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

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 provide a copy to the appropriate NMOCD District Office.

rada Tank or

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 ordinance.					
1.           Operator:McElvain Oil & Gas Properties, Inc					
Address:1050 17 <sup>th</sup> Street , Suite 1800, Denver, CO 80265					
Facility or well name: _SOUTHERN UNION 1					
API Number:30-045-08854OCD Pennit Number:					
U/L or Qtr/Qtr _B Section3 Township29N Range13W County:SAN JUAN					
Center of Proposed Design: Latitude36 45.591 N Longitude108 11.353 W NAD: ☐ 1927 ☑ 1983					
Surface Owner:  Federal State Private Tribal Trust or Indian Allotment					
Pit: Subsection F or G of 19.15.17.11 NMAC  Temporary: Drilling Workover  Permanent Emergency Cavitation P&A  Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other					
☐ String-Reinforced					
Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D					
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: Thicknessmil LLDPE HDPE PVC Other Liner Seams: Welded Factory Other Other					
4. SEP 2000 C					
4.   ■ Below-grade tank: Subsection I of 19.15.17.11 NMAC  Volume:210					
Tank Construction material:Steel					
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off					
<del>-</del> \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					
☐ Visible sidewalls and liner ☑ Visible sidewalls only ☐ Other					

must of an experience used is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of a

· · · · · · · · · · · · · · · · · · ·	
Féncing: 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, institution or church)  Four foot height, four strands of barbed wire evenly spaced between one and four feet  Alternate. Please specify	hospital,
7.  Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)  Screen Netting OtherClosed Top  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 consideration of approval.  Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	office for
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 accept material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the approoffice or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of a Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to dry above-grade tanks associated with a closed-loop system.	priate district pproval.
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 ☑ N
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 ☑ N
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 N
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 ☐ N 図 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 🖾 N
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 ☑ Ñ
Within 500 feet of a wetland.  - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ⊠ N
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes 🖾 N
Within an unstable area.  - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☑ N
Within a 100-year floodplain FEMA map	☐ Yes 🖾 Þ

•
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:
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 NMA 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 19.15.17.19 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  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 G of 19.15.17.13 NMAC

Instructions: Please indentify the facility or facilities for the facilities are required.	ilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.De disposal of liquids, drilling fluids and drill cuttings. Use attachment if r	nore than two		
Disposal Facility Name:				
Disposal Facility Name: Disposal Facility Permit Number:				
Will any of the proposed closed-loop system operations and a  Yes (If yes, please provide the information below)	ssociated activities occur on or in areas that will not be used for future service.	vice and operation		
Required for impacted areas which will not be used for future  Soil Backfill and Cover Design Specifications based Re-vegetation Plan - based upon the appropriate require Site Reclamation Plan - based upon the appropriate require	I upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC ements of Subsection I of 19.15.17.13 NMAC	С		
provided below. Requests regarding changes to certain sitin	of compliance in the closure plan. Recommendations of acceptable sour g criteria may require administrative approval from the appropriate dist ta Fe Environmental Bureau office for consideration of approval. Justi	rict office or may		
Ground water is less than 50 feet below the bottom of the bur - NM Office of the State Engineer - iWATERS database		☐ Yes ☐ No ☐ NA		
Ground water is between 50 and 100 feet below the bottom of NM Office of the State Engineer - iWATERS database		☐ Yes ☐ No ☐ NA		
Ground water is more than 100 feet below the bottom of the base - NM Office of the State Engineer - iWATERS database		Yes No		
Within 300 feet of a continuously flowing watercourse, or 20 lake (measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of	O feet of any other significant watercourse or lakebed, sinkhole, or playa The proposed site	☐ Yes ☐ No		
Within 300 feet from a permanent residence, school, hospital - Visual inspection (certification) of the proposed site;	institution, or church in existence at the time of initial application.  Aerial photo; Satellite image	☐ Yes ☐ No		
watering purposes, or within 1000 horizontal feet of any othe	well or spring that less than five households use for domestic or stock r fresh water well or spring, in existence at the time of initial application. se; Visual inspection (certification) of the proposed site	Yes No		
adopted pursuant to NMSA 1978, Section 3-27-3, as amended	I municipal fresh water well field covered under a municipal ordinance i. bality; Written approval obtained from the municipality	Yes No		
Within 500 feet of a wetland US Fish and Wildlife Wetland Identification map; To	pographic 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; N Society; Topographic map	M Bureau of Geology & Mineral Resources; USGS; NM Geological	☐ Yes ☐ No		
Within a 100-year floodplain FEMA map		☐ Yes ☐ No		
by a check mark in the box, that the documents are attached  Siting Criteria Compliance Demonstrations - based up  Proof of Surface Owner Notice - based upon the appro  Construction/Design Plan of Burial Trench (if applica  Construction/Design Plan of Temporary Pit (for in-pla)  Protocols and Procedures - based upon the appropriate  Confirmation Sampling Plan (if applicable) - based up  Waste Material Sampling Plan - based upon the appropriate	on the appropriate requirements of 19.15.17.10 NMAC priate requirements of Subsection F of 19.15.17.13 NMAC ble) based upon the appropriate requirements of 19.15.17.11 NMAC be burial of a drying pad) - based upon the appropriate requirements of 19. requirements of 19.15.17.13 NMAC on the appropriate requirements of Subsection F of 19.15.17.13 NMAC or take requirements of Subsection F of 19.15.17.13 NMAC or take requirements of Subsection F of 19.15.17.13 NMAC sements of Subsection H of 19.15.17.13 NMAC rements of Subsection I of 19.15.17.13 NMAC	.15.17.11 NMAC		

•	
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): Deborah K Powell	Title: _Engineering Tech Supervisor
Signature: Dell/C My	Date:9-10-08
e-mail address:DebbyP@McElvain.com	Telephone:303-893-0933
OCD Approval: Permit Application (including closure plan) Clos	aure Plan (only) OCD Gonditions (see attachment)
OCD Representative Signature: October 1997 Signature:	(onflue Office
Title: District #3	OCD Pelmit Number:
Closure Report (required within 60 days of closure completion): Subse Instructions: Operators are required to obtain an approved closure plan p The closure report is required to be submitted to the division within 60 day section of the form until an approved closure plan has been obtained and	prior to implementing any closure activities and submitting the closure report was of the completion of the closure activities. Please do not complete this
	Closure Completion Date: 10/04/2012
22. Closure Method:  Waste Excavation and Removal ☐ On-Site Closure Method ☐ A  If different from approved plan, please explain.	Alternative Closure Method
23. Closure Report Regarding Waste Removal Closure For Closed-loop Sy Instructions: Please indentify the facility or facilities for where the liquid two facilities were utilized.	stems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: s, drilling fluids and drill cuttings were disposed. Use attachment if more the
Disposal Facility Name:  Disposal Facility Name:	Disposal Facility Permit Number:
Were the closed-loop system operations and associated activities performed  Yes (If yes, please demonstrate compliance to the items below)	No .
Required for impacted areas which will not be used for future service and on Site Reclamation (Photo Documentation)  Soil Backfilling and Cover Installation  Re-vegetation Application Rates and Seeding Technique	perations:
24. Closure Report Attachment Checklist. Instructions: Fach of the follow	ring 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 closures) ☐ Disposal Facility Name and Permit Number ☐ Soil Backfilling and Cover Installation ☐ Re-vegetation Application Rates and Seeding Technique ☐ Site Reclamation (Photo Documentation)	
25. Operator Closure Certification:	
I hereby certify that the information and attachments submitted with this clobelief. I also certify that the closure complies with all applicable closure rec	quirements and conditions specified in the approved closure plan.
Name (Print): Jony G. Coper	Title: Sr EHS Specialist
Signature: Com Cooper	Date: 10~/2-2012
e-mail address: tony C @ mcelvain (om	Telephone: 303 - 893 - 0933 x 33 /

-- ·

<u>District I</u> 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 <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

