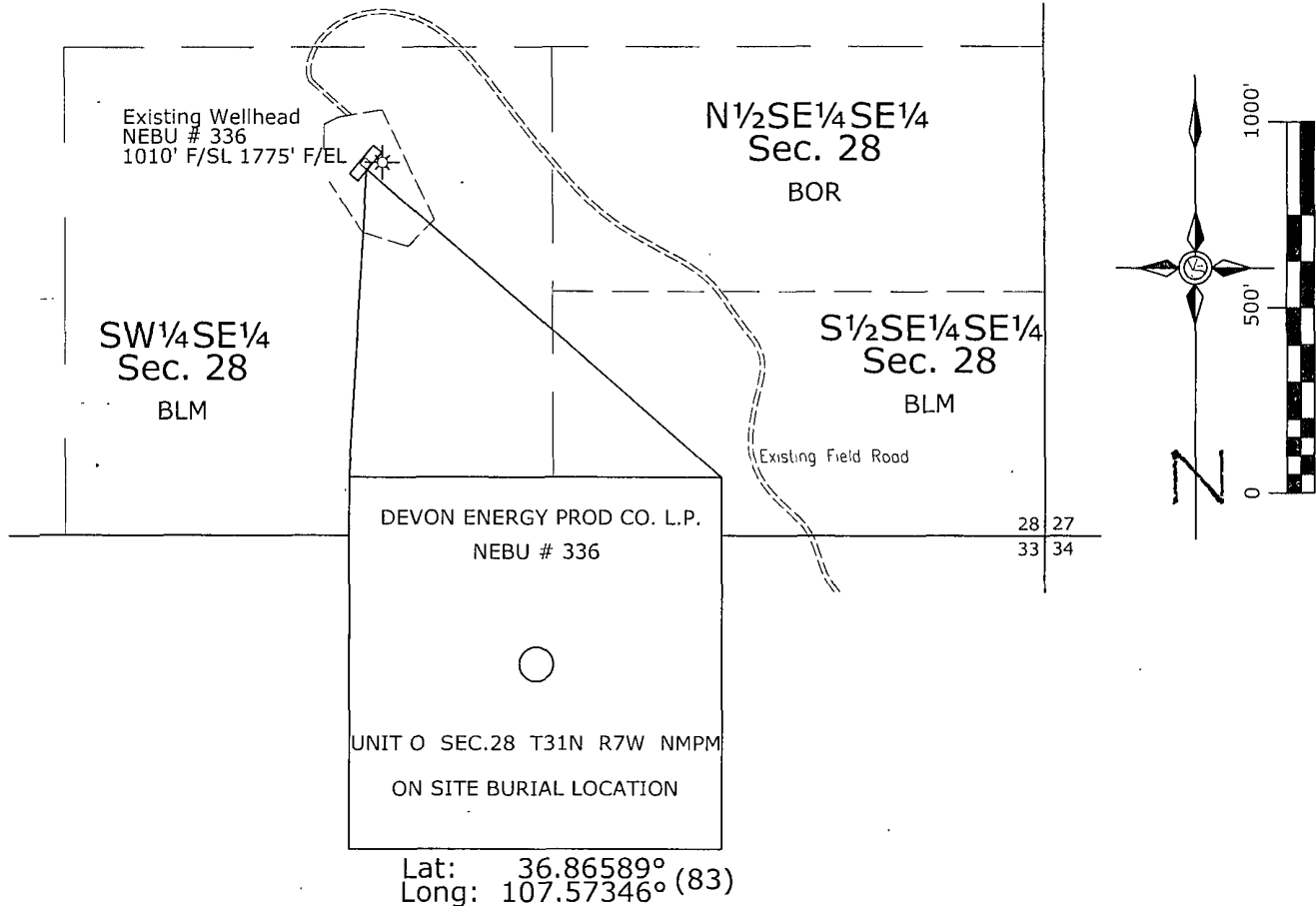
Melisa S. Castro
Devon Energy Production Company, L.P.
Senior Staff Operations Technician
405-323-3184 - Cell.
405-323-1357 - Fax
Melisa.Castro@devonenergy.com

DEVON ENERGY PRODUCTION COMPANY, L.P.

