1625 N. French Dr , Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S St Francis Dr, Santa Fe, NM 87505

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

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.

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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 nvironment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
Operator: SG Interests I Ltd. OGRID #: 020572
Address: PO Box 2677, Durango, CO 81302
Facility or well name: Federal 21-7-26 #1
API Number:OCD Permit Number
U/L or Qtr/Qtr G Section 26 Township 21N Range 7W County: Sandoval .
Center of Proposed Design: Latitude36.02433*N Longitude107.54419*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 20 mil ☑ LLDPE ☐ HDPE ☐ PVC ☐ Other ☐ String-Reinforced Liner Seams: ☐ Welded ☑ Factory ☐ Other ☐ Volume: 2271 Bbls ☐ Dimensions: L 75' x W 10' 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
Below-grade tank: Subsection I of 19.15.17.11 NMAC Subsection I of 19.15.17.11 NMA
5. Alternative Method:

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

~							
Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)							
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school,	hospital,						
institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet							
Alternate. Please specify							
7							
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)	•						
☐ Screen ☐ Netting ☐ Other ☐ Monthly inspections (If netting or screening is not physically feasible)							
8. Signs: Subsection C of 19.15.17.11 NMAC							
☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers							
⊠ Signed in compliance with 19.15.3.103 NMAC							
9. Administrative Approvals and Exceptions:							
Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.							
Please check a box if one or more of the following is requested, if not leave blank: Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau et al. (2).	office for						
consideration of approval. Exception(s): Requests must be submitted to 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 accept material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate 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 drying 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 ☐ 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).	☐ Yes ☐ No						
- Topographic map; Visual inspection (certification) of the proposed site							
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)	☐ Yes ☐ No ☐ NA						
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image							
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						
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image							
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No						
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	☐ Yes ☐ No						
adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality							
Within 500 feet of a wetland.	☐ Yes ☐ No						
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site							
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.									
 ☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC ☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC 									
☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC ☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC									
Previously Approved Design (attach copy of design) API Number: or Permit Number:									
12.									
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.									
Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC									
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15 17.9 NMAC and 19.15.17.13 NMAC									
Previously Approved Design (attach copy of design) API Number:									
Previously Approved Operating and Maintenance Plan API Number:(Applies only to closed-loop system that use									
above ground steel tanks or haul-off bins and propose to implement waste removal for closure)									
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									
Crimatological 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									
☐ Precoord and Overtopping Prevention Plan - based upon the appropriate requirements of 19.13.17.11 NWAC ☐ Nuisance or Hazardous Odors, including H ₂ 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 Cleans Method (Eventions must be submitted to the Sente Ee Environmental Bureau for consideration)									
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									
one resummation rain one appropriate requirements of oursection of 17.15.17.15 that to									

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19. Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attack facilities are required.						
Disposal Facility Name: Disposal Facility Permit Number:						
Disposal Facility Name: Disposal Facility Permit Number:						
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations? Yes (If yes, please provide the information below) No						
Required for impacted areas which will not be used for future service and operations Soil Backfill and Cover Design Specifications based upon the appropriate requirements of Subsection H of 19.15.17 13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC						
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.						
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No☐ NA					
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA					
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA					
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, a lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	or playa 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	on. Yes No					
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial app - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site						
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ord adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	linance Yes No					
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed	☐ 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 Geolo Society; Topographic map 	ogical Yes No					
Within a 100-year floodplain FEMA map	☐ Yes ☐ No					
On-Site Closure Plan Checklist: (19,15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved) Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC						

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):
Signature: Date:
e-mail address: Telephone:
20. OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature: Approval Date: Approval Date: Approval Date: Approval Date:
Title: Compigue Office 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: 10/31/2008
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.
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 than 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
24. 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
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): William Schwab III Title: Agent for SG Interests I, Ltd.
Signature: Date: 2/3/2009
e-mail address: tripp@nikaenergy.com Telephone: 970-259-2701 .

Marcia Stewart

From:

"Marcia Stewart" <marcia@nikaenergy.com> <Brandon.Powell@state.nm.us>

To:

Sent:

Thursday, October 30, 2008 3:20 PM

Subject:

Pit Closure Notification

Brandon -

The following wellsite pit closing was completed Wed, Oct 29, 2008.

Federal 21-7-26 #1 Wellsite API No. 30-043-21062 Sec 26-T21N-R7W Sandoval County, NM

Marcia Stewart Nika Energy Operating,LLC Agent for SG Interests (970) 259-2701 Off (970) 385-1598 Fax

SG Interests I, Ltd.

Temporary Pit - Closure Details

Re: Federal 21-7-26 #1

- 1 All freestanding liquids were removed at the start of the pit closure process from the pit and disposed of in a division approved facility at Agua Moss, Permit # Pretty Lady 30-11-34 #1.
- 2 The pit cover was re-contoured and re-vegetated complying with subsections G, H, & I of 19.15.17.13 NMAC.
- 3 Notification will be sent to NMOCD Aztec Division office when reseeding is completed.
- 4 SGI will seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished by drilling on the contour whenever practical or by other division approved methods. APD stipulated seed mixes will be used on Federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (unimpacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds. Seed cover will be maintained thru two consecutive growing seasons. Repeat seeding or planting will be continued until successive vegetative growth occurs.
- 5 The closed temporary pit has a steel marker no less than four inches in diameter, extending four feet above mean ground level, extending and cemented in a hole three feet deep, in the center of the onsite burial upon completion of the closing. The marker is permanently welded, and includes the operator name, lease name, well name and number, unit number, section, township, range, and indicator that the marker is an onsite burial location.

Bill Liess Bureau Of Land Management, DOI Farmington Field Office 1235 La Plata Highway, Suite A Farmington, NM 87401

RE: Federal 21-7-26 #1, API # 30-043-21062

Bill,

This is a follow up certified letter as per the requirements of the new OCD pit rule 17 requiring notification to the surface owner that we are planning to close a temporary drilling pit on the subject location. After drilling operations cease, SGI plans to close the temporary pit per the approved APD and the new NMOCD rules.

Please let me know if you have any questions or if this notification needs to be directed to someone else.

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Thank you for your time.

Tripp Schwab

President

Nika Energy Operating, LLC

Agent for SG Interests.

Nika Energy Operating

Bill Liess Bureau Of Land Management, DOI Farmington Field Office 1235 La Plata Highway, Suite A Farmington, NM 87401

F	RF.	Federal	21-7-26	#1	API#	30-043	3-21062
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Bill,

This is a follow up certified letter as per the req 17 requiring notification to the surface owner temporary drilling pit on the subject location. A plans to close the temporary pit per the appropriate the subject location.

Please let me know if you have any questions directed to someone else.

Thank you for your time.

Tripp Schwab
President
Nika Energy Ope

Nika Energy Operating, LLC Agent for SG Interests.

e req wner on. A appr tions	Form 3811, February 2004 Dor	Article Number Transfer from service lab, 7006 2		÷	Parmington, NM 87401	235 La Plata Highway, #A	armington Field Office	⊏	ctn: Mr. Bill Liess	-	Article Addressed to:	or on the front it space permits.	Attach this card to the back of the mailpiece,	so that we can return the card to you.	tem 4 if Restricted Delivery is desired. Print vour name and address on the reverse	Complete items 1, 2, and 3. Also complete	NDERE <i>COMPLETETHIS SECTION</i>		
7006 2150 0001 7642 7459	Domestic Return Receipt 102595-02-M-1540 En To Service F. Communication of Communication Communicati	BLI BLI For For	arm 35	ردعا	all Depress wall	. B	Fi	l :	Lied (1) ghv	T] es: Off way	s Eic	□ Yes	VIRAL BOOK	B. Received by / Printed Name) C. Date of Delivery	Addressee	A. Signature	COMPLETE THIS SECTION ON DELIVERY.	東京東京 木が三大水 だい	And Annual Prince To the Contract of the Contr



October 7, 2008

Project No. 98049-0010

Mr. Trip Schwab SG Interests LTD Nika Energy Operating P O Box 2677 Durango, Colorado 81302

Phone (970) 259-2701 Fax (505) 385-1598

RE: Drill Pit Sampling at the Federal 21-7-26 #1 Well Site, Section 26, Township 21N, Range 6W, Sandoval County New Mexico

Dear Mr. Schwab;

Envirotech collected samples from the drill pit at the above referenced site. A five (5) point composite sample was collected from inside the pit. The sample was delivered to Envirotech's Laboratory under Chain of Custody. The sample was analyzed via USEPA Method 8015 for Gasoline and Diesel range hydrocarbons (GRO/DRO), USEPA Method 8021 for Benzene and total BTEX, USEPA Method 418.1 for Total Petroleum Hydrocarbons (TPH), and USEPA Method 300.1 for total Chlorides.

