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

Alternative Method:

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

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

Part of Devon Clean-up Program District Office.
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 <u>liability</u> 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.
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 #421A
API Number: <u>30-045-34610</u> OCD Permit Number:
U/L or Qtr/Qtr O Section 33 Township 31-N Range 07-W County: San Juan
Center of Proposed Design: Latitude 36.865096 Longitude -107.57435 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
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
Type of Operation:   P&A   Driffing a new well   Workover of Driffing (Applies to activities which require prior approval of a permit of notice of intent)   Drying Pad   Above Ground Steel Tanks   Haul-off Bins   Other   Lined   Unlined   Liner type: Thickness   mil   LLDPE   HDPE   PVC   Other   RECEIVED   RECEIVED   RECEIVED   Applies to activities which require prior approval of a permit of notice of intent)
(4   N FINN 2009 0)
Below-grade tank: Subsection I of 19.15.17.11 NMAC  OIL CONS. DIV. DIST. 3
Volume:bbl Type of fluid:
Below-grade tank: Subsection I of 19.15.17.11 NMAC  Volume:
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: Thicknessmil

Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

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								
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)								
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								
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.								
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	☐ Yes ☐ 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	☐ Yes ☐ 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	☐ Yes ☐ No ☐ 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)	☐ Yes ☐ No ☐ NA							
<ul> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> <li>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.</li> <li>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>	☐ 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							

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.
<ul> <li>☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC</li> <li>☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC</li> <li>☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC</li> <li>☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC</li> </ul>
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)
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 <sub>2</sub> S, 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
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
<ul> <li>☐ Waste Removal (Closed-loop systems only)</li> <li>☐ On-site Closure Method (Only for temporary pits and closed-loop systems)</li> </ul>
☐ 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

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMA Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more to								
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 G of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC								
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 may provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district of considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justification demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	ffice or may be							
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							
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. Plan   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 19.15.17.13 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 a   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 G of 19.15.17.13 NMAC   Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	II NMAC							

7 ......

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:
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)  OCD Representative Signature: Approval Date: 1/01/201  Title: OCD Permit Number:
Closure Report (required within 60 days of closure completion): Subsection K of 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: 10/8/08
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.
23. Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more that two facilities were utilized.
Disposal Facility Name: Disposal Facility Permit Number:
Disposal Facility Name: Disposal Facility Permit Number:
Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?  Yes (If yes, please demonstrate compliance to the items below) No
Required for impacted areas which will not be used for future service and operations:  Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique
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)  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 N36.85096 Longitude W-107.57435 NAD: 1927 1983
25.
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): Mike Pippin Title: Petroleum Engineer
Signature: Date: June 23, 2009
e-mail address: mike@pippinllc.com Telephone: 505-327-4573

# DEVON ENERGY PIT CLOSURE NEBU #421A

# 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 10/18/08 with 35 lbs of BLM seed mix for precipitation less than 10". The total acreage was 2.0 acres. The seed rate was 20 lbs PLS/acre for mechanical and 35 lbs PLS/acre for hand/broadcast and Harrow.