NEBU # 336

Survey Location of Reserve Pit On-Site Burial Marker

Within the SE $\frac{1}{4}$ of Sec.28, T31N, R7W, N.M.P.M.,
San Juan County, New Mexico

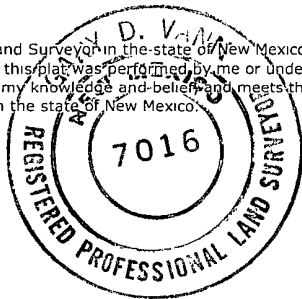


Lat: 36.86589°
Long: 107.57346° (83)

I, Gary D. Vann, a registered professional Land Surveyor in the state of New Mexico, hereby certify that the survey represented on this plat was performed by me or under my supervision, is true and correct to the best of my knowledge and belief, and meets the minimum standards for unclassified surveys in the state of New Mexico.

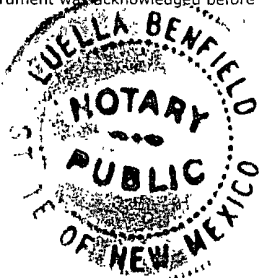
G. D. Vann

Gary D. Vann
Registered P.L.S. # 7016
State of New Mexico



State of New Mexico
County of San Juan

This instrument was acknowledged before me this 3 day of March, 2009 by Gary D. Vann.

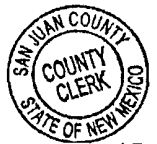


Luella Benfield
Notary Public
State of New Mexico
My Commission Expires 10-25-2010



200902977 03/03/2009 02:30 PM
1 of 1 B1489 P791 R \$9.00

San Juan County, NM DEBBIE HOLMES



LE

DEVON ENERGY PRODUCTION COMPANY, L.P.

Date Surveyed: February 2, 2009	Revision Date:	Scale: 1" = 500'
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Basis of Bearing: GPS Observations
Geodetic Bearing (True North)

VANN SURVEYS
P. O. Box 1306
Farmington, NM 87499

District I
1625 N. French Dr., Hobbs NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
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1220 St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87504-2088

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-34649		2 Pool Code 71599/72319		3 Pool Name Basin Dakota / Blanco Mesa Verde		
4 Property Code 19641		5 Property Name NEBU			6 Well Number # 336	
7 OGRID No. 6137		8 Operator Name Devon Energy Production Company, L.P.			9 Elevation 6394	

10 Surface Location

UL or Lot No. O	Section 28	Township 31 N	Range 7 W	Lot Idn	Feet from the 1010	North/South line SOUTH	Feet from the 1775	East/West line EAST	County SAN JUAN
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11 Bottom Hole Location If Different From Surface

UL or lot no I	Section 28	Township 31 N	Range 7 W	Lot Idn	Feet from the 2518	North/South line SOUTH	Feet from the 782	East/West line EAST	County SAN JUAN
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12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.	RCUD AUG 15 '08 OIL CONS. DIV.
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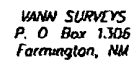
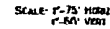
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION **DIST. 3**

	<p>16 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at the location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>[Signature]</i> 8-11-08 Signature Date <i>Alma Castro</i> Printed Name</p>
	<p>17 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>July 30, 2008-as drilled calc. Revised: September 11, 2007 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p><i>[Signature]</i> 7016 Certificate Number</p>

HOLD C104 FOR *Revision Survey* (R) - CLO Record

08/06/2008 1:17PM (GMT-05:00)

Lat: 36.86607°
Long: 107.57341° (83)



08/14/2008 12:13PM (GMT-05:00)

CHAIN OF CUSTODY RECORD

5617

Client: BLAGG / DEVON			Project Name / Location: RESERVE PIT SAMPLING				ANALYSIS / PARAMETERS																																													
Client Address:			Sampler Name: JEFF BLAGG				<table border="1"> <tr> <th>TPH (Method 8015)</th> <th>BTEX (Method 8021)</th> <th>VOC (Method 8260)</th> <th>RCRA 8 Metals</th> <th>Cation / Anion</th> <th>RCI</th> <th>TCLP with H/P</th> <th>PAH</th> <th>TPH (418.1)</th> <th>CHLORIDE</th> <th></th> <th></th> <th></th> <th></th> <th>Sample Cool</th> <th>Sample Intact</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>														TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE					Sample Cool	Sample Intact																
TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P															PAH	TPH (418.1)	CHLORIDE					Sample Cool	Sample Intact																							
Client Phone No.:			Client No.: 94034-010																																																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl ₂ HCl	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE					Sample Cool	Sample Intact																														
NEBU 336 5-pt comp.	10/22/08	1520	47871	Soil Solid	Sludge Aqueous	1-402										X	X					✓	✓																													
				Soil Solid	Sludge Aqueous																																															
NEBU 255H 5-pt comp.	"	1620	47872	Soil Solid	Sludge Aqueous	1-402										X	X					✓	✓																													
				Soil Solid	Sludge Aqueous																																															
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				Soil Solid	Sludge Aqueous																																															
Relinquished by: (Signature) <i>Jeff Blagg</i>						Date 10/24/08	Time 1103	Received by: (Signature) <i>[Signature]</i>						Date 10/24/08	Time 1103																																					
Relinquished by: (Signature)								Received by: (Signature)																																												
Relinquished by: (Signature)								Received by: (Signature)																																												