The sample results show that all contaminants of concern are below the most stringent NMOCD requirements. Based on these results the following options are available for final disposal:

- In place burial
- Onsite trench burial, or
- Waste excavation and removal

Regardless of the disposal option chosen, notification must be made to the NMOCD at least 72 hours but not more than one week prior to closing the pit. The surface land owner must also be notified at least 24 hours prior to closing the pit. Once the pit is closed a NMOCD C-144 form must be completed and submitted to Mr. Brandon Powell at the NMOCD within 60 days of the closure date.

Attached to this letter is Envirotech's Field Report: Closure Verification, field analysis documentation, and lab analysis documentation.

We appreciate the opportunity to be of service. Should you need any additional help with notifications or completion of the C-144 form, please do not hesitate to contact our office at (505) 632-0615.

Respectfully Submitted,

ENVIROTECH, INC.

Greg Crabtree, EIT

Environmental Project Engineer

gerabtree@envirotech-increom

Enclosure: Pit Closur

Pit Closure Documents

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		ENVI		AL SCIENT S. HIGHWA	NEEKS	J. NELSON				
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	2- 08	- ' '	FARMINGTON, NEW MEXICO 87401					7 ,		
DATE FINISHED: 9-1	2-08		PHC	ONE: (505) 6	32-0615	tion a time to comment the fact of the fac	[LONG:]	07.5440649		
	FIELD I	REPORT:	BGT/F	PIT CLO	SURE VE	RIFICA	TION			
LOCATION: NAME: FE	DERAL T	21-7-26	WELL #:	1	TEMP PIT:	PERMAI	NENT PIT:	BGT:		
LEGAL ADD: UNIT:	6	SEC: 20	è	TWP:	2111	RNG: (óω	PM: NM PM		
QTR/FOOTAGE: 1866	O' FAL E	1970' FEL	CNTY:	SANDOUA	36	ST: M	M			
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EXCAVATION APPROX:		FT. X		FT. X			CUBIC YA	ARDAGE:		
DISPOSAL FACILITY:				REMEDIA	TION METH	OD:				
LAND OWNER:				043210		BGT / PIT				
CONSTRUCTION MATERIA	L:"	,	DOUBLE-	WALLED,	WITH LEAK'I	DETECTION	Ι :	:		
LOCATION APPROXIMATE	LY:	10	FT. 2	700	FROM WELI	HEAD	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
DEPTH TO GROUNDWATE		1/2	10, 01	10						
TEMPORARY PIT - GR		FER 50-100 FE	ET DEEP							
BENZENE ≤ 0.2 mg/kg, BT				N (2015) < 5	ገስ መ መ/レα TPH (/A18 1\ < 250(ma/ka CHI	ORIDES < 500 mg/kg		
BENZENE S 0.2 mg/kg, B i	IEV 7 20 mB	rkg, ORO & DR	OFRACIO	IN (0012) 23	oo mg/kg, irn ((410.1) 5 2300	mig/kg, Citt.	OKIDES \$ 500 mg/kg		
Y TEMPORARY PIT - GRO				•						
BENZENE ≤ 0.2 mg/kg, BT	EX ≤ 50 mg/l	kg, GRO & DRO) FRACTIO	$N(8015) \le 50$	0 mg/kg, TPH (418.1) ≤ 2500	mg/kg, CHL	ORIDES ≤ 1000 mg/kg		
PERMANENT PIT OR B	CT									
		A. TOTT (410 1	` ~'100/l-	- CHI ODDO	EG 4 250 A					
BENZENE ≤ 0.2 mg/kg, BT	gm oc 2 Aa i	kg, 1PH (4)6.1) S 100 mg/k;	g, CHLORID	25 ≤ 250 mg/kg					
_					D 418.1 ANAL					
	TIME	SAMPLE I.D.	LAB NO.	WEIGHT (g	mL FREON	DILUTION	READING	CALC. (mg/kg)		
		200 STD			~					
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LAB SAMPLES		NOTES:	<u> </u>		<u> </u>	1				
	RESULTS	HIOTES.								
SAMPLE ID ANALYSIS Doil Pit BENZENE	MD	1								
Ocil PIX BTEX	0.0074	7								
Orill Pit GRO & DRO	37.2	1								
Dain Pit CHLORIDES	64.0									
Dail Pit 1918.1	2.130	7								

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EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	SG Interest	Project #:	98049-0010
Sample ID:	Fed. 21-7-26 #1	Date Reported:	09-19-08
Laboratory Number:	47228	Date Sampled:	09-12-08
Chain of Custody No:	5268	Date Received:	09-12-08
Sample Matrix:	Soil	Date Extracted:	09-17-08
Preservative:	Cool	Date Analyzed:	09-18-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	37.2	0.1
Total Petroleum Hydrocarbons	37.2	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:

Multiple Pits.

Analyst

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Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	SG Interest	Project #:	98049-0010
Sample ID:	Fed. 21-7-26 #1	Date Reported:	09-19-08
Laboratory Number:	47228	Date Sampled:	09-12-08
Chain of Custody:	5268	Date Received:	09-12-08
Sample Matrix:	Soil	Date Analyzed:	09-18-08
Preservative:	Cool	Date Extracted:	09-17-08
Condition:	Intact	Analysis Requested:	BTEX

		Det.
} =	Concentration	Limit
Parameter	(ug/Kg)	(ug/Kg)
Benzene	ND	0.9
Toluene	2.5	1.0
Ethylbenzene	1.2	1.0
p,m-Xylene	2.0	1.2
o-Xylene	1.7	0.9
Total BTEX	7.4	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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:

Multiple Pits

Analyst

Mestern Daeters.

Review



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client: SJ Interest		Project #:	98049-0010
Sample ID:	Fed. 21-7-26 #1	Date Reported:	09-19-08
Laboratory Number:	47228	Date Sampled:	09-12-08
Chain of Custody No: 5268		Date Received:	09-12-08
Sample Matrix:	Soil	Date Extracted:	09-18-08
Preservative:	Cool	Date Analyzed:	09-18-08
Condition:	Intact	Analysis Needed:	TPH-418.1

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

Total Petroleum Hydrocarbons

2,130

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:

Multiple Pits.

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Analyst

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Chloride

Project #: 98049-0010 SG Interest Client: Fed. 21-7-26 #1 Date Reported: 09-19-08 Sample ID: Lab ID#: 47228 Date Sampled: 09-12-08 Date Received: 09-12-08 Sample Matrix: Soil Date Analyzed: 09-16-08 Preservative: Cool Chain of Custody: Condition: Intact 5268

Parameter Concentration (mg/Kg)

Total Chloride

64.0

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:

Multiple Pits.