Two Copies	Submit To Appropriate District Office Two Copies District I  State of New Mexico Energy, Minerals and Natural Resources									Form C-105 July 17, 2008								
1625 N. French Dr. District II	,									1. WELL API NO. 30-045-34610								
District III					l Conservat					2. Type of Lo	ease	·····						
1000 Rio Brazos Re District IV 1220 S St. Francis					20 South S Santa Fe, N			νr.		☐ STATE ☐ FEE ☐ FED/INDIAN  3. State Oil & Gas Lease No								
			RECC		ETION RE			LOG										
4. Reason for fill				/// <u>L</u>			,			Lease Name or Unit Agreement Name								
☐ COMPLETE											Northeast Blanco Unit 6. Well Number: 421A							
#33; attach this a	☑ 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)																	
7. Type of Completion:  ☑ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER																		
8. Name of Operator: Devon Energy Production Company, L.P.										9. OGRID: 0	6137							
10. Address of O	perator			·····						11 Pool name	or W	ildcat:						
12.Location	Unit Ltr	Section	Towns	hin	Range	Lot		Feet from	the	N/S Line	Eggt	from the	E/W L	ina	County			
12.Location	Ont Lu	Section	TOWIIS	mp	Kange	LOI	·	rect nom	uic	N/3 Lille	rcci	HOM the	E/W L	ine	County			
											<u> </u>		<del> </del>					
13. Date Spudded	1 14. Date	T.D. Reached	15. E		lling Rig Release	ed	16.	Date Comp	oletec	d (Ready to Proc	luce		7. Elevati T, GR, e		and RKB,			
18. Total Measur	ed Depth of V	Well	19 P	lug Bac	k Measured Dep	oth	20.	Was Direc	tiona	al Survey Made	?				her Logs Run			
22. Producing Int	22. Producing Interval(s), of this completion - Top, Bottom, Name																	
23.				CAS	ING REC	ORI	(Rep	ort all st	rin	gs set in w	ell)							
CASING SI	ZE	WEIGHT LI			DEPTH SET			LE SIZE		CEMENTIN		CORD	AM	10UNT	PULLED			
						-				-		-						
					· · · · · · · · · · · · · · · · · · ·					-			····					
24.				LIN	ER RECORD				25			NG REC						
SIZE	TOP	E	ОТТОМ		SACKS CEM	ENT	SCREE	<u> </u>	SIZ	ZE	DE	EPTH SET	Γ	PACKI	ER SET			
26.							27. AC	ID, SHOT	, FR	ACTURE, CE	MEN	IT, SQU	EEZE, I	ETC.				
							DEPTH	INTERVAI	ر	AMOUNT A	ND K	IND MA	TERIAL	USED				
													-,	************				
		<del>- 15.</del>		1.001			DUCT			Two na	<u></u>							
Date First Produc	ction	Prod	action Meti	nod (Fla	owing, gas lift, p	umpin	g - Size ai	nd type pum	(p)	Well Status	(Proc	d. or Shut	-in)					
Date of Test	Hours Tes	sted	Choke Size		Prod'n For		Oil - Bb		Ga	s - MCF	W	ater - Bbl.		Gas - C	Dil Ratio			
Flow Tubing Press.	Casing Pr		Calculated 2 Lour Rate	24-	Oil - Bbl.	•	Gas	- MCF		Water - Bbl.	<u>,                                     </u>	Oil Gra	vity - Al	Pl - (Cort	r.)			
29. Disposition o	f Gas (Sold, u	ised for fuel,	ented, etc.,	,	<u> </u>						30. 1	est Witne	essed By	:				
	31. List Attachments																	
32. If a temporary	•	•	•			-	<b>J</b> 1											
33. If an on-site b	urial was use	d at the well,	report the e	exact loc	cation of the on- Latitude		rial: 6.85096			Longitude	-1	07.57435	]	NAD 192	27 1983 🛛			
I hereby certif	fy that the i	information	shown o					and comp	lete									
Signature	MAR	oteppe	'n			e Pip	pin	Title:	Peti	roleum Engir	eer	Date	e: 6/23	/09				
E-mail Address: mike@pippinllc.com																		

# Castro, Melisa

From:

Castro, Melisa

Sent:

Subject:

Wednesday, August 13, 2008 12:07 PM

To:

M Dombrowski - BOR SC

. . .

NEBU 421A Temproary Pit Closure Notification

Attachments: Pit Closure Plan.doc

Devon Energy Corporation 20 North Broadway Oklahoma City, OK 73102-8260 405 552 7917 Phone www.devonenergy.com

August 13, 2008

IN RE: NEBU 421A API # 30-045-34610

SW SE 830' FSL & 2,105' FEL

Sec. 33, T31N, R7W

San Juan County, New Mexico

VIA EMAIL:

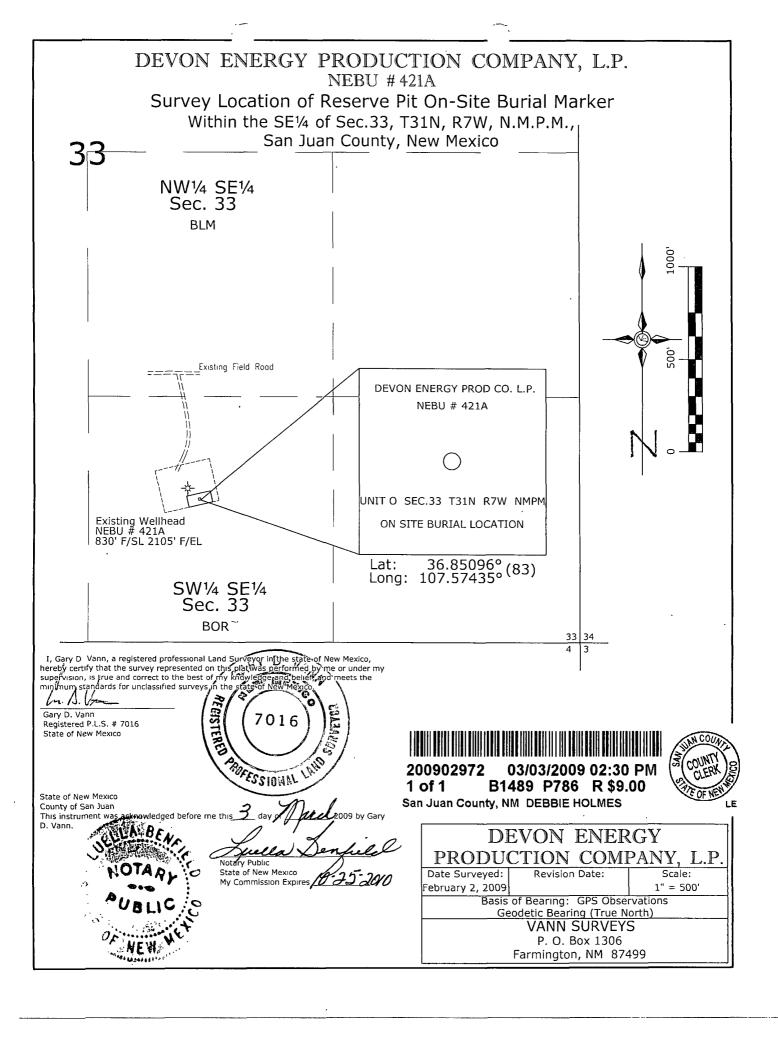
Dear Mr. Dombrowski,

This submittal is pursuant to Rule 19.15.17.13 requiring operators to notify the surface owners of an onsite burial of a temporary pit. Devon Energy Production Company, L.P. is herby 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@dvn.com



District I 1625 N. French Dr., Hobbs NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 87210 District III 1000 Rio Brozos Rd., Aziec, NM 87410

1220 St. Francis Dr., Sania Fc. NM 87505

District (V

State of New Mexico Encigy, 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

API Number	1 Pool Code	<sup>1</sup> Pool Nar	nc			
30-045-346	10 71429	Bonn Fautland Coa	/			
Property Code		Property Name	4 Well Number			
19641	NEBU		# 421A			
OGRID No.		* Operator Name	* Elevation			
6/37	Devon Energy Production Company, L.P.					

10 Surface Location

UL or Lot No.	Section	Township	Ronge	Lus lub	Feet from the	North/South line	Feet from the	Bast/West line	County
0	33	31 N	7 W		830	SOUTH	2105	EAST	SAN JUAN

"Bottom Hole Location If Different From Surface

' UL or ini no.	Section	Township	Range	Lot Ida	Peet from the	North/South line	Feet from the	Enst/West line	County
B (Lot 6)	4	30 N	7 W		760	NORTH	2050	EAST	SAN JUAN
"Dedicated Acres "Joint or Infill "Consolidation Code "Order No  RCUD AUG 15'08								UG 15'08	
72-317.54									NS. DIV

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVINO THE DI "OPERATOR CERTIFICATION 2105 Lot 7 Lot 8 Lat 5 Bottom Hole Location
760 F/NL 2050 F/EL (AS DRILLED)
Calculation based upon INWELL
( as drilled survey ), June 23, 2008 18 SURVEYOR CERTIFICATION
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 bellet

July 30,2008-as drilled calc.