ENVIROTECH INC.

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg/Devon	Project #:	94034-0010
Sample ID:	NEBU 336 5-pt Comp	Date Reported:	10-28-08
Laboratory Number:	47871	Date Sampled:	10-22-08
Chain of Custody No.:	5617	Date Received:	10-24-08
Sample Matrix:	Soil	Date Extracted:	10-24-08
Preservative:	Cool	Date Analyzed:	10-27-08
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)	16.9	0.1
Total Petroleum Hydrocarbons	16.9	0.2

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: **Reserve Pit Sampling**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg/Devon	Project #:	94034-0010
Sample ID:	NEBU 336 5-pt Comp.	Date Reported:	10-28-08
Laboratory Number:	47871	Date Sampled:	10-22-08
Chain of Custody:	5617	Date Received:	10-24-08
Sample Matrix:	Soil	Date Analyzed:	10-27-08
Preservative:	Cool	Date Extracted:	10-24-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	8.9	1.0
Ethylbenzene	1.4	1.0
p,m-Xylene	22.6	1.2
o-Xylene	5.3	0.9
Total BTEX	38.2	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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: Reserve Pit Sampling

Analyst



Review



Client:	Blagg/Devon	Project #:	94034-0010
Sample ID:	NEBU 336 5-pt Comp	Date Reported:	10-27-08
Laboratory Number:	47871	Date Sampled:	10-22-08
Chain of Custody No:	5617	Date Received:	10-24-08
Sample Matrix:	Soil	Date Extracted:	10-24-08
Preservative:	Cool	Date Analyzed:	10-24-08
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	583	5.0

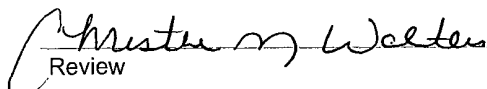
ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Reserve Pit Sampling.**



Analyst



Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg/Devon	Project #:	94034-0010
Sample ID:	NEBU 336 5-pt Comp	Date Reported:	10-28-08
Lab ID#:	47871	Date Sampled:	10-22-08
Sample Matrix:	Soil	Date Received:	10-24-08
Preservative:	Cool	Date Analyzed:	10-28-08
Condition:	Intact	Chain of Custody:	5617

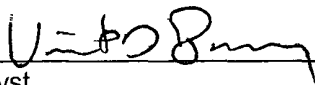
Parameter	Concentration (mg/Kg)
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Total Chloride

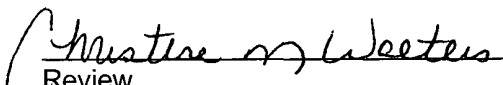
130

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: **Reserve Pit Sampling.**



Analyst



Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW.

EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-27-08 QA/QC	Date Reported:	10-28-08
Laboratory Number	47823	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-27-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0052E+003	1.0056E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0180E+003	1.0184E+003	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	0.2

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	5.0	5.0	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	5.0	250	258	101%	75 - 125%

ND - Parameter not detected at the stated detection limit.