Analyst

Review



EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	09-18-08
Laboratory Number:	09-18-TPH.QA/QC 47235	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	09-18-08
Preservative:	N/A	Date Extracted:	09-18-08
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	09-18-08	1.660	1,590	4.2%	+/- 10%

∃Blank,Conc. (mg/Kg)		Concentration	Jestection Limit
TPH	•	ND	5.0

Duplicate Conc. (rng/Kg)	.1		Sample	Duplicate	% Difference	Accept. Range
TPH			33.2	27.9	16.0%	+/- 30%

Spike Conc. (mg/Kg)	, Sample →	Spike Added	Spiko Rosult	% Recovery	Accept Range
TPH	33.2	2,000	2,390		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 47225 - 47230, 47236 - 47237, 47242 and 47235.

Analyst D. Sum

Review Cetters



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Calibration and Detection limits (ug/L) Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene Duplicate Cone (ug/Kg) Benzene Toluene	6.6064E+007 5.0423E+007 3.9683E+007 8.1407E+007 3.7616E+007	6.6196E+007 5.0524E+007 3.9762E+007 8.1570E+007 3.7692E+007	MDIII 6:0 - 15% 0.2% 0.2% 0.2% 0.2% 0.2%	Blank Conc. ND ND ND ND ND ND ND NO	0.1 0.1 0.1 0.1 0.1 0.1
Toluene Ethylbenzene p,m-Xylene o-Xylene Duplicate Conc (ug/Kg)	5.0423E+007 3.9683E+007 8.1407E+007	5.0524E+007 3.9762E+007 8.1570E+007 3.7692E+007	0.2% 0.2% 0.2% 0.2%	ND ND ND ND	0.1 0.1 0.1
Ethylbenzene p,m-Xylene o-Xylene Duplicate Conc (ug/Kg)	3.9683E+007 8.1407E+007	3.9762E+007 8.1570E+007 3.7692E+007	0.2% 0.2% 0.2%	ND ND ND	0.1 0.1
p,m-Xylene o-Xylene Duplicate Conca(ug/Kg) Benzene	8.1407E+007	8.1570E+007 3.7692E+007	0.2% 0.2%	ND ND	0.1
o-Xylene Duplicate Conce(ug/Kg)		3.7692E+007	0.2%	ND	
Duplicate Conce(ug/Kg) Benzene	3.7616E+007 Sample				0.1
Benzene	Sample :		and the state of t		
Ethylbenzene p,m-Xylene o-Xylene	2.0 8.5 5.0 19.2 8.9	2.1 8.7 5.3 18.2 9.7	5.0% 2.4% 6.0% 5.2% 9.0%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	0.9 1.0 1.0 1.2 0.9
Spike:Conc.((tig/kg)	Sample 7	Amount Spiked	Spiked Sample 51.6	WRecovery	%ocept Ranco 39 - 150
Toluene	8.5	50.0	56.5	96.6%	46 - 148
Ethylbenzene	5.0	50.0	50.5 52.0	94.5%	32 - 160
	* * *	100		**	32 - 160 46 - 148
p,m-Xylene o-Xylene	19.2 8.9	100 50.0	114 53.9	95.8% 91.5%	46 - 148 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 47225 - 47230 and 47238 - 47241.

Analyst

Review



EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Review Muceter

Spike Conc. Gasoline Rang Diesel Range	je C5 - C10	Samplea. ND 2.8	250 250	Spike Result	% Recovery 101% 99.2%	75 - 125% 75 - 125%
The name when we want to be a supplementation of		an av -v -v * ****************************	and the second second second second second	ena seciona a o o o o o o o o o o o o o o o o o		
Diesel Range		2.8	2.7	3.6%	0 - 30%	
Gasoline Rang	the count of the first of the fact of the country of the first of the	ND	ND	0.0%	0 - 30%	
Dublicate Co	ane /wo/Kal	Sample	Duplicate	% Difference	Vrzan Banz	
Total Petroleu	m Hydrocarbons		ND		0.2	
Diesel Range	C10 - C28		ND		0.1	
Gasoline Rang		e Summingalism S. S. T. T. A. A.	ND	a seem millioned & view of an	0.2	7.04
Blank Conc.	(mg/L - mg/Kg)		Soncentration		Detection Lim	
Diesel Range	C10 - C28	05-07-07	9.9395E+002	9.9434E+002	0.04%	0 - 15%
Gasoline Rang	-	05-07-07	1.0031E+003	1.0035E+003	0.04%	0 - 15%
		I-Cal Gate	I-Gal RF	C-Cal'RE	% Différence	Accept Range
Condition:		N/A		Analysis Reques	ted:	TPH
Preservative:		N/A		Date Analyzed:	09-18-08	
Sample Matrix:		Methylene Chlor	ide	Date Received:	N/A	
Laboratory Nur	mber:	47238		Date Sampled:	N/A	
Sample ID:		09-18-08 QA/0	QC .	Date Reported:	09-19-08	
Client:		QA/QC		Project #:		N/A

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 47225 - 47230 and 47238 - 47241.

Analyst

CHAIN OF CUSTODY RECORD

lient: Project Name / Location: SG Nterest Multiple Pits																ANĄĽ	YSIS.	/ PAR	AMET	TERS							
lient Address:					elson						3015)	3015)	3015)	18021)	8260)	S									,	-	
ilent Phone No.:		(Client No.:	०५०	19-0010						TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion		TCLP with H/P	۰	418.1)	RIDE				e Cool	Sample Intact		
Sample No./ Identification	Sample Date	Sample Time	Lab No.	1	ample Matrix		./Volume of ontainers			ve	TPH (N	втех	Voc (I	RCRA	Cation	PCI	TCLP	РАН	TPH (418.1)	CHLORIDE				Sample Cool	Sampl		
:d.21-6-29#1	9-12-08	15:40		Soil Solid	Sludge Aqueous		402			1	X	X				-			X	X					1		
4.21-6-30 + 2	9-12-08	14:15	47226	Soil Solid	Sludge Aqueous	11	402			ال	X	X							X	X					/		
d.21-6-29 #2 d.21-7-26 #1	9-12-08	15:14	47227	Soil Solid	Sludge Aqueous	l	1402		(ナ イ	X	X							X	X					~		
d. 21-7-26 #1	9-12-08	13:30	47228	Solid	Sludge Aqueous	1	1402		、	J.	X	X							X	X				1	/		
d.21-7-35 #1	9-12-08	12:57	4722	Soil Solid	Sludge Aqueous	1	1402			<u> </u>	X	X							X	X							
d.21-6-30 * 1	9-12-08	14:44	47230	Solid	Sludge Aqueous	1	1402				X	X							X	X							
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<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

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 side of form

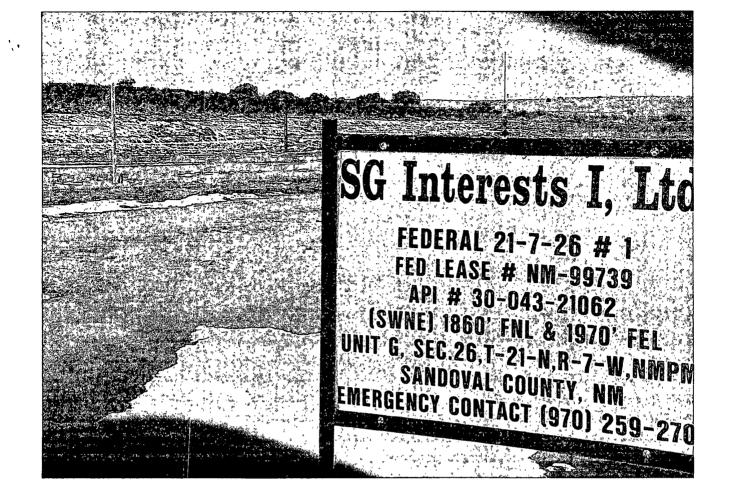
Form C-141 Revised October 10, 2003

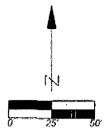
Release Notification and Corrective Action