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back

Form C-141

Revised October 10, 2003

side of form

### **Release Notification and Corrective Action**

	OPER	<u>ATOR</u>		Initial Report x Final Re	eport
Name of Company McElvain Energy Inc. Contact Tony Cooper					
Address 1050 17 <sup>th</sup> Street, Suite 2500, Denver, CO 80265 Telephone No. 970-893-0933 x331					
Facility Name SOUTHERN UNION 1B Facility Type – Tank Battery					
Turney Turney South Did to the State of the	Tacinty Traine SouthEdit Official Tacinty Type - Tank Battery				
Surface Owner – City of Farmington Mineral Owner	er- Federal		Lease	No. 029124	
LOCATI	ON OF RE	LEASE			
	rth/South Line	Feet from the	East/West Line	County	
B 03 29N 13W 990 FN		1500	FEL	SAN JUAN	
	_	1000		5.4.70.4.	
Latitude	Longitu	de	I		
· · · ·			<del></del>		
	E OF REL				
Type of Release Hydrocarbon Release (TPH below limits)		f Release NA		e Recovered NA	
Source of Release 210 bbl BGT		Hour of Occurrence	e Date ar	d Hour of Discovery Oct 4, 2	2012
Was Immediate Notice Given?	If YES, T	o Whom?			
☐ Yes ☐ No X Not Require	d NA				
By Whom?	Date and	Hour	····································		
Was a Watercourse Reached?		olume Impacting t	ha Watercourse		
Yes x No	ii i i i i i i i i i i i i i i i i i i	orume impacting t	ile watercourse.		
If a Watercourse was Impacted, Describe Fully.*					
NA					
		• .			
Describe Cause of Problem and Remedial Action Taken.*	- Indiana de Antonio		<del></del>		
The 210 bbl steel below ground tank (BGT) was removed from the S	Southern Union	B1 tank battery si	te The closure w	as prompted by the installation	of
a new AST replacing the BGT. A "Well Site Equipment Modification"					
2012.		as applied for all	· approved by the	o only of turnington on sury t	1,
Upon verbal notification to the NMOCD the BGT was removed and	a third narty er	vironmental comp	any (Envirotech	Inc.) was contracted to conduc	
confirmation soil sampling beneath the tank in a 200 sq ft area (10' x 2	00') A 5 anot of	mposito semplo u	on actions of the	ot 4 2012 and submitted to the	
					ie
Envirotech Laboratory for analytical analysis. No saturated areas or are					.
BTEX, Benzene, and Chloride levels were all found to be below pu					
closure levels of 100 TPH. Using the NMOCD site ranking scale for sp	pills with wellh	eads not in a wellh	ead protection ar	ea, and with surface to ground	
water levels > 100', and site to surface water distances greater than 200	0' the 344 ppm	IPH level was und	ter the 1000 ppm	published level for closure. Se	ee
attached COC and Envirotech lab analysis report for confirmation soil	sampling result	S			
The area was backfilled with clean (non-waste containing) fill dirt.					d
with ongoing production operations reseeding and permanent reclamat	ion activities w	If be performed up	oon decommissio	ning of the site.	Ì
	<del></del>				
Describe Area Affected and Cleanup Action Taken.*					
No cleanup was performed. McElvain Energy Inc. is requesting no fur	ther action statu	s be granted for th	is site.		
I hereby certify that the information given above is true and complete t					
regulations all operators are required to report and/or file certain releas					
public health or the environment. The acceptance of a C-141 report by					
should their operations have failed to adequately investigate and remed	diate contamina	ion that pose a thr	eat to ground wa	ter, surface water, human healt	th
or the environment. In addition, NMOCD acceptance of a C-141 report	rt does not relie	ve the operator of	responsibility for	compliance with any other	
federal, state, or local laws and/or regulations.		•	•		
1 . 0		OIL CONS	SERVATIO	V DIVISION	
Signature: Jony C Coop					
Printed Name: Tony G. Cosper	Approved by	District Supervis	or:		
Title: Sr EHS Specialist	Approval Da	ite:	Expiration	n Date:	
Je de la			- Dipitatio		
E-mail Address: tonic (a) McChrain Con	Conditions of	f Approval:			
7 7		F P - 0 / W.		Attached	
Date: /0-/2-/Z Phone: 303 893 0933	X33/	·			
	.1 — 1			Land Land	

### McElvain Oil & Gas Properties, Inc. San Juan Basin Closure Plan

In accordance with Rule 19.15.17.1 NMAC the following procedure describes the closure plan for the McElvain Oil & Gas Properties, Inc (MOG) below grade tank on the Southern Union #1B well located in the NWNE of Sec 3, T29N, 13W.

#### **Closure Requirements:**

- 1. MOG shall close the below grade tank within the time periods provided in 19.15.17.13 NMAC or by an earlier date that the division requires because of imminent danger to fresh water, public health, or the environment. Closure Date is Oct 4, 2012
- 2. MOG shall close an existing below grade tank that does not meet the requirements of Paragraph (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years after June 16, 2008 if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC. Closure Date is Oct 4, 2012
- 3. MOG shall close a permitted below grade tank within 60 days of cessation of the below ground tank's operation or as required by the transitional provisions of Subsection B of 19.15.17.17 NMAC in accordance with a closure plan that the appropriate division district office approves. The closure report will be filed on C-144.

#### C-144 form is attached

- 4. All liquids will be removed from the BGT prior to closure and the liquids disposed of in a division approved facility.
  - All liquids in BGT were transferred to the new AST before closure.
- 5. MOG shall remove the below grade tank and dispose of it in a division approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves.
  - Tank has been steam cleaned and is in storage at a McElvain equipment vard
- 6. MOG will remove any on-site equipment associated with the below grade tank unless the equipment is required for some other purpose. Production equipment is still in service on the site
- 7. MOG shall test the soils beneath the below grade tank to determine whether a release has occurred. MOG shall collect a five point composite sample and

individual grab samples from any area that is wet, discolored, or showing other evidence of a release. The samples will be analyzed for BTEX, TPH, and chlorides to demonstrate that the benzene concentration as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration as determined by EPA method 418.1 or other EPA method that the division approves does not exceed 100 mg/kg; and the chloride concentration as determined by EPA method 300.1 or other EPA method that the division approves does not exceed 250 mg/kg or the background concentration, whichever is greater. MOG shall notify the division of its results on form C-141.

## All required soil sampling was completed to NMOCD standards. Please refer to attached Laboratory Analysis report for further details.

- 8. If MOG or the division determines that a release has occurred, then MOG shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC as appropriate. A C-141 was completed and is included in this report.
- 9. If contamination is confirmed by field sampling. MOG will follow the Guidelines For Remediation Of Leaks, Spills, and Releases NMOCD August 1993 when remediating identified contaminants.
  - Contaminant levels were below NMOCD standards.
- 10. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC, then MOG shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; re-contour, and re-vegetate the site.
  - MOG backfilled the excavation with clean earthen fill material. Site is still active and in a core area of production operations so revegetation not required at this time.
- 11. Notice of closure will be given to the Aztec Division office between 72 hours and one week of closure via email or verbally. The notification of closure will include the following:
  - · Operator's name
  - Location by Unit Letter, Section Township, and Range.
  - Well name and API number

## NMOCD Aztec Division (Brandon Powell) was notified verbally before activity began.

- 12. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the blow grade tank. The closure report will be filed on C-144 and incorporate the following:
  - Details on capping and covering where applicable

- Inspection reports
- · Sampling results

## 2012 monthly BGT inspections are attached. Previous years available upon request.

13. The site will be re-contoured to match the surrounding area. Natural drainages will be unimpeded and erosion control will be utilized where necessary.

### Completed; see attached photo of final grade and contour

14. MOG shall seed the disturbed areas the first growing season with a division approved seed mixture after pit closure. Seeding will be accomplished by drilling on the contour whenever possible or by other division approved methods. Repeat seeding or planting will be continued until successful vegetative growth occurs.

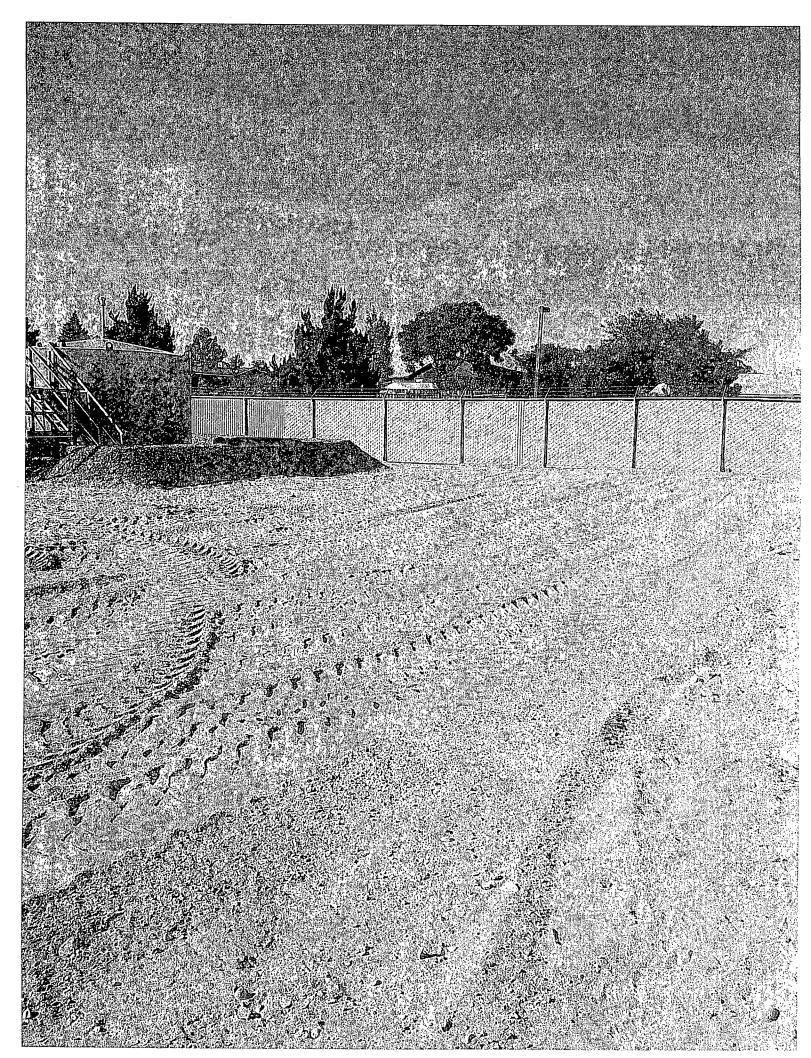
## <u>Area is used for primary production operations. Will be reclaimed upon decommissioning of the site.</u>

15. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the thickness of the topsoil native to the area, whichever is greater.

# <u>Area is used for primary production operations. Will be reclaimed upon decommissioning of the site.</u>

16. The surface owner shall be notified of MOG's closing of the below grade tank as per the approved closure plan using certified mail with return receipt requested.