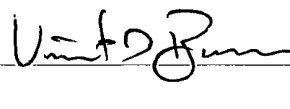
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 47823, 47824, 47826, 47827, 47829, 47871, 47872, and 47875.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #	N/A
Sample ID:	10-27-BT QA/QC	Date Reported	10-28-08
Laboratory Number	47823	Date Sampled	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed	10-27-08
Condition:	N/A	Analysis	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept Range	0 - 15%		
Benzene	4.8470E+007	4.8567E+007	0.2%	ND	0.1
Toluene	3.7856E+007	3.7932E+007	0.2%	ND	0.1
Ethylbenzene	2.8462E+007	2.8519E+007	0.2%	ND	0.1
p,m-Xylene	6.0758E+007	6.0880E+007	0.2%	ND	0.1
o-Xylene	2.7502E+007	2.7557E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	5.4	5.6	3.7%	0 - 30%	0.9
Toluene	34.5	34.7	0.6%	0 - 30%	1.0
Ethylbenzene	5.6	5.5	1.8%	0 - 30%	1.0
p,m-Xylene	37.6	39.5	5.1%	0 - 30%	1.2
o-Xylene	10.2	10.0	2.0%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	5.4	50.0	54.4	98.2%	39 - 150
Toluene	34.5	50.0	79.4	94.0%	46 - 148
Ethylbenzene	5.6	50.0	53.6	96.4%	32 - 160
p,m-Xylene	37.6	100	130	94.1%	46 - 148
o-Xylene	10.2	50.0	57.2	95.0%	46 - 148

ND - Parameter not detected at the stated detection limit

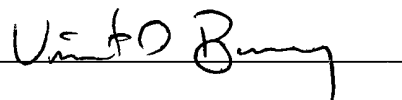
References Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996

Comments: QA/QC for Samples 47823, 47824, 47826, 47827, 47829, 47867, 47868, 47871, 47872, and 47875.

Analyst



Review



ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	10-27-08
Laboratory Number:	10-24-TPH.QA/QC 47823	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	10-24-08
Preservative:	N/A	Date Extracted:	10-24-08
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
	10-06-08	10-24-08	1,770	1,770	0.0%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	19.8

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range
TPH	99.2	70.9	28.5%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	99.2	2,000	2,060	98.1%	80 - 120%

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: QA/QC for Samples 47823, 47824, 47826, 47827, 47829, 47830, 47871, 47872, 47867 and 47868.

Analyst

Review

WELL SITE DOCUMENTATION

Company Name: DEVON ENERGY Well Name: NEBU 336

Legal Description: Section 28 TWNSHP 30N Range 7W

County: San Juan State: NM

Area Seeded: (See Attached Digital Photos) Dates of Seeding: 11/08/2008

Seed Mix: Southwest Colorado Seed less than 10 BLM NM/CO Certified Mix

NOTE: Application rate is based upon pure live seed (PLS). BLM certified seed is delivered from Dolores, Colorado in 20 lb. sacks. **100% PLS PER BAG**. Included in the cost to customer per acre is \$6.40 per PLS pound. BLM recommended seeding rate for mechanical application is 13.25 LBS PLS per acre and 26.50 LBS per acre for broadcast application. ***Based upon BLM application rate chart dated May 5, 2006***

Seed Rate: Mechanical:	<u>20.00 lbs PLS/acre</u>
Hand/Broadcast and Harrow:	<u>35.00 lbs PLS/acre</u>

***Based upon BLM application rate chart**

Note: An additional two acre charge for rocky and steep grade/topsoil conditions.

Broadcast and harrow application: Acreage: Total: 4.0 Acres

Total Acreage Seeded:

Mechanical + Hand/Broadcast Harrow Application TOTAL: 4 Acres 80 Lbs

Seeding Process: 2006 John Deere 5205 MFW 56 HP Tractor
2004 Great Plains No-Till Drill Model 605 NT
2006 Land Pride Broadcast
2006 8 ft. Harrow