OPERATOR

					OPERATOR \boxtimes				al Report	\boxtimes	Final	Report	
Name of Co	ompany S	G Interests	I, Ltd			Contact William Schwab							
		77, Durang		1301		Telephone No. 970-259-2701							
Facility Nar	me Feder	al 21-7-26	#1			Facility Typ							
Surface Ow	ner Fed	eral		Mineral O	wner i	Federal			Lease N	Io. NMN	M9973	39	
LOCATIO					TIO	N OF REI	EASE						
Unit Letter	Section	Township	Range	Feet from the					West Line	County			·
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				NAT	URE	OF RELI	EASE						
Type of Rele	ase None						Release N/A		Volume R	Recovered	N/A		
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Was a Water	course Read	ched?					lume Impacting t	he Wate	ercourse.		·····		
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Describe Are None	a Affected	and Cleanup A	Action Tak	en.*									
regulations a public health should their or or the environ	Il operators or the envi operations h nment. In a	are required to ronment. The ave failed to a	o report an acceptance	is true and compled/or file certain rese of a C-141 repoinvestigate and retaince of a C-141 r	elease no rt by the emediate	otifications ar e NMOCD m e contaminati	nd perform correct arked as "Final R on that pose a thre	tive act eport" of eat to gr	ions for rele loes not reli round water	eases which eve the ope , surface wa	may en rator of ater, hui	ndanger Tiabilit man he	r ty ealth
	OIL CONSERVATION DIVISION												
Signature:													
					Approved by District Supervisor:								
Title: Agen	t for SG Ir	terests				Approval Dat	ate: E		Expiration Date:				
		Dnikaenergy	.com			Conditions of							
				70 0F0 0704		Attached							
Date: 2/3/2	uu9	F	'none: 97	0-259-2701	ł					1			l.

^{*} Attach Additional Sheets If Necessary





SG INTERESTS I, LTD. FEDERAL 21-7 26 #1 SW/4 NE/4 SEC.26 T21N, R7W, NMPM Sandoval Co., NM

Scale: 1"=50"

Field Date: 06 Feb. 2009

Lat. 36.02432* N Long 107.54419° W (NAD 83)

P.O. BOX 99) FARMINGTON, NW 82199

ENERGY SURVEYORS, INC.