### Notification made to City of Farmington and NMOCD





October 11, 2012

Project Number 06039-0029

Mr. Randy Elledge McElvain Oil & Gas Post Office Box 5610 Farmington, New Mexico 87499

Cell: (505) 320-4969

RE: BELOW-GRADE TANK CLOSURE DOCUMENTATION FOR THE SOUTHERN UNION UNIT #1 WELL SITE, SAN JUAN COUNTY, NEW MEXICO

Dear Mr. Elledge:

Enclosed please find the field notes and analytical results for below-grade tank (BGT) closure activities performed at the Southern Union Unit #1 well site located in Section 3, Township 29 North, Range 13 West, San Juan County, New Mexico. Upon Envirotech personnel's arrival on October 4, 2012, one (1) five (5)-point composite sample was collected from directly beneath the former BGT; see enclosed *Field Notes*. The sample was analyzed in the field for total petroleum hydrocarbons (TPH) using USEPA Method 418.1, for organic vapors using a photoionization detector (PID) and for chlorides. Additionally, the sample was placed into a four (4)-ounce glass jar, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for total BTEX using USEPA Method 8021 and for chlorides using USEPA Method 4500. The sample returned results below the regulatory limits for all constituents analyzed except TPH, which returned results above the BGT closure standard of 100 parts per million (ppm) TPH using USEPA Method 418.1; therefore, confirming a release had occurred.

A brief site assessment was conducted and the cleanup standards for the site were determined to be 1000 ppm TPH and 100 ppm organic vapors due to a horizontal distance to surface water between 200 and 1000 feet from the site, depth to groundwater greater than 100 feet, and the well site was not located within a wellhead protection area, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Spills, Leaks, and Releases. The sample from beneath the former BGT returned results below the regulatory standard for TPH using USEPA Method 418.1; see enclosed *Analytical Results*. Envirotech, Inc. recommends no further action in regards to this incident.



PAGE NO: OF	The second	nvirote	PS /	MENTAL SPECIALIST:
	1 Table 1			Lm/KC
DATE STARTED: [0/4/ 201).	1 NS: Ga	505) 432-0615 (800) 36 8 U.S. Hwy 64, familigton, i	NM 07401 LA1: 36	°45'35.84"N
DATE FINISHED: 10/4/2012			LONG: 10	8°11' 20.90" W
<u></u>	EPORT: BGT / P	IT CLOSURE V	ERIFICATION	
LOCATION: NAME: Souther	n Union WELL#:	TEMP PIT:	PERMANENT PIT:	BGT:X
LEGAL ADD: UNIT: B	SEC: 3	TWP: 29N	RNG: 13W	PM: NM
QTR/FOOTAGE: 990' FNL }	500 FELCHTY: S	San Juan	ST: NEW Mexic	0
EXCAVATION APPROX: 20	FT. X (O	FT. X (O	FT. DEEP CUBIC Y.	ARDAGE: N/A
DISPOSAL FACILITY: NA-		REMEDIATION METI	HOD: NA	
LAND OWNER: Federa		09508854	BGT/PIT VOLUME:	210 886
CONSTRUCTION MATERIAL: Meto		WALLED, WITH LEAK	DETECTION: NO	
LOCATION APPROXIMATELY:	35 FT. 45	5° FROM WE	LLHEAD	
DEPTH TO GROUNDWATER: \ \ 50				
TEMPORARY PIT - GROUNDWA			17410 11 2 0000 - 2	OPIDES 4 500
BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg/		TY (6015) S 500 mg/kg, 1Ph	1 (418.1) S 2000 mg/kg, CH	LUKIDES S DVU mg/kg
TEMPORARY PIT - GROUNDWA				
BENZENE < 0.2 mg/kg, BTEX < 50 mg/kg	kg, GRO & DRO FRACTIO	N (8015)≤500 mg/kg, TPH	(418.1) \$ 2500 mg/kg, CHL	.ORIDES ≤ 1000 mg/kg
	•			
BENZENE ≤ 0.2 mg/kg, BTEX ≤ 50 mg	g/kg, TPH (418.1) ≤ 100 mg/	kg, CHLORIDES $\leq$ 250 mg	Λkg	
		FIELD 418.1 ANA		
TIME	SAMPLE I.D. LAB NO.	WEIGHT (g mL FREOM		CALC. (mg/kg)
12:40	BESTBOTTOM 1	5 20	4 86	344
706.	2			777
	3			
	4 5	<del> </del>	<del></del>	
	6			
-				
PERIMETER	FIELD (	CHLORIDES RESULT	S PR	OFILE
	SAMPLE	READING CALC.		
2	<u>ID</u>	(mg/kg)	_	
POT LIO	BGT Botto	m 0.6 < 32		
TAN PAR	it l			
1 / *	10			
	<u> </u>		-	<u> </u>
Separatur &		PID RESULTS	-	T
- Samuel	SAM	IPLE ID RESULTS		
1 Ser	BGTB	(mg/kg)		10'
metioren	10010	bottom 0.8		
			J × x	×
Later Control of the			,	
x=5-pt sumple				
LAB SAMPLES majica	NOTES:		1 0 1/-	10016
SAMPLE ID   ANALYSIS   RESULTS	Spt Compos	sife collected	Beneath-	mrea.
BGT BUTTOM BENZENE CO. 01	I No washall	Staining	o b scrued	
BTEX CO.O.I	-	3		
GRO & DRO NA CHLORIDES 4,71	4			
	Ranking:			
	WORKORDER#	WHO ORDE	ERED	
				**

Client: McElVain Ér	ergy		(81	0	(800) 262-1	Ch 879	Project No: OGO3 COC No:	9-0029
FIELD REPORT: SP	ILL CLO	SURE VE	RIFICA	TION		1	PAGE NO:	1 OF / RTED: 10/4/12
DATE STARTED: 70/7/12  LOCATION: NAME: Societies on (Inion Well#: DATE FINISHED: 10/4//2  QUAD/UNIT: B SEC: B TWP: 29N RNGBD PM: NM CNTY: ST ST:NM ENVIRONMENTAL  QTR/FOOTAGE: 990' FNC \$ 1500 FEC CONTRACTOR: NA SPECIALIST: TCM//CC							ISHED: $10/4/12$ MENTAL	
EXCAVATION APPROX: DISPOSAL FACILITY: N LAND USE: Federal	JA	FT. X &ハ	LEASE: -	REMEDIATIO	ON METHO	D: PA LAND OWN	NER; Fec	
CAUSE OF RELEASE: BG	T			MATERIAL R			id plu	uids
SPILL LOCATED APPROXIM DEPTH TO GROUNDWATER NMOCD RANKING SCORE: SOIL AND EXCAVATION DI	R: (50'	NEAREST W	VATER SOL NMOCD TI	URCE: 📿 300 PH CLOSURE	STD:  , (30	NEAREST S	PPM	WATER: 7501
NO VISUAL 14/8. Result 1	Stairi	5 ng. B	GT R.	became	Pridr	· b A	rival	
	oelow							
SAMPLE DESCRIPITION  BGT BOTTO M	TIME 12:46	SAMPLE I.D.	LAB NO.	WEIGHT (g)	mL FREON ⊋o	DILUTION 4	READING 86	CALC. ppm 344
			·					
SPILL PERI	IMETER			OVM RESULTS			SPILL F	PROFILE
			SAMPLE ID	FIELD HEAD (ppn O & 8				
Ser BG	7/						See	BGT/
Pit closure  LAB SAMPLES  SAMPLE ANALYSIS TIME  Dit closure					losure			
For	-W	LAB SAMPLES  SAMPLE ANALYSIS TIME  1 8021/Chloriff, 12:46  For m			- m			
TRAVEL NOTES:	CALLED QU	JT:			ONSITE:			



### **Report Summary**

Client: McElvain Oil and Gas

Chain of Custody Number: 14510

Samples Received: 10-04-12

Job Number: 06039-0029

Sample Number(s): 63383

Project Name/Location: Southern Union #1 BGT Closure

Entire Report Reviewed By:

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.



Date: 10/8/12



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	McElvain Oil and Gas	Project #:	06039-0029
Sample ID:	BGT Bottom	Date Reported:	10-05-12
Laboratory Number:	63383	Date Sampled:	10-04-12
Chain of Custody:	14510	Date Received:	10-04-12
Sample Matrix:	Soil	Date Analyzed:	10-05-12
Preservative:	Cool	Date Extracted:	10-04-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95.8 %
	1,4-difluorobenzene	94.5 %
	Bromochlorobenzene	93.6 %

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: Southern

Southern Union #1 BGT Closure





# EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	P	roject #:	N	/A	
Sample ID:	1005BCAL QA/QC		ate Reported:	10	0-05-12	
Laboratory Number:	63386		ate Sampled:	N	N/A	
Sample Matrix:	Soil		ate Received:		/A	
Preservative:	N/A		Date Analyzed:		0-05-12	
Condition:	N/A		Analysis: Ollution:	B 50	TEX	
Calibration and	I-Cal RF:	C-Cal RF:	%Diff.	Blank	Detect.	
Detection Limits (ug/L)	Ā	ccept Range 0-15%		Conc	Limit	
Benzene	5.5515E-05	5.5515 <b>E-</b> 05	0.000	ND	0.2	
Toluene	5.9297E-05	5.9297E-05	0.000	ND	0.2	
Ethylbenzene	6.5177E-05	6.5177E-05	0.000	ND	0.2	
p,m-Xylene	5.7400E-05	5.7400E-05	0.000	ND	0.2	
o-Xylene	6.6406E-05	6.6406E-05	0.000	ND	0.2	
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit	
Benzene	ND	ND	0.00	0 - 30%	10	
Toluene	ND	ND	0.00	0 - 30%	10	
Ethylbenzene	ND	ND	0.00	0 - 30%	10	
p,m-Xylene	ND	ND	0.00	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	ND	2500	2310	92.4	39 - 150	
Toluene	ND	2500	2330	93.2	46 - 148	
Ethylbenzene	ND	2500	2340	93.6	32 - 160	
p,m-Xylene	ND	5000	4670	93.4	46 - 148	
o-Xylene	ND	2500	2350	94.0	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 63383 and 63386