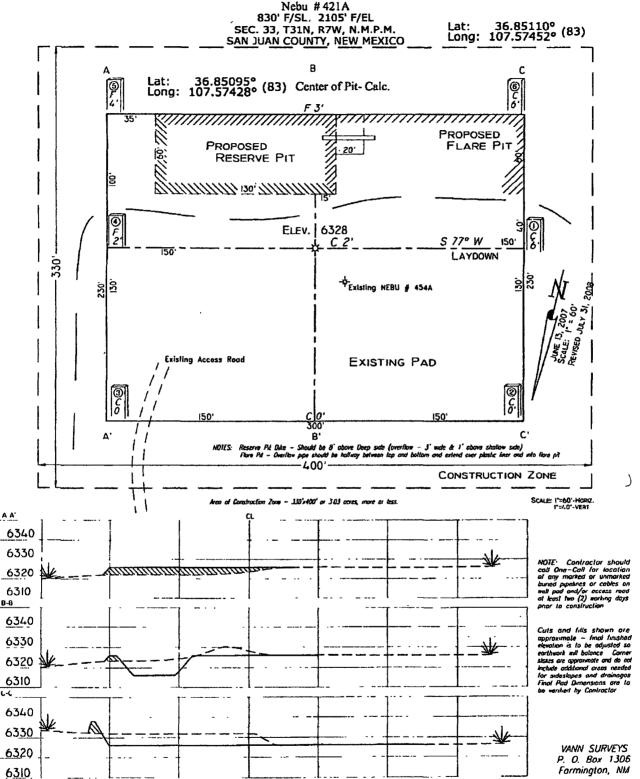
June 13, 2007 Signature and Seal of Professional Surveyor D. VANNA 7016 Certificate Nur

07/30/2008 3:36PM (GMT-05:00)

86

(R) - GLO Record

### PAD LAYOUT PLAN & PROFILE DEVON ENERGY PRODUCTION COMPANY, L.P.



08/05/2008 6:29AM (GMT-05:00)

# **CHAIN OF CUSTODY RECORD**

Client: Project Name / Location:													ANAI`	YSIS.	/ PAR	AMET	ΓERS						
BLAGG DI	EVON		RESERVE	Pit	SAM	PLING																	
Client Address:		S	RESERVE sampler Name:  JEFF Edient No.:		ą					5)	21)	(00											
		7	Jeff 6	<u>SUAG</u>	ک					TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	SI	_		ட							
Client Phone No.:		C								hod	etho	pou	RCRA 8 Metals	Cation / Anion		TCLP with H/P		<u>=</u>	Щ			8	Sample Intact
			94034	(-0	(0					Met	Ĭ)	Met	8 1	۸/۲		₩		TPH (418.1)	CHLORIDE			Sample Cool	<u>e</u>
Sample No./	Sample	Sample	Lab No.	1	mple	No./Volume of		$\overline{}$	tive	) H	IEX	20	CR/	atio	낊	단	PAH	품	물			amb	amb
Identification	Date	Time			atrix	Containers	HgCl <sub>z</sub>	HCI		<u></u>	В	>_	ď	Ö	ď	F	2	F	ਠ			ιχ	Ö
NEBU 252H 5-PE COMP.	9/24/00	1200	47482	Solid Solid	Sludge Aqueous	1-402				X	×							X	×			<b>/</b>	
NEBU 421A S-Pt comp.	į (		47483	Soil Solid	Sludge Aqueous	1(				メ	×							×	×			<b>✓</b>	<b>V</b>
NEBU 336 5-PE COMP	10	1335	47484	Soil Solid	Sludge Aqueous	EL.				بز	×							×	×			1	✓
NEBU 19N 5-Pt COUD	9/25/	11/20	47484	Solid)	Sludge Aqueous	ŧσ				بد	×							· ×	بد			<b>√</b>	
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Relinquished by: (Signa	ature)						F	Rece	eive	d by:	(Signa	ature)	)										
															-								

# ENVIROTECH INC.

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



# EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg/Devon	Project #:	94034-0010
Sample ID:	NEBU 421A 5-pt Comp	Date Reported:	10-02-08
Laboratory Number:	47483	Date Sampled:	09-24-08
Chain of Custody No:	5403	Date Received:	09-26-08
Sample Matrix:	Soil	Date Extracted:	09-30-08
Preservative:	Cool	Date Analyzed:	10-01-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	20.7	0.2
Diesel Range (C10 - C28)	112	0.1
Total Petroleum Hydrocarbons	133	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

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# EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg/Devon	Project #:	94034-0010
Sample ID:	NEBU 421A 5-pt Comp	Date Reported:	10-02-08
Laboratory Number:	47483	Date Sampled:	09-24-08
Chain of Custody:	5403	Date Received:	09-26-08
Sample Matrix:	Soil	Date Analyzed:	10-01-08
Preservative:	Cool	Date Extracted:	09-30-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	10.9	0.9
Toluene	23.1	1.0
Ethylbenzene	5.7	1.0
p,m-Xylene	19.9	1.2
o-Xylene	19.8	0.9
Total BTEX	79.4	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