FAX R01-659-4946

OFFCL 505-305-4005

NN B7199 CELL 505-340-8142

Daily Drilling Report	· · · · · · · · · · · · · · · · · · ·		Nika Ene	ergy Opera	iting, LLC .			
EASE & WELL #: SUPERVISOR: ML Smith			Dai	ily Drilling	Report			
SUPERVISOR: MIL. Smith FOOTAGE C	OPERATOR:				. 1	DATE:	08/10/08	
DESCRIPTION OF DAILY ACTIVITY			-7-26 #1					
DESCRIPTION OF DAILY ACTIVITY				,				
100 - Startup - Rig Service - Safety Meeting 1730 - Drop slips, RD - NDBOPE - NUWH - RDMODR 1730 - Drop slips, RD - NDBOPE - NUWH - RDMODR 1730 - Drop slips, RD - NDBOPE - NUWH - RDMODR 1730 - Drop slips, RD - NDBOPE - NUWH - RDMODR 1730 - Drop slips, RD - NDBOPE - NUWH - RDMODR 1730 - DROP slips, RD - NDBOPE - NUWH - RDMODR 1730 - DROP slips, RD - NDBOPE - NUWH - RDMODR 1730 - DROP slips, RD - NDBOPE - NUWH - RDMODR 1730 - DROP slips, RD - NDBOPE - NUWH - RDMODR 1730 - DROP slips, RD - NDBOPE - NUWH - RDMODR 1730 - DROP slips, RD - NDBOPE		None						
1700 - Startup - Rig Service - Safety Meeting 1730 - Drop slips, RD - NDBOPE - NUWH - RDMODR 1730 - Drop slips, RD - NDBOPE - NUWH - RDMODR 1730 - Drop slips, RD - NDBOPE - NUWH - RDMODR 1730 - Drop slips, RD - NDBOPE - NUWH - RDMODR 1730 - Drop slips, RD - NDBOPE - NUWH - RDMODR 1730 - DRILLING MUD PROPERTIES @ SUCTION PIT 1730 - DRILL					,			
DEPTH WEIGHT VIS PV YP GELS PH WL SOLIDS			DESCRIP	TION OF	DAILY ACTI	VITY		
DEPTH WEIGHT VIS PV YP GELS PH WL SOLIDS)700 - Startup - Rig Ser	vice - Safety Me	eetina					
DRILLING MUD PROPERTIES @ SUCTION PIT	0730 - Drop slips, RD -	NDBOPE - NU\	WH - RDM	ODR				
DRILLING MUD PROPERTIES @ SUCTION PIT	•							
DRILLING MUD PROPERTIES @ SUCTION PIT	Final Well							
DRILLING MUD PROPERTIES @ SUCTION PIT	110.7701				-			
DRILLING MUD PROPERTIES @ SUCTION PIT								
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DRILLING MUD PROPERTIES @ SUCTION PIT								
DEPTH WEIGHT VIS PV YP GELS PH WL SOLIDS	Reserve Pit OK - Appo	x @ 1/2 Full Fr	resh water	& nolymei	•			
DEPTH WEIGHT VIS PV YP GELS PH WL SOLIDS	Reserve Pit OK - Appo	x @ 1/2 Full Fr	resh water	& polymer		<u></u>		
BIT DATA BIT # BIT DATA BIT # BIT # WOB RPM MSG RPM SERIAL # BIT # SAME RPM SERIAL # BIT # SAME RPM STROKE LINER SAME RPM BPM RPESS CONDITION CONDITION TOUR T	Reserve Pit OK - Appo						·····	
BIT DATA		DRILLING				ON PIT		
BIT # WOB MPG SERIAL # WOB RPM STROKE LINER SPM SPM	DEPTH WEIG	DRILLING	G MUD PR	ROPERTIE	S @ SUCTI		WL]	
BIT #	DEPTH WEIG	DRILLING	G MUD PR	ROPERTIE	S @ SUCTI		WL	
MFG SERIAL # STROKE ST	DEPTH WEIG	DRILLING HT VIS	G MUD PR	ROPERTIE	S @ SUCTI		WL	
SERIAL # JETS, 32nd STROKE LINER SPM SPRESS. SPM SPM	DEPTH WEIG 855'	DRILLING HT VIS	G MUD PR	ROPERTIE	S @ SUCTI GELS		WL	
STROKE LINER SPM	DEPTH WEIG 855'	DRILLING HT VIS	G MUD PR	ROPERTIE	S @ SUCTI GELS BIT # WOB		WL	
LINER SPM SP	DEPTH WEIG 855' BIT # SIZE MFG	DRILLING HT VIS	G MUD PR	ROPERTIE	S @ SUCTI GELS BIT # WOB		WL	
SPM BPM DEPTH IN DEPTH OUT	DEPTH WEIG 855' BIT # SIZE MFG SERIAL #	DRILLING HT VIS	G MUD PR	ROPERTIE	S @ SUCTI GELS BIT # WOB RPM		WL	
DEPTH IN	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd	DRILLING HT VIS	G MUD PR	ROPERTIE	S @ SUCTI GELS BIT # WOB RPM		WL	
DEPTH OUT	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2	DRILLING HT VIS	G MUD PR	ROPERTIE	S @ SUCTI GELS BIT # WOB RPM STROKE LINER SPM		WL	
FOOTAGE NOZ. VEL. BIT HHP WHP @ BIT COMDITION T	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3	DRILLING HT VIS	G MUD PR	ROPERTIE	S @ SUCTI GELS BIT # WOB RPM STROKE LINER SPM BPM		WL	
BIT HHP	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3 DEPTH IN	DRILLING HT VIS	G MUD PR	ROPERTIE	S @ SUCTI GELS BIT # WOB RPM STROKE LINER SPM BPM PRESS.	PH	WL	
CUM HRS	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3 DEPTH IN	DRILLING HT VIS	G MUD PR	ROPERTIE	S @ SUCTI GELS BIT # WOB RPM STROKE LINER SPM BPM PRESS.	PH	WL	
FT/HR CONDITION T B	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3 DEPTH IN DEPTH OUT FOOTAGE	DRILLING HT VIS	G MUD PR	ROPERTIE	S @ SUCTI GELS BIT # WOB RPM STROKE LINER SPM BPM PRESS. ANN. VEL	PH	WL	
CONDITION T I I ID	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3 DEPTH IN DEPTH OUT FOOTAGE HRS	DRILLING HT VIS	G MUD PR	ROPERTIE	BIT # WOB RPM STROKE LINER SPM BPM PRESS. ANN. VEL NOZ. VEL BIT HHP	PH	WL	
T B	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3 DEPTH IN DEPTH OUT FOOTAGE HRS CUM HRS	DRILLING HT VIS	G MUD PR	ROPERTIE	BIT # WOB RPM STROKE LINER SPM BPM PRESS. ANN. VEL NOZ. VEL BIT HHP	PH	WL	
B G DP SIZE,TYPE: 4-1/2" NO. DC's: 2 OD.: 4-1/2" ID.: 2" BHA LENGTH: 44' EFF WT: 3000# STABLZR: 1 HWDP: DEVIATION SURVEYS WELL COST DEPTH 205' 705' ACTIVITY DAILY CUM	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3 DEPTH IN DEPTH OUT FOOTAGE HRS CUM HRS FT/HR	DRILLING HT VIS	G MUD PR	ROPERTIE	BIT # WOB RPM STROKE LINER SPM BPM PRESS. ANN. VEL NOZ. VEL BIT HHP	PH	WL	
DP SIZE,TYPE: 4-1/2" NO. DC's: 2 OD.: 4-1/2" ID.: 2" BHA LENGTH: 44' EFF WT: 3000# STABLZR: 1 HWDP: DEVIATION SURVEYS WELL COST DEPTH 205' 705' ACTIVITY DAILY CUM	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3 DEPTH IN DEPTH OUT FOOTAGE HRS CUM HRS FT/HR CONDITION	DRILLING HT VIS	G MUD PR	ROPERTIE	BIT # WOB RPM STROKE LINER SPM BPM PRESS. ANN. VEL NOZ. VEL BIT HHP	PH	WL	
DEVIATION SURVEYS WELL COST DEPTH 205' 705' ACTIVITY DAILY CUM	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3 DEPTH IN DEPTH OUT FOOTAGE HRS CUM HRS FT/HR CONDITION T B	DRILLING HT VIS	G MUD PR	ROPERTIE	BIT # WOB RPM STROKE LINER SPM BPM PRESS. ANN. VEL NOZ. VEL BIT HHP	PH	WL	
DEVIATION SURVEYS WELL COST DEPTH 205' 705' ACTIVITY DAILY CUM	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3 DEPTH IN DEPTH OUT FOOTAGE HRS CUM HRS FT/HR CONDITION T B	DRILLING HT VIS	G MUD PR	ROPERTIE	BIT # WOB RPM STROKE LINER SPM BPM PRESS. ANN. VEL NOZ. VEL BIT HHP	PH	WL	
DEVIATION SURVEYS WELL COST DEPTH 205' 705' ACTIVITY DAILY CUM	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3 DEPTH IN DEPTH OUT FOOTAGE HRS CUM HRS FT/HR CONDITION T B	DRILLING HT VIS	G MUD PR	ROPERTIE	BIT # WOB RPM STROKE LINER SPM BPM PRESS. ANN. VEL NOZ. VEL BIT HHP	PH	WL	
DEVIATION SURVEYS WELL COST DEPTH 205' 705' ACTIVITY DAILY CUM	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3 DEPTH IN DEPTH OUT FOOTAGE HRS CUM HRS FT/HR CONDITION T B G	DRILLING HT VIS BIT DATA	G MUD PR	ROPERTIE	BIT # WOB RPM STROKE LINER SPM BPM PRESS. ANN. VEL NOZ. VEL BIT HHP %HP @ B	PH		Fresh water
DEVIATION SURVEYS WELL COST DEPTH 205' 705' ACTIVITY DAILY CUM	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3 DEPTH IN DEPTH OUT FOOTAGE HRS CUM HRS FT/HR CONDITION T B G DP SIZE, TYPE: 4-1,	DRILLING HT VIS BIT DATA	G MUD PR	ROPERTIE YP	S @ SUCTI GELS BIT # WOB RPM STROKE LINER SPM BPM PRESS. ANN. VEL NOZ. VEL BIT HHP %HP @ B	PH	ID.:	Fresh water
DEPTH 205' 705' ACTIVITY DAILY CUM	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3 DEPTH IN DEPTH OUT FOOTAGE HRS CUM HRS FT/HR CONDITION T B G DP SIZE, TYPE: 4-1,	DRILLING HT VIS BIT DATA	G MUD PR	ROPERTIE YP	S @ SUCTI GELS BIT # WOB RPM STROKE LINER SPM BPM PRESS. ANN. VEL NOZ. VEL BIT HHP %HP @ B	PH	ID.:	Fresh water
DELIVATION DIVINI DIVINI	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3 DEPTH IN DEPTH OUT FOOTAGE HRS CUM HRS FT/HR CONDITION T B G DP SIZE, TYPE: 4-1,	DRILLING HT VIS BIT DATA 2"	MUD PR	ROPERTIE YP	S @ SUCTI GELS BIT # WOB RPM STROKE LINER SPM BPM PRESS. ANN. VEL NOZ. VEL BIT HHP %HP @ B	PH	ID.:	Fresh water
	DEPTH WEIG 855' BIT # SIZE MFG SERIAL # JETS, 32nd 1 2 3 DEPTH IN DEPTH OUT FOOTAGE HRS CUM HRS FT/HR CONDITION T B G DP SIZE, TYPE: 4-1/2 BHA LENGTH: 44	DRILLING HT VIS BIT DATA BIT DATA 2" DEVIATION SI	MUD PR	ROPERTIE YP	S @ SUCTI GELS BIT # WOB RPM STROKE LINER SPM BPM PRESS. ANN. VEL NOZ. VEL BIT HHP %HP @ B	PH	ID.:	Fresh water

•

OPERATOR:	SG Interests, Ltd.
LEASE & WELL #:	Federal 21-7-26 #1
SUPERVISOR:	ML Smith
DAYS FROM SPUD:	6

DATE:	08/10/08	
DEPTH:	855'	
FOOTAGE	0'	
KB (ft):	5'	

	DAILY	DAILY	DAILY	LAST	CUMULATIVE
	DRILLING	EVALUATION	TROUBLE	CUMULATIVE	WELL
ITEM	COST	COST	COST	COST	COST
LOCATION			[\$8,000	\$8,000
FOOTAGE				\$17,100	\$17,100
DAYWORK	\$900			\$7,900	\$8,800
MOBILIZATION				\$2,500	\$2,500
				· · · · · · · · · · · · · · · · · · ·	\$0
MUD/ADDITIVES			 	\$1,876	\$1,876
WATER				\$800	\$800
CHEMICALS					\$0
BITS					\$0
CEMENTING				\$19,544	\$19,544
FUEL				\$1,700	\$1,700
AIR COMPRESSORS			†		\$0
RENTAL TOOLS					\$0
TRANSPORTATION		<u> </u>	 	\$850	\$850
FORMATION EVALUATION				\$3,050	\$3,050
CONTRACT LABOR				\$4,663	\$4,663
SUPERVISION	\$1,200			\$6,000	\$7,200
DIRECTIONAL TOOLS					\$0
FISHING TOOLS					\$0
LOST/DAMAGED EQUIPMENT			<u></u>		\$0
COMPLETION SERVICES			<u> </u>	\	\$0
MISCELLANEOUS	\$195		ļ	\$975	\$1,170 \$4,875
PER DIEN & NIGHT WATCH CASING	\$975			\$3,900	\$4,675 \$15,728
TUBING				\$15,728	\$13,728
WELLHEA		 	 	 	\$0 \$0
VALLETIES	\$3,270	\$0	\$0	\$94,586	
DAILY COST	Ψ5,270	1	+	Ψ34,300	\$3,270
CUMULATIVE COST		 	+	 	\$97,856
		 	 	 	

COMMENTS:	AFE AMOUNT, \$	\$280,375
Misc: - trash basket, backhoe, porta toilet.		······································
D&D Services furnished exceptional work hab	its	
Called C&C Anchor Service to set anchors on	all the drilled wells	
Lindrith will move frac tank in to 26 #1		
There is enough fresh water left on the 26 #1:	and 35 #1 to CO on completions	

Nika Energy Operating, LLC Daily Drilling Report

OPERATOR:
LEASE & WELL #:
SUPERVISOR:
DAYS FROM SPUD
AART.