#### Chloride

Project #: 06039-0029 Client: McElvain Oil and Gas 10-05-12 Sample ID: **BGT Bottom** Date Reported: Lab ID#: Date Sampled: 10-04-12 63383 Sample Matrix: Soil Date Received: 10-04-12 10-04-12 Preservative: Date Analyzed: Cool 14510 Condition: Intact Chain of Custody:

Parameter Concentration (mg/Kg)

**Total Chloride** 

4.71

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: southern Union #1 BGT Closure



## CHAIN OF CUSTODY RECORD

14510

Client:			Proj	ect Name / Location						ANALYSIS / PARAMETERS													
McFlvain Oila	ed Gas	5	 <del></del> -	Southern Uni	on #1	BGT (	1054	y-a			<del>,,</del>									· -			
Email results to:	-		Sam	npler Name:						<u>ان</u>	21)	6											
				Kyle Cossi	um					828 80 81			တ				-						1 1
Client Phone No.:	Client Phone No.: Client No.:							B	thoc	por	etal	noir		불	9.6	₽	ш			8	act		
(505) 370-446	4			06039-0	OUZA					leth	(Me	Met	8	/ Ar		with	ble	118				Ŭ	9
Sample No./ Identification	Sample Date	Samp Time	- 1	Lab No.		Volume ontainers	P HgCl <sub>2</sub>	•		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
B6TBcttom	10-4-12	12:2	8	W3383	(L) 4	c₹			Coox		X								X			Y	Y
·																							
_																							
	<del></del>																	-,					
,																							
						-																	
Relinquished by: (Signature)					Date	Time	Recei	ved b	y: (Si	gnatı	ıre)										Date	,	îme
Ich En					10412	15:05	\ \	L	V	Ù	W	$\mathcal{N}_{(}$	abla	B							lolu	17	150
Relinquished by: (Signature)							Recei					<u></u>	U						•				
Sample Matrix																				1	$\top$		
Soil Solid Sludge Aqueous Other																							
Sample(s) dropped off after t	nours to sec	ure drop	off a	area.	3	N V	ir (	ol La	e (	itory										·	•		
5795 US Highway 64	• Farmingto	on, NM 87	7401	• 505-632-0615 • Tr	ree Spri	ngs • 65 N	1erca	do Stre	et, Su	uite 1	15, Dt	urang	o, C(	813	01 • 1	labor	atory	@env	virote	ch-inc.	com		

<b>McElvain</b>	Oil and Gas	s Properties	inc.	100 / 250			
	715 A31	作品或数数数:			STATE OF THE STATE	\$1752E0	PENERU SEN YO
Lease/Wel	Southern L	Jnion #1B					
Pumper	Brent Elled	lge			AV: - 1940	TO THE STATE	
		Close Date	2/1/2012	PARTY AND			
	212.164			<b>双</b> 语 1000			
		Spring :	Range			Constant	
72-774	4	500	150	Watts	ATTACK SEEDING		
		Line			Tubing	(Casing	TOWNS TO STATE OF THE STATE OF
Day	On/off	Pressure	<b>₩</b> CF	Flow Hrs	Pressure	Pressure	Remarks
1/1/12	on	182	49				
1/2/12		183	57				
1/3/12	on	185	57				
1/4/12	on	189	57				
1/5/12	on	196	54		190	460	
7/6/12	on	188					
1/7/12	on	187	56				<u> </u>
1/8/12	on	187	55				
1/9/12	on	190	56				
1/10/12	on	185	55		190	460	
1/11/12	on	185	46				
1/12/12	on	181	54		,		
1/13/12	on	179	56		400		
1/14/12	on	182	54		190	460	
1/15/12	on	181	53	<u>.</u>		! 	
1/16/12	on	180	45	,,			,
1/17/12	on	182	54		405	100	
1/18/12	on	178	56		185	460	
1/19/12	on	184 183	53 52				OO in about
9/20/12 1/21/12	on	184	42			<del> </del>	90 inches is
1/22/12	on on	182	53				
1/23/12	on on	183	54				
1/24/12	on	188	53		185	460	
1/25/12	on	186	47		100	700	
1/26/12	on	192					
1/27/12	on	192	52				
1/28/12	on	186	54				
1/29/12	on	186	51				
1/30/12	on	195	42				
1/31/12	on	195	50		·		
\$ 42/1/1/2				_			
Total .	R. 3.1		1616.0	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		RESERVED IN	
Average :	STELEN!	185.7	52.1	(0:0)	30/3	74.2	
<u> </u>							Below Ground Tank Insu

:	Summary				
	Gas	Oil	Water	Oil Sales	Run days
Total	1616.0	32.3		160.0	31.0
Average	52.1	1.0			

 Weekly
 Gas
 Oil
 Water
 Tubing
 Casing

 Week 1
 53.9
 1.6
 190.0
 460.0

Below Groun	nd Tank Ins
Date	Remarks
1/24/2012	ok

McElvain.	Oil and Gas	s Properties	inc.	20% 精、壁	RESELVE	<b>严少数</b> 经支援	
HIZZZE		ELLECE!	CHILL:	的复数经济	OMA SA		Marka Marka
Lease/Wel	Southern L	Jnion #1B			學等對學		
Pumper.	Brent Elled	ge	·····		MALLAN	3"3" E E E	CHECKS ASSES
Open Date		Close Date	3/1/2012	YALEWE		MANAGE TO	
Cartern		REAL PROPERTY.	TANK IN				
	Run	Spring :			ENTERE	RAMES	
72-774	4	500	150	Watts	<b>国际国际运</b>	机工机工程的基	The distribution of a comment of the distribution and the distribution of the distribution and the distribution an
77775.C4577		Line			Tubing	Casing 4	
Day	On/Off	Pressure	MCF	Flow Hrs	Pressure	Pressure	Remarks
2/1/12	on	190	53				
<i>:</i> 2/2/12	on	188	53				
	on	198	49		190	460	
2/4/12	on	184	47				
2/5/12	on	188	48				
2/6/12	on	193	53				
2/7/12	on	192	52				
2/8/12	on	202	48				
2/9/12	on	197	44	<u> </u>			
\$\\\\2/1\0/12	on .	195	51		200	460	
2/11/12	on ·	193	53			,	
2/12/12	on	190		: '	·		
2/13/12	on	191	51		<u> </u>		
2/14/12	on	192	43				
2/15/12	on	192	51	·	405	150	
2/16/12	on	193	52		195	450	
2/17/12	on	193	53				
2/18/12	on	192	50				
2/19/12	on	192	42	·	· · · · · · · · · · · · · · · · · · ·		
\$ 2/20/12	on	191 195	52 51		195	450	
2/21/12 2/22/12	on	195	50	<u> </u>	195	450	
2/23/12	on on	194	50	-		· · · · ·	
2/23/12	on ·	185	43		195	450	
2/25/12	on	191	. 50		190	430	
2/26/12	on	177					
2/27/12	on	178	53				
2/28/12	on	170	50		180	450	
2/29/12	· on	180	42	<del></del>	130		
3/1/12			<u> </u>	<u> </u>			
				<u> </u>			
DAKE !						·	
Total	29	CIPROTE	1441.0	0.0			
Average	TANK TOTAL	190.0					
Land Victoria	and the second second second second	bearts a region tool in the Payther of the side in	grouper agreeded in the interest of the contract of the				Polow Ground Tank Inc.

 Summary
 Water
 Oil Sales
 Run days

 Total
 1441.0
 24.0
 0.0
 29.0

 Average
 49.7
 0.8
 0.8
 0.0
 0.0

Weekly Gas Oil Water Tubing Casing
Week 1 50.7 0.0 190.0 460.0

Below Groui	nd Tank Ins <sub>l</sub>
Date	Remarks
2/24/2012	ok

		Properties				2011	NAMES AND ANY OF STREET
minital Carallel	care de la companya d		THE STA	EXECUTE OF THE PROPERTY OF THE	24/232		
Lease/Wel	Southern L	Jnion #1B			EWALE OF		
Pumper :	Brent Elled	ge			\$38.426.5TU	<b>海</b> 黎和汉语	
Open Date	3/1/2012	Close"Date	4/1/2012	SPECTOR W	RENT HARRY	79782 SANS	LIGHT WE WANTED
		New Mark	E NEW STREET	STREET	<b>发展的理论</b> 。	ar way be d	TEXT TEXT OF THE STATE OF
		Spring :					PARTIES NEW YORK PARTIES
72-774	4	500	150	Watts	THE PERSON		
Day	On/Off	Line Pressure:	MCF	Flow Hrs	Tubing Pressure	Casing Pressure	Remarks
3/1/12	on	181	52				
3/2/12	on	188	51				
3/3/12	on	173	52				
3/4/12	on	181	49				
3/5/12	on	194	40		185	450	
3/6/12	on	192					
3/7/12		195					
3/8/12		191	51				
<b>%:</b> 3/9/12	on	189					
3/10/12	on	182					
3/11/12	on	168		·			
3/12/12	on	174	1				
3/13/12	on	174			175	450	
3/14/12	on	173					
<b>3/15/12</b>	on	181	40				
3/16/12	on	171	50				
3/17/12	on	174					
3/18/12	on	174				<u> </u>	
3/19/12	on	174					
3/20/12	on	174			175	450	,
3/21/12		178	1				
3/22/12	on	175			·		·
3/23/12	on	181	52		175	450	
3/24/12	on	182				ļ <u>.</u>	•
3/25/12	on	177	41			ļ	
3/26/12		185	<del></del>		405	450	
3/27/12	on	217	49		185	450	
3/28/12	on	182	52		<u> </u>		
3/29/12	on_	178 181			·		
3/30/12	on		42 50	<u> </u>			
3/31/12	on	183	50	ļ			
4/1/12 Tótal	P. Cura and All		4-1532.0	 	William of the transfer		
Nuora and	<u>/ 31</u>	181.4	1002.0		200 X 200 C		
WARING A	MANAGE LANGE	逐步。10月4	15.27.W.C.43.4	[N. J. 2018] U.U	Z0:9	1.8.350/12:10	2-12-120, DESCRIPTION