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

Mutu Maeters
Review



# EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Mustum Weeters

Client:	Blagg/Devon	Project #:	94034-0010
Sample ID:	NEBU 421A 5-pt Comp.	Date Reported:	10-03-08
Laboratory Number:	47483	Date Sampled:	09-24-08
Chain of Custody No:	5403	Date Received:	09-26-08
Sample Matrix:	Soil	Date Extracted:	10-01-08
Preservative:	Cool	Date Analyzed:	10-01-08
Condition:	Intact	Analysis Needed:	TPH-418.1

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

**Total Petroleum Hydrocarbons** 

1,360

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:

**Drilling Pit Sample.** 

Analyst



## Chloride

Blagg/Devon Client: Project #: 94034-0010 Sample ID: NEBU 421A 5-pt Comp. Date Reported: 10-03-08 Lab ID#: 47483 Date Sampled: 09-24-08 Date Received: Sample Matrix: Soil 09-26-08 Date Analyzed: 10-01-08 Preservative: Cool Condition: Intact Chain of Custody: 5403

Parameter Concentration (mg/Kg)

Total Chloride 105

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.

nalyst / Musturn Weeler Review



# EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

# **Quality Assurance Report**

Client:	QA/QC	Project #:	N/A
Sample ID:	10-01-08 QA/QC	Date Reported:	10-02-08
Laboratory Number:	47438	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-01-08
Condition:	N/A	Analysis Requested:	TPH

and specific and some state of the state of	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept Range
Gasoline Range C5 - C10	05-07-07	9.9379E+002	9.9419E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0142E+003	1.0146E+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	20.2	20.1	0.5%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept, Range
Gasoline Range C5 - C10	ND	250	243	97.2%	75 - 125%
Diesel Range C10 - C28	20.2	250	265	98.1%	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 47438 - 47440, 47452, 47463, 47464, 47482 - 47485.

Analyst



# EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-01-BT QA/QC	Date Reported:	10-02-08
Laboratory Number:	47438	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-01-08
Condition:	N/A	Analysis:	BTEX

Galibration and Detection Limits (ug/L)	, I-Cal RF:	C-Cal RF: Accept, Rang	%Diff. pe 0 - 15%	Blank Conc	Detect. Limit
Benzene	5.8427E+007	5.8544E+007	0.2%	ND	0.1
Toluene	4.4817E+007	4.4907E+007	0.2%	· ND	0.1
Ethylbenzene	3.6066E+007	3.6138E+007	0.2%	ND ·	0.1
p,m-Xylene	7.6424E+007	7.6577E+007	0.2%	ND	0.1
o-Xylene	3.5645E+007	3.5716E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg) Sample Duplicate - %Diff. Accept Range Detect. Limit								
Benzene	12.3	12.4	0.8%	0 - 30%	0.9			
Toluene	15.2	. 15.1	0.7%	0 - 30%	1.0			
Ethylbenzene	8.8	8.9	1.1%	0 - 30%	1.0			
p,m-Xylene	21.4	21.7	1.4%	0 - 30%	1.2			
o-Xylene	9.7	9.9	2.1%	0 - 30%	0.9			

Splke Conc. (ug/Kg)	Sample Amo	unt Spiked Spik	ed Sample	% Recovery	Accept Range
Benzene	12.3	50.0	61.3	98.4%	39 - 150
Toluene	15.2	50.0	59.2	90.8%	46 - 148
Ethylbenzene	8.8	50.0	55.8	94.9%	32 - 160
p,m-Xylene	21.4	100	118	97.5%	46 - 148
o-Xylene	9.7	50.0	57.7	96.6%	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 47438 - 47440, 47452, 47463, 47464, 47482 - 47485.

Analyst



# EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client: QA/QC Project #: N/A Sample ID: **QA/QC** Date Reported: 10-03-08 Laboratory Number: 10-01-TPH.QA/QC 47452 Date Sampled: N/A Sample Matrix: Freon-113 Date Analyzed: 10-01-08 Preservative: N/A Date Extracted: 10-01-08 Condition: N/A Analysis Needed: TPH

 Calibration
 I+Cal Date
 C-Cal Date
 I-Cal RF
 C-Cal RF
 % Difference
 Accept Range

 09-18-08
 10-01-08
 1,660
 1,590
 4.2%
 +/- 10%

Blank Conc. (mg/Kg)

Concentration

Detection Limit

ND

12.6

Duplicate Conc. (mg/Kg)

Sample

Duplicate

\*\*Difference Accept. Range

TPH

33.2

30.6

7.8%

+/- 30%

Spike Conc. (mg/Kg) Sample Spike Added Spike Result % Recovery Accept Range TPH 33.2 2,000 2,330 115% 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 47452, 47463, 47464 and 47482 - 47485.