SG Interests, Ltd.
Federal 21-7-26 #1
ML Smith

DATE: 08/09/08

DEPTH: 855'

FOOTAGE 0'

KB (ft): 5'

5 NDBOP, NUWH, RDMODR

0700 - Startup - Rig Service - Safety Meeting 0730 - TIH to TD w/ 7-7/8" Bit, DC, & DP 0800 - Circ & Cond Hole	
0730 - TIH to TD w/ 7-7/8" Bit, DC, & DP	
0830 - POOH LD DP DC & Bit - Bit on Bank	
0815 - RU JetWest & Log Well - RD JetWest	
1000 - RU Casing Crew & RIH w/ 21 jts of 4-1/2" 10.5# J-55 casing (843.35') - SA 850' KB - Guide shoe on Btm, float collar @ 80	6'
7 Turbolizers	
1130 - Cement Casing w/ 252 sx "G" w/ 1/4# celloflake & 5# gilsonite - 15.3# - 15 Bbl fresh water flush before Cmt.	<u>-</u>
(Superior forgot Chemical wash) - Circulated 10 Bbls good cmt to pit - Bumped plug 500 # over displacement press	
Float held OK	
1330 - CO BOPE & Cellar	
1500 - Prep to Rig Down	
1530 - Secure well & rig - SDFN	
Reserve Pit OK - Appox @ 1/2 Full Fresh water & polymer	
Treserve Tit Ort - Appost & 1/2 Tall Tresit water & polytile	
DRILLING MUD PROPERTIES @ SUCTION PIT	
DEPTH WEIGHT VIS PV YP GELS PH WL SOLIDS	
855' FW polymer Fresh water	
BIT DATA	
BIT# 1 2 BIT# 1 2	
SIZE 12-1/4" 7-7/8" WOB 15,000 15,000	
MFG RR HTC RPM 80 80	
SERIAL# N/A RR	
JETS, 32nd STROKE 10 10	
1 open LINER 5-1/2" 5-1/2" 2 open SPM 68 68	
3 open BPM 6 6	
DEPTH IN 0' 585' PRESS. 100# 400#	
DEPTH OUT 220' 855' ANN. VEL.	
FOOTAGE COOK	
FOOTAGE 220' 270 NOZ. VEL. HRS 4 3.25 BIT HHP	
CUM HRS 34.75 65 %HP @ BIT	
FT/HR 55.0 83.0	
CONDITION	
$-\frac{1}{B}$	
	
DP SIZE,TYPE: 4-1/2" NO. DC's: 2 OD.: 4-1/2" ID.: 2"	
DUA I ENOTIL. AND SEE NATIONAL AND	
BHA LENGTH: 44' EFF WT: 3000# STABLZR: 1 HWDP:	
DEVIATION SURVEYS WELL COST	
DEPTH 205' 705' ACTIVITY DAILY CUM	
DEVIATION 3/4* 1-1/4* DRLG \$38,051	
EVAL \$0	
CONTRACTOR D&D Services #1 COMPL \$0	
TOOLPUSHER Glen Davis TROUBLE \$0 TOTAL \$38,051	98,586
TIOIAL \$00,001	20,000

OPERATOR:	SG Interests, Ltd.	DATE:	08/09/08
LEASE & WELL #:	Federal 21-7-26 #1	DEPTH:	855'
SUPERVISOR:	ML Smith	FOOTAGE	0'
DAYS FROM SPUD:	5	KB (ft):	5'

	DAILY	DAILY	DAILY	LAST	CUMULATIVE
	DRILLING	EVALUATION	TROUBLE	CUMULATIVE	WELL
ITEM	cost	COST	COST	COST	COST
LOCATION				\$8,000	\$8,000
FOOTAGE				\$17,100	\$17,100
DAYWORK	\$2,400			\$5,500	\$7,900
MOBILIZATION				\$2,500	\$2,500
					\$0
MUD/ADDITIVES	\$65			\$1,811	\$1,876
WATER				\$800	\$800
CHEMICALS			-		· \$0
BITS		· · · · · · · · · · · · · · · · · · ·			\$0
CEMENTING	\$10,653			\$8,891	\$19,544
FUEL	\$200			\$1,500	\$1,700
AIR COMPRESSORS				 - • · · · · · · · · · · · · · · · · · ·	\$0
RENTAL TOOLS			 	 	\$0
TRANSPORTATION				\$850	\$850
FORMATION EVALUATION	\$3,050				\$3,050
CONTRACT LABOR Csg Crew	\$2,663			\$2,000	\$4,663
SUPERVISION	\$1,200			\$4,800	\$6,000
DIRECTIONAL TOOLS					\$0
FISHING TOOLS					\$0
LOST/DAMAGED EQUIPMENT			ļ	 	\$0
COMPLETION SERVICES	0105	ļ		0700	\$0 \$975
MISCELLANEOUS PER DIEN & NIGHT WATCH	\$195 \$975		 	\$780	\$3,900
CASING 4-1/2"	\$12.650	 		\$2,925 \$3.078	\$15.728
TUBING	\$12,000		 	\$3,076	Ψ13,720
WELLHEA	\$4,000	 	 	 	\$4,000
	\$38,051	\$0	\$0	\$60,535	
DAILY COST	1	1	1	1-3-2-1	\$38,051
CUMULATIVE COST		1			\$98,586

COMMENTS:	AFE AMOUNT, \$	\$280,375
Misc: - trash basket, backhoe, porta toi	let.	
BLM & NMOCD advised of cementing	I-1/2" csg tomorrow	
Drilling break @ 585'-601'		
Loggers to be on Loc @ 0800 tomorrow	v - Csg crew set up for 1000 hrs - Cementers 1200 hrs.	

Nika Energy Operating, LLC Daily Drilling Report			····	
ets Itd	DATE:	08/08/08		

OPERATOR:
LEASE & WELL #:
SUPERVISOR:
DAYS FROM SPUD
A A DT

SG Interests, Ltd.
Federal 21-7-26 #1
ML Smith
4
Log Well, Run Csg, Cmt.