	Summary				
	Gas	Oil	Water	Oil Sales	Run days
Total	1532.0	19.6		0.0	31.0
Average	49.4	0.6			

Weekly Gas Oil Water Tubing Casing
Week 1 49.0 0.0 185.0 450.0

Below Groui	nd Tank Ins
Date	Remarks
3/23/2012	ok

McElvain (	Oil and Gas	Properties	Inc.		TS. P. W.	"TIST OF THE	
	73.744.773	AT MARKET	1244 X 125	(Editor)	<b>建</b> 2 图 2 图 2 图 2 图 2 图 2 图 2 图 2 图 2 图 2		CECCENTE PRINCE
Lease/Wel	Southern L	Jnion #1B				課題(京教	CERTAIN BOTTON
P	Brent Elled				TALL TRANSPORT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The Same Alberta
Open Date		Close Date	5/1/2012	EMORAL OF	1137 3 1 S. A.	17 C. H. S	EMAGNATOR PRINCIPAL
	Walland			建设建设。	<b>建设设施</b>		
Meter No		Spring:	Range				
72-774	4	500	150	Watts		NEW YEAR	
Day	On/Off	Line Pressure	MCF	Flow Hrs	Tubing: Pressure	Casing Pressure	Remarks
4/1/12	on	190	50		77-112		
4/2/12	on	192	48				
* 4/3/12	on	197	44				
4/4/12	on	196	50				
4/5/12	on	188	42		200	450	
4/6/12	on	186	51				
4/7/12	on	183	51				
4/8/12	on	185	50		. '		
4/9/12	on	187	50		· · · · · · .		
4/10/12	on	188	42		188	450	
4/11/12	on	187	50				
4/12/12	on	189	50				
4/13/12	. on	188	49				
4/14/12	on	190	42	'.			
4/15/12	on	189	49				,
4/16/12	on	186	50				
4/17/12	on	187	50		188	450	
4/18/12	on	186	51	,			
4/19/12	on	185	50				
4/20/12	on	191	40				
4/21/12	on	182	51			<u></u>	'
4/22/12	on	179	50				
4/23/12	on	183	49		405	450	
4/24/12	on	185 187	50 39		185	450	
4/25/12	on	188					
4/26/12 4/27/12	on	183					
4/27/12	on	183					
4/29/12	on	182	54				
4/30/12	on	186	43				
5/1/12	<u> </u>		70	· · · · · · · · · · · · · · · · · · ·			
				•			
Total	30	(3.5)(4.5)(A.5)(3.5)	1461/0	0.0	<b>可能是第287</b> 0	Marks of	
Average	可是的問	18 <u>6</u> .9	48.7	0.0	25.4	60.0	

	Summary				
	Gas	Oil	Water	Oil Sales	Run days
Total	1461.0	18.2		0.0	30.0
Average	48.7	0.6			

WeeklyGasOilWaterTubingCasingWeek 148.00.0200.0450.0

Below Ground Tank Ins							
Date	Remarks						
4/24/2012 ok							

McElvain (	Oil and Gas	Properties	inc.		60000000000000000000000000000000000000		TWY THE	
MARKE	<b>我们想到</b>	TERY ZE	erenet,		12:341X	NOT ALL TO A PARTY.		187707 (83)
Lease/Wel	Southern L	Jnion #1B			172000000000000000000000000000000000000			
Pumper ::	Brent Elled	qe			14.57	PRIM		
Open Date		Close Date	6/1/2012		NATION.		TENNETT T	A 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MARKE ZZ				PART II			STREET WEST	671777
Meter No."	Run 🔆	Spring:	Range	Chart Day	0.42526			<b>BYLELIS</b>
72-774	4	500	150	Watts	TO SERVICE		VALEE	
Day	Ön/Off	Line Pressure	MOF	Flow Hrs	Tubing Pressure	Casing Pressure	Remarks	
5/1/12	on	199	50	Salar at 1969 seems duringer thigh or se. The Presencing T	. The trades done the reason per F		Control of the control of the property of the control of the contr	Madelant's all attitue are a Depthilas
5/2/12	on	190	52					
<u> </u>	on	193	49		190	460		
5/4/12	on	190	52			***************************************		
5/5/12	on	197	42					
5/6/12	on	190	49					
5/7/12	on	192	50					
5/8/12	on	194	50		193	460		
5/9/12	on	196	51					
5/10/12	on	192	42					
5/11/12	on	194	48		. 192	: 460		
5/12/12	on ·	194	49					
5/13/12	on	193	50	• • •				
5/14/12	on	199	49		)		·	
5/15/12	on	197	42		200	460		
2.5/16/12	on	198	47					
5/17/12	on	196	48					
5/18/12	on `	198	50	· <del></del>				
5/19/12	on	193	50					
5/20/12	on	192	42			<u> </u>		
5/21/12	on	193	47					
5/22/12	on	189	49	-	400	450		
5/23/12	on	187	50		190	450		
5/24/12	on	186	49		<u> </u>			
5/25/12	on	196	41					
5/26/12	on	202				<u> </u>		
\$\\\(5/27/12\)	on	193	52					
5/28/12	on	197	51 52	·········	<u> </u>	ļ <u>.</u>		
5/29/12	on	190 188	44					
5/30/12 5/31/12	on	187	44			-		
6/1/12	on	107	47		<del></del>			
Total 4	31		1/400 0	315 355 U.U.	O WO MAD AT	Norski se kali de kas	Parkir Fa	
Average		193.4	7 48 4	/n n	31.4	72 Q	AND THE PERSON	
WASIGAS	1、"经验",但是除少	いまたのうない。	C25.01. #Q.//.		Late to Manager the	1. J.	markay, Li	Little Land Co. F. St. N.

	Summary			_	
	Gas	Oil	Water	Oil Sales	Run days
Total	1490.0	15.4		0.0	31.0
Average	48.1	0.5			

 Weekly
 Gas
 Oil
 Water
 Tubing
 Casing

 Week 1
 49.1
 0.0
 190.0
 460.0

١	Below Groui	nd Tank Ins <sub>l</sub>
	Date	Remarks
١	5/11/2012	ok
ĺ		
1		

McElvain (	Oil and Gas	Properties	inc.	SEE STATE	\$13.27.37.37.37.37.37.37.37.37.37.37.37.37.37	sky wys	WAR TYM	
						7547 J.E. J		T V 64 4 V 12
EATTH AND TION TO ALL SUBSTITUTE	Southern L				<b>对连南</b> 沙亚河	FILE D	HERE STEEL	
Pumper 🦠	Brent Elled	ge			NATURA	TOWNS Y	E 1875 1575	ATTALE
		Close Date	7/1/2012	WAY WAY	4.433.77			XVI W
答案是包置	NE WELL	Marking L	Mara Mara			52/4/14		33.37
Meter No.	Run	Spring( 🎉 )	Range	Chart Day,	MANAZIEL	MAN HAND	St. West (e. 1983)	The Contract of
72-774	4	500	150	Watts	WING STATE	是透示層面	MENT REPORT	KANEAN I
Day	On/Off	Line Pressure	MCF	Flow Hrs	Tubing Pressure	Casing Pressure	Remarks	
6/1/12	on	184	50			The state of the s	And the second second second second	Artists to Bridge or Physics on the Late Co. No. 19 at 185
6/2/12	on	183	52					
6/3/12	on	183	49					
<u> </u>	on	197	42					
6/5/12	on	244	38		200	460		
6/6/12	on	259	42					
6/7/12	on	243	48					
6/8/12	on	255	44					
<u>∴</u> 46/9/12	on	. 239	46					
6/10/12	on	208	49					
6/11/12	on	201	52				·	
<u>(6/12/12</u>	on	200	52		205	460		
<b>6/13/12</b>	on"	198	51					
<b>6/14/12</b>	on	190	. 44					
<u>* (6/15/12</u>	on	185	46				· .	
<u>4√6/16/12</u>	on	201	48			,		
/6/17/12	on	185	51					
6/18/12	on	188	47		190	460		
6/19/12	on	190	43					
6/20/12	on	192	44					
6/21/12	on	191	49					
6/22/12	on	193	49					
6/23/12	on	191	49	ļ		<u></u>		
6/24/12	on	192	44					
6/25/12	on	200	44					
6/26/12		200			200	460		
6/27/12	on	200	48					
6/28/12	on	202	48				ļ	<del></del>
6/29/12	on	199	44					······································
6/30/12	on	197	44					
7/1/12								
	51.03.46 TSELFOO	1977 <b>8 . 2</b>	** (MAAE)A	Digosa Payoro	2 12 12 12 11 11 11 11 11 11 11 11 11 11	March 1977 A. 1988 19	jaky – Makarinska in nasa	/ 2.4 At 45.725.191
i (Otal	9/3/1/30	10000	1405.0	2303. 53010	CONTRACTOR NAME		11 .00 1 %	
Average	riskari.		46.8	0.0	<u> </u>	[ <sub>6</sub> %, ∰. 0].3	Marin and marine	Commence of the Contract of the