Analyst Mustrum Wc. Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615 • Fax 505-632-1865

### **WELL SITE DOCUMENTATION**

Company Name: DEVON ENERGY Well Name: NEBU 421A

Legal Description: Section 33 TWNSHP 31N Range 7W

County: San Juan State: NM

Area Seeded: (See Attached Digital Photos) Dates of Seeding: 10/18/2008

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:

20.00 lbs PLS/acre

Hand/Broadcast and Harrow:

35.00 lbs PLS/acre

\*Based upon BLM application rate chart

Note: An additional one acre charge for rocky topsoil conditions.

Hand/Broadcast Harrow Application Acreage:

Total: 2.0 Acres

**Total Acreage Seeded:** 

Mechanical + Hand/Broadcast Harrow Application TOTAL: 2 Acres 35 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: Clay, clod, and very rocky top soil conditions. Some slope conditions on two sides of location. Pre harrowed area followed by broadcast application.

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

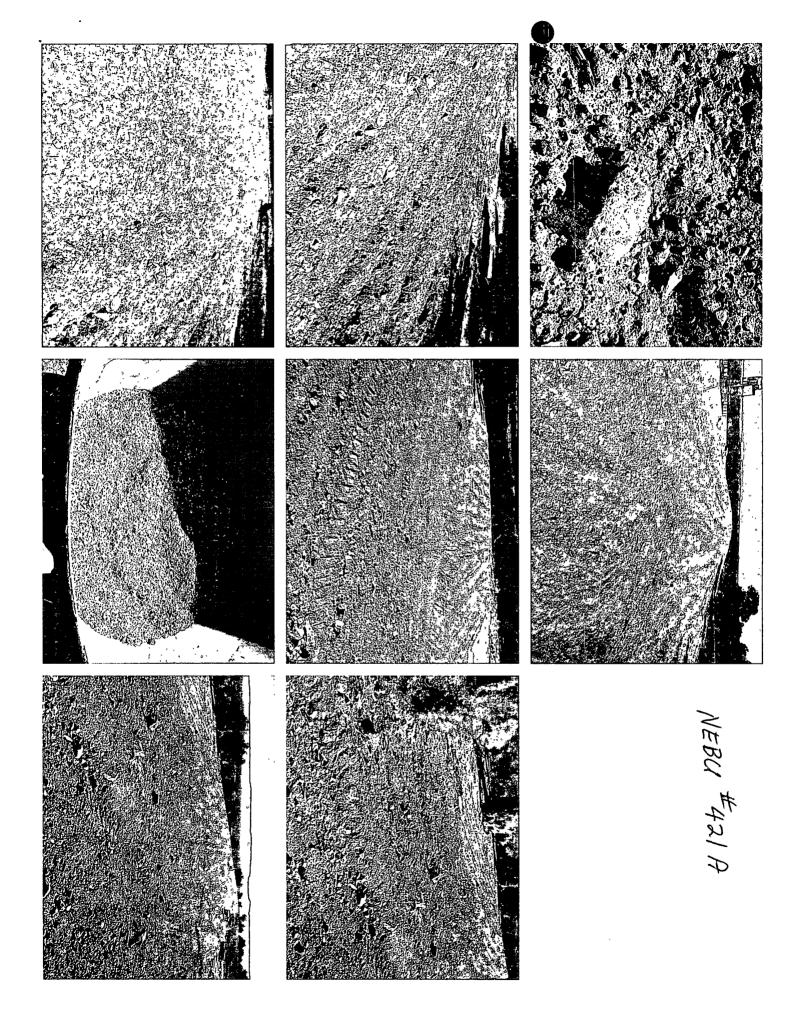
•	Operator Hourly Rate:	\$35.00 X 8 =	\$280.00
•	Tractor Hourly Rate:	\$75.00 X 3 =	\$225.00
•	Fuel/Milage Surcharge:	\$2.00 X 156 Miles =	\$312.00
•	Seeding Cost:	\$600.00 Per Acre X 2.0 acres =	\$1,200.00

• NOTE: Cost includes the use of seeders and seed cost per acre.

• Total Invoice Cost: \$2,017.00

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 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

BIL COMS. DEV.

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