DATE: 08/08/08

DEPTH: 855'

FOOTAGE 270'

KB (ft): 5'

DRILLING MUD PROPERTIES @ SUCTION PIT				DESCRIPT	ION OF D	AILY ACTI	VITY		
Description	0700 - Startup -	Ria Service	- Safety Me	eeting					
0745 - DNII 7-7/8" hole to 855' 1100 - Circ & Cond Hole 1230 - Pull bit inside Surface Csg 1300 - W/O hole to settle down 1330 - TH - In bridge @ 835 - CO to TD 1400 - Circ & Cond Hole 1500 - Pull bit inside surface csg 1530 - Secure well & Rig 1600 - SDFN Reserve Ptt OK - Appox @ 1/2 Full Fresh water & Polymer DRILLING MUD PROPERTIES @ SUCTION PIT DEPTH	0730 - TIH w/ 7-	7/8" Bit DC.	Reamer. &	DP					
1100 - Circ & Cond Hole							· · · · · · · · · · · · · · · · · · ·		
1230 - PWD hole to settle down 1330 - TWD hole hole 1330 - TWD hole hole hole hole hole hole hole hole									
1300 - TIM - hit bridge @ 835' - CO to TD			e Csq				· · · · · ·		,
1390 - TIH - hit bridge @ 835 - CO to TD									
1400 - Clirc & Cond Hole				TD					
1500 - Pull bit inside surface csg									
1530 - Secure well & Rig			csa	· · · · · · · · · · · · · · · · · · ·					
DRILLING MUD PROPERTIES @ SUCTION PIT								······	
DRILLING MUD PROPERTIES @ SUCTION PIT	1600 - SDFN								
DEPTH WEIGHT VIS PV P GELS PH WL SOLIDS	Reserve Pit OK	- Appox @	1/2 Full Fi	esh water 8	k Polymer		···		
DEPTH WEIGHT VIS PV P GELS PH WL SOLIDS									
DEPTH WEIGHT VIS PV P GELS PH WL SOLIDS			×						
DEPTH WEIGHT VIS PV P GELS PH WL SOLIDS			DO!! LINE	2 1445 554			011 DIT		
BIT DATA	DEDTH 1	MEIGHT	UKILLING	5 MOD PRO	DEK HE	S @ SUCTI		100	SOLIDS
BIT DATA BIT #			VIS	- -	117		Pn	VVL -	
BIT #		1				polymer			
SIZE		BIT	DATA	·		 		L	
MFG	BIT#	1				BIT#	1	2	
SERIAL # N/A RR JETS, 32nd STROKE 10 10 10 10 10 10 10 1		12-1/4"	7-7/8"				15,000	15,000	
JETS, 32nd						RPM	80	80	
1		N/A	RR			-			
2		T	т	r———					
Second		+	 -	 					
DEPTH IN			<u> </u>						
DEPTH OUT 220' 855' ANN. VEL NOZ.			585'	 					
FOOTAGE 220' 270 NOZ. VEL. BIT HHP CUM NOZ. VEL. BIT HHP CONTINUAL NOZ. VEL. SOZ. CONTINUAL NOZ. VEL. SOZ. CONTINUAL NOZ. VEL. SOZ. COMPL SOZ.								400#	
HRS		 		<u> </u>			<u> </u>		
CUM HRS	FOOTAGE	220'				NOZ. VEL			
FT/HR									
CONDITION						%HP @ B	IT		
T		55.0	83.0						
G	T			T	1				
G	 	 	 						
BHA LENGTH:		 	<u> </u>	 					
BHA LENGTH:		·			,				
BHA LENGTH:									
DEVIATION SURVEYS WELL COST	DP SIZE, TYPE	: <u>4-1/2"</u>		_NO. DC's:	2	OD.:	4-1/2"	_ ID.:	2"
DEPTH	BHA LENGTH:	44'		EFF WT:	3000#	_STABLZR	. 1	HWDP:	
DEPTH		DEV	Z MOITAIN	URVEVS				WELLCO	T9
DEVIATION DRLG \$10,693	DEPTH I		1	T		٦	ΔΟΤΙΜΈΝ		
EVAL \$0		 	1	1	 				COIVI
CONTRACTOR D&D Services #1 COMPL \$0 TOOLPUSHER Glen Davis TROUBLE \$0	(32	<u> </u>	<u> </u>		<u>. </u>				
TOOLPUSHER Gien Davis TROUBLE \$0	CONTRACTOR	R D&D Serv	ices #1			7			
						7	TROUBL		
								\$10,693	\$60,635

OPERATOR:	SG Interests, Ltd.
LEASE & WELL #:	Federal 21-7-26 #1
SUPERVISOR:	ML Smith
DAYS FROM SPUD:	4

DATE:	08/08/08	
DEPTH:	855'	
FOOTAGE_	270'	
KB (ft).	5'	

	DAILY	DAILY	DAILY	LAST	CUMULATIVE
	DRILLING	EVALUATION	TROUBLE	CUMULATIVE	WELL
ITEM	COST	COST	COST	COST	COST
LOCATION				\$8,000	\$8,000
FOOTAGE	\$5,400			\$11,700	\$17,100
DAYWORK	\$1,500			\$4,000	\$5,500
MOBILIZATION			·	\$2,500	\$2,500
				3=,=3=	\$0
MUD/ADDITIVES	\$958			\$953	\$1,911
WATER	· · · · · · · · · · · · · · · · · · ·			\$800	\$800
CHEMICALS		 			\$0
BITS		İ			\$0
CEMENTING		1		\$8,891	\$8,891
FUEL	\$400	 		\$1,100	\$1,500
AIR COMPRESSORS			 	 	\$0
RENTAL TOOLS		† 		1	\$0
TRANSPORTATION		· · · · · · · · · · · · · · · · · · ·	 	\$850	\$850
FORMATION EVALUATION		1			\$0
CONTRACT LABOR			1	\$2,000	\$2,000
SUPERVISION	\$1,200			\$3,600	\$4,800
DIRECTIONAL TOOLS					\$0
FISHING TOOLS]				\$0
LOST/DAMAGED EQUIPMENT		ļ			\$0
COMPLETION SERVICES		 	<u> </u>	 	\$0
MISCELLANEOUS	\$260		<u> </u>	\$520	\$780
PER DIEN & NIGHT WATCH	\$975	ļ <u>.</u>	ļ	\$1,950	\$2,925
CASING 8-5/8" TUBING		ļ		\$3,078	\$3,078
WELLHEA		 	 	 	\$0 \$0
AAFFELIEL	\$10.693	\$0	\$0	\$49,942	ΦΟ
DAILY COST	\$10,033	1 20	1	ψ43,34 <u>2</u>	\$10,693
CUMULATIVE COST		 	 	-{ {	\$60.635
		 	 		

COMMENTS:	AFE AMOUNT, \$	\$280,375
Misc: - trash basket, backhoe, porta toilet.		
BLM & NMOCD advised of cementing 4-1/2" of	sg tomorrow	
Drilling break @ 585'-601'		
Loggers to be on Loc @ 0800 tomorrow - Csg	crew set up for 1000 hrs - Cementers 1200 hrs.	

Nika Energy Operating, LLC Daily Drilling Report								
OPERATOR: LEASE & WELL SUPERVISOR: DAYS FROM SE AART:	#: PUD:	SG Interes Federal 21 ML Smith 3 Drilling to	ts, Ltd. -7-26 #1		·	DATE: DEPTH; FOOTAGE KB (ft):	08/07/08 585' 365' 5'	
			DESCRIPT	TION OF E	AILY ACT	IVITY		
0630 - Startup &		ting					<u></u>	
0900 - RU Drillir 0930 - PU 7-7/8	g Nipple	mer & DP	- DILL & Tay	1 UD @ 16	5'			
0945 - Drill Cmt	float & Shoe		- Kill & Tay	1 up @ 10	<u>J</u>			
1145 - Drill 7-7/8 1800 - Circ & Co	ond Hole			·				
1815 - POOH LI 1830 - Secure R			· · · · · · · · · · · · · · · · · · ·					· · · · · · · · · · · · · · · · · · ·
1900 - SDFN								
Reserve Pit OK	- Appox @	1/3 Full F	resh water					
			_					
DEPTH	WEIGHT	DRILLIN VIS	G MUD PRO	OPERTIES YP	© SUCTI	ON PIT	WL T	SOLIDS
585'	FW				polymer			Fresh water
BIT#	BIT	DATA	ll		Dix #			
SIŻE	12-1/4"	2 7-7/8"			BIT # WOB	1 15,000	2 15,000	
MFG SERIAL#	RR N/A	HTC RR			RPM	80	80	
JETS, 32nd	open		1		STROKE LINER	10 5-1/2"	10 5-1/2"	
3	open open			ı	SPM BPM	68 6	68 6	
DEPTH IN	0' 220'	220' 585'			PRESS. ANN. VEL	100#	400#	
FOOTAGE	220'	365'			NOZ. VEL			
HRS CUM HRS	34.75	8.5			BIT HHP			
FT/HR	55.0	61.75 43.0			%HP @ E	511	<u> </u>	
CONDITION								
B G			<u> </u>					
					•			
						****		2"
BHA LENGTH: 44' EFF WT: 3000# STABLZR: 1 HWDP:								
DEPTH	DEV	/IATION S	URVEYS	ı	٦	ACTIVITY	WELL CO	ST CUM
DEVIATION]	DRLG EVAL	\$15,776 \$0	
CONTRACTOR]	COMPL	\$0	
TOOLI OSTIER	TOIGH DAVIS	· · · · · · · · · · · · · · · · · · ·			┘	TROUBL TOTAL		