,	Summary				
	Gas	Oil	Water	Oil Sales	Run days
Total	1405.0	10.3		0.0	30.0
Average	46.8	0.3			

Weekly Gas Oil Water Tubing Casing Week 1 45.9 0.0 200.0 460.0

Below Grou	nd Tank Ins
Date	Remarks
6/28/2012	ok

Fease/We    Southern Union #18	McElvain.	Oil and Gas	Properties	Inc.				
Remprise   Southern Union #1B   Remprise   Street Elledge   Street Ellegge   Street Ellegge   Street Ellegge   Street Ellegge   Street Ellegge   Street Elleg				Z1-12-13-13-13-13-13-13-13-13-13-13-13-13-13-				
Rumpers   Brent Elledge	Lease/Wei							
OpenDate   7/1/2012   Gose Date   8/1/2012	NOR. COP SECUL SECTIONS, ASSECTIONS - 12.54.				<u> </u>	P. 15 84 85 W		
Meter   No.   Run   Springs   Range   Chart Day   72-774				8/1/2012				THE STATE OF THE S
Meter   No.   Run   Spring   Range   Chart Day     72-774							( <b>* 7</b> 7 7 1 1	
Table   Tabl	Meter No			Range		I FRIN		CORVERS RESIDENT
Bay   Chrom   Spressure   More   Flow, First   Fressure   Aremarks   Spring   Spri	72-774		500	150	Watts			
Bay   Chrom   Spressure   More   Flow, First   Fressure   Aremarks   Spring   Spri	<b>建</b> 设计算机		Line			Tubing	Casing,	
### ### ### ### ### ### ### ### ### ##	Day	On/Off	Pressure	MCF	Flow Hrs	Pressure	Pressure	Remarks
7/3/12	7/1/12		191					
194   144   195   194   194   195		on						
7/6/12 on 198 42 7/6/12 on 197 48 7/6/12 on 189 49 7/8/12 on 182 48 7/9/12 on 194 43 185 460 7/10/12 on 196 42 7/13/13/12 on 199 48 7/13/13/12 on 191 48 7/13/13/12 on 186 49 7/13/13/12 on 191 48 7/13/13/12 on 191 48 7/13/13/12 on 191 48 7/13/13/12 on 191 48 7/12/13/12 on 191 47 7/12/13/12 on 191 45 190 460 7/12/13/12 on 192 41 7/12/13/12 on 193 39 7/12/13/12 on 190 47 7/12/13/12 on 190 47 7/12/13/14 on 191 48 7/12/13/14 on 192 49 7/13/14/12 on 192/14/12 193/14/14/12 193/14/12 193/14/12 193/14/14/14/14/14/14/14/14/14/14/14/14/14/		on				190	460	
77/6/42 on 197 48 77/7/12 on 189 49 77/8/42 on 194 43 185 460 77/9/42 on 194 43 185 460 77/9/42 on 196 42 77/3//12 on 193 48 77/13//12 on 193 48 77/13//12 on 199 48 77/13//12 on 199 48 77/13//12 on 196 44 77/13//12 on 196 44 77/13//12 on 196 44 77/13//12 on 198 49 77/13//12 on 198 49 77/13//12 on 188 49 77/13//12 on 191 48 77/19/12 on 191 48 77/20//12 on 191 45 77/20//12 on 192 41 77/20//12 on 192 41 77/20//12 on 193 53  work started on oil tank 77/20//12 on 190 47 77/20//12 on 190 47 77/20//12 on 190 48 77/20//12 on 190 47								
7/7/in/2 on 189 49  7/8/in/2 on 182 48  7/9/in/2 on 194 43 185 460  7/in/in/2 on 196 42  7/in/in/12 on 193 48  7/in/2/in/2 on 192 49  7/in/in/in/2 on 196 44  7/in/in/in/2 on 199 48  7/in/in/in/in/2 on 196 44  7/in/in/in/2 on 196 44  7/in/in/in/2 on 196 44  7/in/in/in/2 on 196 49  7/in/in/in/2 on 190 47  188 460  7/in/in/in/2 on 190 47  188 460  7/in/in/in/2 on 191 48  7/in/in/in/in/in/in/in/in/in/in/in/in/in/								
7/8/ii2 on 182 48	THE PROPERTY OF THE PROPERTY O						~	
7/9/12 on 194 43 185 460  7/10/12 on 196 42  7/10/12 on 193 48  7/11/10 on 192 49  7/13/12 on 199 48  7/13/12 on 192 43  7/15/12 on 192 43  7/16/12 on 190 47 188 460  7/17/12 on 191 48  7/17/12 on 191 48  7/17/12 on 191 48  7/17/12 on 191 48  7/12/12 on 191 48  7/12/12 on 191 48  7/12/12 on 191 48  7/12/13 on 191 48  7/12/14 on 191 48  7/12/14 on 191 48  7/12/14 on 191 48  7/12/15/12 on 191 45  7/12/15/12 on 191 45  7/12/15/12 on 192 41  7/12/15/12 on 193 39  7/12/15/12 on 193 39  7/12/15/12 on 193 39  7/12/15/12 on 190 47  7/12/15/12 on 190 48  7/13/16/12 on 190 48  7/13/16/16/16/16/16/16/16/16/16/16/16/16/16/								
7/10/4/2 on 196 42  7/13/12 on 193 48  7/12/12 on 199 48  7/13/12 on 196 44  7/13/12 on 199 48  7/13/12 on 196 44  7/15/12 on 196 44  7/15/12 on 197 48  7/16/12 on 190 47 188 460  7/17/12 on 191 48  7/19/12 on 191 48  7/19/12 on 191 48  7/19/12 on 191 48  7/19/12 on 191 48  7/12/1/2 on 191 45  7/12/1/2 on 192 41  7/12/1/2 on 193 39  7/12/1/2 on 193 39  7/12/1/2 on 193 39  7/12/1/2 on 190 47  7/12/1/2 on 190 48  7/13/1/2 on 190 49  7/13/1/2 on 190 48  7/13/1/2 on 190 49  7/13/1/2 on 190 49  7/13/1/2 on 190 49						405	100	<del></del>
7/13/12 on 193 48  7/13/12 on 199 48  7/13/12 on 196 44  7/15/12 on 192 43  7/15/12 on 186 49  7/13/12 on 190 47 188 460  7/13/12 on 191 48  7/19/12 on 191 48  7/12/1/2 on 191 45  7/12/1/2 on 191 45  7/12/1/2 on 192 41  7/12/1/2 on 193 39  7/12/1/2 on 193 39  7/12/1/2 on 190 47  7/12/1/2 on 190 47  7/12/1/2 on 190 48  7/12/1/2 on 190 48  7/12/1/2 on 190 48  7/12/1/2 on 190 48  7/12/1/2 on 192 49  7/13/1/2 on 192 45  7/13/1/2 on 192 45  7/13/1/2 Total						185	460	
7/i/2/i/2 on 199 48 7/i/3/i/2 on 196 44 7/i/5/i/2 on 192 43 7/i/6/i/2 on 186 49 7/i/7/i/2 on 190 47 188 460 7/i/7/i/2 on 191 48 7/i/9/i/2 on 188 44 7/i/9/i/2 on 191 48 7/i/9/i/2 on 191 48 7/i/9/i/2 on 191 48 7/i/9/i/2 on 191 48 7/i/2/i/2 on 191 45 7/i/2/i/2 on 192 41 7/i/2/i/2 on 193 53								·
77/13/12 on 199 48 77/14/12 on 196 44 77/15/12 on 192 43 77/16/12 on 186 49 77/17/12 on 190 47 188 460 77/17/12 on 191 48 77/19/12 on 188 44 77/20/12 on 191 48 77/20/12 on 191 45 77/20/12 on 193 39 77/25/12 on 193 39 77/26/12 on 193 39 77/26/12 on 190 47 77/29/12 on 190 48 77/30/12 on 190 47 77/29/12 on 190 48 77/30/12 on 192 49 77/30/12 on 192 49 77/30/12 on 192 45 Total: 31 14/34/0 10.00  Average 1924 46/3 0.00 224/3 159/4					-			
7/14/12 on 196 44  7/15/12 on 192 43  7/16/12 on 186 49  7/17/142 on 190 47 188 460  7/18/12 on 191 48  7/19/12 on 191 42  7/27/12 on 191 48  7/22/12 on 191 45  7/23/12 on 191 45  7/26/12 on 192 41  7/26/12 on 193 39  7/28/12 on 190 47  7/29/12 on 190 48  7/33/142 on 190 48  7/33/142 on 192 49  7/33/142 on 192 45  Total 31 434/0 000  7/24/3 59/4								
7/15/12 on 192 43 7/16/12 on 186 49 7/117/12 on 190 47 188 460 7/118/12 on 191 48 7/19/12 on 191 42 7/20/12 on 191 48 7/20/12 on 191 45 7/20/12 on 191 45 190 460 7/25/12 on 192 41 7/26/12 on 193 53 work started on oil tank 7/27/12 on 193 39 7/28/12 on 190 47 7/29/12 on 190 48 7/28/12 on 190 47 7/29/12 on 190 48 7/30/12 on 192 49 7/3/3/10 on 192 45 transfer oil to new tank		<del></del>			<u> </u>			
7/16/12 on 186 49  7/17/12/12 on 190 47 188 460  7/18/12 on 191 48  7/19/12 on 188 44  7/20/12 on 191 48  7/21/19/12 on 191 48  7/22/12 on 209 45  7/23/12 on 189 49  7/24/12 on 191 45 190 460  7/25/12 on 192 41  7/26/12 on 193 53 work started on oil tank  7/27/12/12 on 193 39  7/28/12 on 190 47  7/29/12 on 190 48  7/30/12 on 192 49  7/31/12 on 192 45  Total 31 1434/0 0.00		<del></del>						
7/1/7/12 on 190 47 188 460  7/1/8/12 on 191 48  7/1/9/12 on 188 44  7/1/20/12 on 191 42  7/1/21/12 on 191 48  7/1/21/12 on 209 45  7/1/21/12 on 189 49  7/1/21/12 on 191 45 190 460  7/1/25/12 on 192 41  7/1/26/12 on 193 53 work started on oil tank  7/1/27/12 on 193 39  7/1/28/12 on 190 47  7/1/28/12 on 190 48  7/1/28/12 on 190 48  7/1/28/12 on 192 49  7/1/31/12 on 192 49		<del></del>						
7/18/12 on 191 48 7/20/12 on 188 44 7/20/12 on 191 42 7/21/12 on 209 45 7/23/12 on 189 49 7/23/12 on 191 45 190 460 7/25/12 on 192 41 7/26/12 on 193 53 work started on oil tank 7/27/12 on 193 39 7/28/12 on 190 47 7/28/12 on 190 48 7/28/12 on 190 48 7/30/12 on 192 49 7/31/12 on 192 45 transfer oil to new tank					 	100	460	
7/19/12 on 188 44  7/20/12 on 191 42  7/21/12 on 209 45  7/23/12 on 189 49  7/24/12 on 191 45 190 460  7/25/12 on 192 41  7/26/12 on 193 53 work started on oil tank  7/27/12 on 193 39  7/28/12 on 190 47  7/29/12 on 190 48  7/29/12 on 191 45  7/29/12 on 192 49  7/31/12 on 192 49  7/31/12 on 192 45  Total 31 14340 0.0  Average 1924 463 0.0  243 594						100	400	
7/20/1/2								
7/21/12 on 191 48  7/22/12 on 209 45  7/23/12 on 189 49  7/24/12 on 191 45 190 460  7/25/12 on 192 41  7/26/12 on 193 53 work started on oil tank  7/27/12 on 190 47  7/28/12 on 190 48  7/30/12 on 192 49  7/31/12 Total 31 14340 00								
7/22/12 on 189 49 7/24/12 on 191 45 190 460 7/25/12 on 192 41 7/26/12 on 193 53 work started on oil tank 7/27/32 on 190 47 7/28/32 on 190 48 7/29/32 on 190 48 7/30/32 on 192 49 7/31/12 on 192 49 7/31/12 on 192 45 transfer oil to new tank 8/11/12 Total 31 1434/0 0.00 Average 192/4 46/3 0.0 224/3 59/4	2000							
7/23/12 on 191 45 190 460 7/25/12 on 192 41 7/26/12 on 193 53 work started on oil tank 7/27/16/2 on 193 39 7/28/12 on 190 47 7/29/12 on 190 48 7/30/12 on 192 49 7/31/102 on 192 49 7/31/102 on 192 45 transfer oil to new tank 8/11/12 Total 31 1434 0 0.0 24/3 59/4								
7/24/12 on 191 45 190 460  7/25/12 on 192 41  7/26/12 on 193 53 work started on oil tank  7/27/162 on 193 39  7/28/12 on 190 47  7/29/12 on 190 48  7/30/12 on 192 49  7/31/102 on 192 45 transfer oil to new tank  8/1/12  Total 31 1434 0 0.0 0  Average 192.4 46.3 0.0 224.3 59.4								
7/25/12         on         192         41           7/26/12         on         193         53         work started on oil tank           7/26/12         on         193         39           7/28/12         on         190         47           7/29/12         on         190         48           7/30/12         on         192         49           7/31/12         on         192         45           8/1/12         transfer oil to new tank           8/1/12         31         1434/0         0.0           Average         192/4         46/3         0.0         24/3         59/4						190	460	
T/26/12								
7/27/12   On   193   39								work started on oil tank
7/28/12 on 190 47  7/29/12 on 190 48  7/30/12 on 192 49  7/31//12 on 192 45 transfer oil to new tank  8/1/12  Total 31 14340 00 100  Average 1924 463 000 243 594								
7/30/12 on 192 49 transfer oil to new tank 8/11/12 Total 31 192/4 46/3 0.0 24/3 59/4	7/28/12	on	190	47				
192   45   transfer oil to new tank			190	48				
Total 1434 0 0.0 243 594			192	45				transfer oil to new tank
Total 31 1434 0 0.0 159 4 Average 192 4 46 3 0.0 159 4	8/1/12							
Average [48.3] 19274 46.3 0.0 224.3	Total :	C# 15 - 731	YYKAZE	1434 0	<u>, % </u>	还是强力	PART SA	
	Average	Marke	192.4	. 46:3	0.0	24.3	59.4	