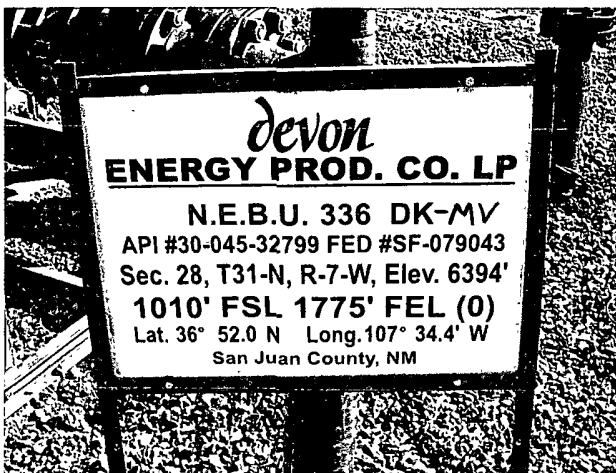
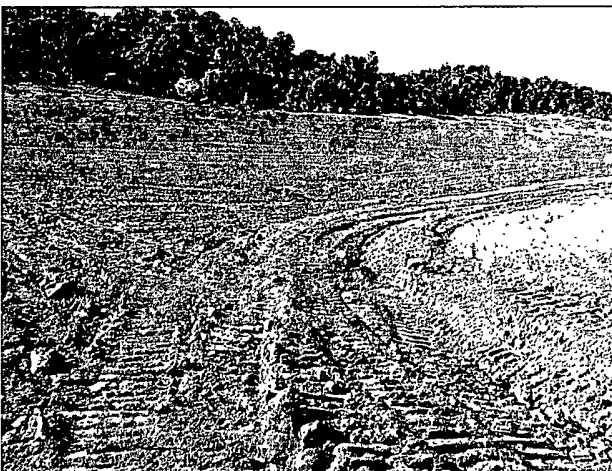
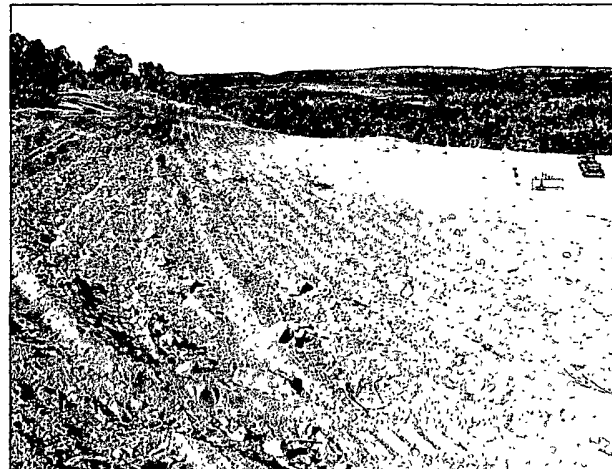
Topography: Soft and dry Clay type top soil conditions with some evidence of small to medium sized rock along with clods. Some tree debris. Steep and rocky slope conditions one side of location. Too much rock and steep slope conditions for no-till drill application. Utilized broadcast and harrow method.

Comments: A separate invoice will be created for the following services rendered:

- Operator Hourly Rate: \$35.00 X 8.5 = \$297.50
- Tractor Hourly Rate: \$75.00 X 4.5 = \$337.50
- Fuel/Milage Surcharge: \$2.00 X 156 Miles = \$312.00
- Seeding Cost: \$600.00 Per Acre X 4.0 acres = \$2,400.00
- **NOTE: Cost includes the use of seeders and seed cost per acre.**
- **Total Invoice Cost: \$3,347.00**

NOTE: There is a minimum charge of \$600.00 per acre for each well site.

ST Seeding and Tractor P.O. Box 551 Bloomfield, NM 87413 Ph: 505.793.0364



DEVON ENERGY PROD. CO. L.P.

N.E.B.U. 336

UNIT @ SEC. 28-T31N87W R4E4M

ON SITE BURIAL LOCATION

devon
ENERGY PROD. CO. LP

N.E.B.U. 336 DK-MV

API #30-045-32799 FED #SF-079043

Sec. 28, T31-N, R-7-W, Elev. 6394'

1010' FSL 1775' FEL (0)

Lat. 36° 52.0 N Long. 107° 34.4' W

San Juan County, NM

DEVON ENERGY PRODUCTION COMPANY, L.P.

Mike Pippin

3104 N. Sullivan Avenue

Farmington, NM 87401

505-327-4573 (phone) mike@pippinllc.com

October 27, 2011

NMOCD

c/o Jonathan Kelly

1000 Rio Brazos Rd.

Aztec, NM 87410

RE: Pit Closure Packages from 2008 and 2009, Form C-144
Northeast Blanco Unit


Dear Mr. Kelly,

I have reviewed the list of Northeast Blanco Unit wells you sent me on 10/26/11. As you indicated, many of the pit closure packages from 2008 and 2009 on these wells did not include proof that notice was given to the NMOCD within one week of the drilling pit closure, nor did they include proof of the pit inspections. Although we believe that both the notices and the pit inspections occurred, this was an oversight that the proof was not included in the pit closure packages. Unfortunately, this data is no longer available.

In the future, Devon will include proof of drilling pit closure notice and pit inspection logs in all drilling pit closure packages.

Please contact me at 505-327-4573 should you have any questions.

Very truly yours,



Mike Pippin PE
Petroleum Engineer

RCVD OCT 31 11

OIL COMS. DIV.

07513