	Summary		-		
	Gas	Oil	Water	Oil Sales	Run days
Total	1434.0	20.7		0.0	31.0
Average	46.3	0.7			

Weekly Gas Oil Water Tubing Casing Week 1 47.1 0.0 190.0 460.0

Below Ground Tank Ins					
Date	Remarks				
7/31/2012	ok				
	,				
	-				

McElváin (	Oil and Gas	<b>Properties</b>	inc.	14.242.51	<b>建设建设</b>	STAN STA	
		TELE LAN			解逐299		erene le maire
Lease/Wel	Southern L	Jnion #1B				RELLINE.	vania kodenski
Pumper :	Brent Elled	ge			1311 FO 40.3	END NACED A PE	
Open Date	8/1/2012	Close Date	9/1/2012				
	rateata)		HYZZZZ		STATE OF THE	STANKE IN	
Meter No.	Run 🗼 🐦	Spring.	Range	Chart Day	18 4 CV	87 W 24 A	MORE VERY SERVER
72-774	4	500	150	Watts	WELL STA	建数据证	WELLER TERRITOR
		Line 🧀		CONTRACTOR OF THE	Tubing	Casing	SAME THE CARREST AND
Day	On/Off	Pressure	MCF	Flow Hrs	Pressure	Pressure	Remarks
. 8/1/12	on	190	40				
8/2/12	on	192	48				
8/3/12	on	194	47		192	460	
8/4/12	on	192	47				
8/5/12	on	190	46				
8/6/12	on	202	38				
8/7/12	on	200	49				
8/8/12	on	196	46				
8/9/12	on	204	48		198	460	
8/10/12	on	193	47	,			
8/1,1/12	on	192	41			_	
8/12/12	· ·on	188	50				
8/13/12	on	188	48			<u> </u>	47. 444.44
8/14/12	on	190	48		190	460	
8/15/12	on	191	46	<u> </u>			
8/16/12	. on	193	39				·
8/17/12	on	195	47		195	460	
8/18/12	on	194	48				
8/19/12	on	192	48			<u>.</u> .	
\$3,8/20/12	on	194	46				
8/21/12	on	194	39		195	460	
8/22/12	on	192	48	····			
8/23/12	on	190	48		192	460	
8/24/12	on	190	46	<del></del>	***************************************		
8/25/12	on	192	45				
8/26/12		193				<u> </u>	
\$. 8/27/12	on	200	54				
8/28/12	on	212	41	,			
8/29/12	on	203	42			-	
8/30/12	on	200	46				
8/31/12	on	207	47			<del></del>	
9/1/12	(A.(\$74%) → \$1 <b>.7</b> %)	<u> </u>	No Park Right Sign	5.05.75500A		1.662.000 3.23.43	ROWN AND SOUND MEDICAL
Total		1040	5 14.13.U	· · · · · · · · · · · · · · · · · · ·	1247 (ALL) 7.7 123 (D) 27 (E)	ን ቀር ነው። - የመደረ ነው	
Average ::		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	/ 40:0	W. The Medical	C. 1/CM	, , , , , , , , , , , , , , , , , , ,	River attrict the land of

	Summary				
	Gas	Oil	Water	Oil Sales	Run days
Total	1413.0	14.0		0.0	31.0
Average	45.6	0:5			

Weekly Gas Oil Water Tubing Casing
Week 1 45.0 0.3 192.0 460.0

Below Groun	nd Tank Ins
Date	Remarks
8/23/2012	ok



October 11, 2012

Project Number 06039-0029

Mr. Randy Elledge McElvain Oil & Gas Post Office Box 5610 Farmington, New Mexico 87499

Cell: (505) 320-4969

RE: BELOW-GRADE TANK CLOSURE DOCUMENTATION FOR THE SOUTHERN UNION UNIT #1 WELL SITE, SAN JUAN COUNTY, NEW MEXICO

### Dear Mr. Elledge:

Enclosed please find the field notes and analytical results for below-grade tank (BGT) closure activities performed at the Southern Union Unit #1 well site located in Section 3, Township 29 North, Range 13 West, San Juan County, New Mexico. Upon Envirotech personnel's arrival on October 4, 2012, one (1) five (5)-point composite sample was collected from directly beneath the former BGT; see enclosed *Field Notes*. The sample was analyzed in the field for total petroleum hydrocarbons (TPH) using USEPA Method 418.1, for organic vapors using a photoionization detector (PID) and for chlorides. Additionally, the sample was placed into a four (4)-ounce glass jar, capped headspace free, and transported on ice, under chain of custody, to Envirotech's Analytical Laboratory to be analyzed for total BTEX using USEPA Method 8021 and for chlorides using USEPA Method 4500. The sample returned results below the regulatory limits for all constituents analyzed except TPH, which returned results above the BGT closure standard of 100 parts per million (ppm) TPH using USEPA Method 418.1; therefore, confirming a release had occurred.

A brief site assessment was conducted and the cleanup standards for the site were determined to be 1000 ppm TPH and 100 ppm organic vapors due to a horizontal distance to surface water between 200 and 1000 feet from the site, depth to groundwater greater than 100 feet, and the well site was not located within a wellhead protection area, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Spills, Leaks, and Releases. The sample from beneath the former BGT returned results below the regulatory standard for TPH using USEPA Method 418.1; see enclosed Analytical Results. Envirotech, Inc. recommends no further action in regards to this incident.



McElvain Oil & Gas BGT Closure Documentation Southern Union Unit #1 Project Number 06039-0029 October 2012 Page 2

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted, ENVIROTECH, INC.

Kyle Cossum, EIT

Staff Engineer

kcossum@envirotech-inc.com

Enclosure(s): Field Notes

**Analytical Results** 

Cc: Client File Number 06039

PLOTING ST	) A -			- m )	ENVIRON	MENTAL SPECIALIST:
PAGE NO: OF		envir	ore	Cn	70	m/kc
DATE STARTED: 10/4/ 2012		• • •	5 (800) 362-1			45'35.84"N
DATE FINISHED: 10/4/2012	44,50	i796 U.S. Hwy 64,	r arnaugton, ive			8º11' 20.90" W
FIELD RE	PORT: BGT /	PIT CLO	SURE VE	ERIFICA	ATION	
LOCATION: NAME: Southern	Union WELL		TEMP PIT:	PERMAN		BGT:X
LEGAL ADD: UNIT: B	SEC: 3	TWP: 2		RNG: 13		PM: NN
	500 FEL CNTY	San Ju	Ja/\	ST: NEW	Mexic	0
EXCAVATION APPROX: 20	FT. X (O	FT. X			CUBIC YA	RDAGE: N/A
DISPOSAL FACILITY:  LAND OWNER:  Federal	δ ΔΡΙ·	REMEDIA 30 0450	TION METHO		OLIME:	210 BBL
CONSTRUCTION MATERIAL: Meta	-	LE-WALLED, V				210 000
LOCATION APPROXIMATELY:	35 FT. 4	15°	FROM WELL	HEAD		
DEPTH TO GROUNDWATER: \50						
TEMPORARY PIT - GROUNDWA BENZENE s 0.2 mg/kg, BTEX s 50 mg/			ስ malka ፕ <u></u> ጀህ //	418 11 ~ 2800	male CUI	OPTOFS < 500 marks
· -			o mg/kg, irn (4	+10.1) ≥ 20U	ing/kg, CHL	へvme9 ≈ 260 maka
TEMPORARY PIT - GROUNDWA BENZENE   0.2 mg/kg, BTEX   50 mg/k			) mg/kg. TPH (4	18.1) ≤ 2500	mg/kg. CHI (	ORIDES ≤ 1000 mo/ko
X PERMANENT PIT OR BGT						
BENZENE < 0.2 mg/kg, BTEX < 50 mg	g/kg, TPH (418.1) ≤ 100 i	mg/kg, CHLORID	ES ≤ 250 mg/kg	<u> </u>		
			D 418.1 ANAL	-		
TIME	SAMPLE I.D. LAB	NO. WEIGHT (g)	mL FREON	DILUTION	<del></del>	CALC. (mg/kg)
12:40	199.8STD	>   -	20	4	217	344
	2					
	$\frac{3}{4}$					
	5					
	1 6			<u> </u>	<u> </u>	
DED A CETTED	******	n ciui o <b>ni</b> nn	o prout ma		nn	DENK 13
PERIMETER	SAME	D CHLORIDE	CALC.		PRO	OFILE
	10	READING	(mg/kg)			
PGT 10	BUTB	ottom O.6	< 37			
一 一	7					
	/ 100					
	1					
Separatur &		PID RESU	LTS RESULTS			August manifest
Separato	1	AMPLE ID	(mg/kg)	\		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
. surrun	Bei	Bottom	0.8			
I I					xx	X
Lauren					*	
XSS-Pt Sumple						
LAB SAMPLES was likely	NOTES:		Med La	Ross	ath -	ank.
SAMPLE ID ANALYSIS RESULTS BUT BUTTON BENZENE CO. 01	NOTES: Spt Comp	osite C	· necreu	1 Jerre	1	<b>-</b>
BTEX KO,O (	The visua	x Stai	ring.	o b scn	red.	
GRO & DRO NA			$\rightarrow$			
CHLORIDES 4,71	Ranking:					
	WORKORDER#		WHO ORDER	ED		



### **Report Summary**

Client: McElvain Oil and Gas

Chain of Custody Number: 14510

Samples Received: 10-04-12

Job Number: 06039-0029

Sample Number(s): 63383

Project Name/Location: Southern Union #1 BGT Closure

Entire Report Reviewed By:

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.

\_ Date: 10/8/12



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client: Sample ID: Laboratory Number: Sample Matrix: Preservative: Condition:	ample ID: 1005BCAL QA/QC aboratory Number: 63386 ample Matrix: Soil reservative: N/A		Project #: Date Reported: Date Sampled: Date Received: Date Analyzed: Analysis: Dilution:	11 N N 11 B	N/A 10-05-12 N/A N/A 10-05-12 BTEX	
Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit	
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	5.5515E-05 5.9297E-05 6.5177E-05 5.7400E-05 6.6406E-05	5.5515E-05 5.9297E-05 6.5177E-05 5.7400E-05 6.6406E-05	0.000 0.000 0.000 0.000 0.000	ND ND ND ND	0.2 0.2 0.2 0.2 0.2	
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit	
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	ND ND ND ND ND	ND ND ND ND	0.00 0.00 0.00 0.00 0.00	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	10 10 10 10 10	
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range	
Benzene Toluene Ethylbenzene	ND ND ND	2500 2500 2500	2310 2330 2340	92.4 93.2 93.6	39 - 150 46 - 148 32 - 160	
p,m-Xylene o-Xylene	ND ND	5000 2500	4670 2350	93.4 94.0	46 - 148 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 63383 and 63386



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



### McELVAIN ENERGY INC. 1050 17th Street. Suite 2500

1050 17th Street, Suite 25 Denver, CO 80265 RCVD NOV 28 '12 OIL CONS. DIV. DIST. 3

November 26, 2012

NMOCD District 3 Aztec Office 1000 Rio Brazos Rd Aztec, NM 87410 Attn: Brandon Powell

RE: Southern Union 18 Pit Closure McElvain Energy Inc. /San Juan Basin

Dear Mr. Powell,

I have attached a copy of a letter that was sent to the surface owner of record at the Southern Union 1½ well site. The address of the owner of record was obtained from the county assessor's office. The letter was sent out three weeks ago. I have not received a confirmation that the letter was ever received or acknowledged with a signature. The letter was sent certified return receipt requested and I have attached the receipt from the USPS. I am respectfully requesting that this attempt be considered fulfillment of the surface owner notification requirement so that the pending Southern Union 1½ below grade tank closure may be finalized.

Sincerely

Tony G. Cooper

SR. EH&S Specialist

McElvain Energy Inc. 1050 17<sup>th</sup> St Suite 2500

Denver CO 80265 303-893-0933 x331

#### McELVAIN ENERGY INC.

1050 17th Street, Suite 2500 Denver, CO 80265

November 6, 2012

#### VIA CERTIFIED MAIL- RETURN RECEIPT REQUESTED

4 Corners Savings and Loan 2200 E. Main Farmington, NM 87401

Attn: Linda Boyce

RE: Southern Union #1\mathbb{B}
3500 Carlton Av
Farmington, New Mexico
Northridge Park #3 Lot 10 Blk 9 Tax ID# R0032371

Dear Landowner,

Pursuant to paragraph 1 (b) of subsection F of 19.15.17.13 NMAC, an operator shall provide the surface owner the operator's proposal to close the below grade tank (BGT) on-site in compliance with the BGT closure methods specified in the same subsection of the NMAC. In 1959 a SUA was signed with the City of Farmington (COF) on this property. In error the COF was thought to be the property owner and notification was made to them before the closure. A recent search of the county records by McElvain Energy, Inc. discovered the error. The BGT closure has now been completed to the NMOCD standards. A final closure report has been filed with the NMOCD and the BLM. If you have any further questions on this project please feel free to contact me.

For further questions please contact Tony G. Cooper @ 303-893-0933 x331

Tony loop

Sincerely,

Tony G. Cooper

SR. EH&S Specialist McElvain Energy Inc.

U.S. Posial Sarvice CERTIFIED MAIL RECEIPT  (Pomente Mail Only No Insurance Grounds April 1980)	
+ OFFICIAL USE	
Postage \$  Certified Fee	
Restricted Delivery Fee (Endorsement Required)  17  Total Postage & Fees \$	
Street, Apt. No.; or PO Box No. 200 & MOTO City, State, 219-4.  Fig. Form (1990), August 2003 See Revolutions	
	CERTIFIED WAIL RECEIPT  (Parasite Methody & Volumence Governo Provided)  For delivery information visit our website of www.ms. psecure  Postage \$  Certified Fee  Postmark Here  Restricted Delivery Fee (Endorsement Required)  Food Postage & Fees \$  Sent To.  Sent To.  Connects Sampas ? Laan  Street, Apr. No.  or PO Box No.  City, State, Zip.4.  To want to N.M. 87457

·