	SG Interests, Ltd.
LEASE & WELL #:	Federal 21-7-26 #1
SUPERVISOR:	ML Smith
DAYS FROM SPUD:	3

DATE:	08/07/08	
DEPTH:	585'	
FOOTAGE	365'	
KB (ft):	5'	

	DAILY	DAILY	DAILY	LAST I	CUMULATIVE
	DRILLING	EVALUATION	TROUBLE	CUMULATIVE	WELL
ITEM	COST	COST	COST	COST	COST
LOCATION	1			\$8,000	\$8,000
FOOTAGE	\$7,300			\$4,400	\$11,700
DAYWORK				\$4,000	\$4,000
MOBILIZATION				\$2,500	\$2,500
					\$0
MUD/ADDITIVES .	\$563	i		\$390	\$953
WATER				\$800	\$800
CHEMICALS					\$0
BITS					\$0
CEMENTING	1			\$8,891	\$8,891
FUEL	\$400			\$700	\$1,100
AIR COMPRESSORS		<u> </u>			\$0
RENTAL TOOLS					\$0
TRANSPORTATION	-			\$850	\$850
FORMATION EVALUATION					\$0
CONTRACT LABOR BOPE Tests	\$2,000				\$2,000
SUPERVISION	\$1,200			\$2,400	\$3,600
DIRECTIONAL TOOLS					\$0
FISHING TOOLS					\$0
LOST/DAMAGED EQUIPMENT					\$0
COMPLETION SERVICES					\$0
MISCELLANEOUS	\$260	<u> </u>	<u> </u>	\$260	\$520
PER DIEN & NIGHT WATCH	\$975		<u> </u>	\$975	\$1,950
CASING 8-5/8"	\$3,078		ļ <u>.</u>	ļ	\$3,078
TUBING WELLHEA		ļ	<u> </u>	 	\$0 \$0
VVELLNEF	\$15,776	\$0	\$0	624 466	\$0
DAILY COST	\$15,776	1 20	\$0	\$34,166	\$15,776
CUMULATIVE COST		 	 	 	\$49.942
		 	 	 	1
		.1	. 1		

COMMENTS:	AFE AMOUNT, \$	\$280,375
Misc: - trash basket, backhoe, porta toilet.		
BLM & NMOCD no shows		
Most of liquid hauled off on drilled wells.		

	Nika Energy Operating, LI Daily Drilling Repor			
OPERATOR: LEASE & WELL #: SUPERVISOR: DAYS FROM SPUD: AART:	SG Interests, Ltd. Federal 21-7-26 #1 ML Smith 2 BOPE Tests	DATE: DEPTH: FOOTAGE KB (ft):	08/06/08 220' 0' 5'	

			DESCRIP	TION OF E	AILY ACTI	VITY		
0630 - Startup 8	Safety Mee	ting						
0700 - RIH to B								
0730 - PU & RII	∃ w/ 5 jts 8-5	/8" 24# J-5	5 8rd casir	ng - SA 217	' KB - Guid	e shoe on	BTM - Insert	float @ 174' KB - 3 centralizers
0915 - RU Supe	rior and cmt	8-5/8" csg	w/ 170 sx	Type 5 with	n 2% CaCl	+ 1/4#/sx c	elloflake - 16	.6# slurry - Circ 10 Bbls good
	to pit - Bump		1340 psi -	float held				
1045 - RD Supe		nt						
1700 - NUBOPI								
1800 - Secure v	vell & Rig SD	FN						
 								
			· · · · · · · · · · · · · · · · · · ·					
Passage Dit Old		40 F # F						
Reserve Pit OK	- Appox @	1/3 Full F	resn water					
								
					·			
		DRILLIN	G MUD PR	OPERTIES	S @ SUCTI	ON PIT		
DEPTH	WEIGHT	VIS	PV	YP	GELS	PH	WL	SOLIDS
220'	FW							Fresh water
L		54-4	<u> </u>	L				
BIT#	BI1	DATA		1	DIT #			
SIZE	12-1/4"			-	BIT# WOB	1 15,000	 	
MFG	RR				RPM	80		
SERIAL#	N/A			1	I VI IVI			
JETS, 32nd		·—	\	J	STROKE	10	[
1	open]	LINER	5-1/2"		
2	open			ļ	SPM	68		
3 DEPTH IN	open 0'		} _ ·	1	BPM PRESS.	6	 	
DEPTH OUT	220'	 	 	-	ANN. VEL	100#	 	
1	<u></u> -		 	┪	AININ. VL.	 -		
FOOTAGE	220'		1	1	NOZ. VEL		1	
HRS	4]	BIT HHP			
CUM HRS	34.75	ļ		1	%HP @ E	BIT		
CONDITION	55.0	l	ــــــــــــــــــــــــــــــــــــــ	J				
T		1		7				
В		 	 	1				
G				3				
DP SIZE,TYPE	:4-1/2"		NO. DC's	:2	OD.	:4-1/2"_	ID.: _	
BHA LENGTH	42'		_ EFF WT	:_3000#	_STABLZR	:	_ HWDP:	
	סבי	//ATION C	ווחערעס					
DEPTH	T DEV	VIATION S	UKVEYS	1	٦	ACTIVITY	WELL COS	CUM
DEVIATION	+	 -	 	 		ACTIVITY DRLG	Y DAILY \$15,756	COIVI
	<u> </u>	<u> </u>				EVAL	\$15,750	
CONTRACTO	R D&D Servi	ices #1			7	COMPL	\$0	
TOOLPUSHER	R Glen Davis	s			ヿ	TROUBL		
					_	TOTAL	\$15,756	\$34,166

OPERATOR:	SG Interests, Ltd.
LEASE & WELL #:	Federal 21-7-26 #1
SUPERVISOR:	ML Smith
DAYS FROM SPUD:	2

DATE:	08/06/08	
DEPTH: -	220'	
FOOTAGE	0'	
KB (ft):	5'	

	DAILY	DAILY	DAILY	LAST	CUMULATIVE
	DRILLING	EVALUATION	TROUBLE	CUMULATIVE	WELL
ITEM	COST	COST	COST	COST	COST
LOCATION				\$8,000	\$8,000
FOOTAGE				\$4,400	\$4,400
DAYWORK	\$4,000				\$4,000
MOBILIZATION				\$2,500	\$2,500
					\$0
MUD/ADDITIVES	\$130			\$260	\$390
WATER				\$800	\$800
CHEMICALS					\$0
BITS					\$0
CEMENTING	\$8,891				\$8,891
FUEL	\$300		<u> </u>	\$400	\$700
AIR COMPRESSORS					\$0
RENTAL TOOLS				l	\$0
TRANSPORTATION			 	\$850	\$850
FORMATION EVALUATION			1		\$0
CONTRACT LABOR			1		\$0
SUPERVISION	\$1,200			\$1,200	\$2,400
DIRECTIONAL TOOLS					\$0
FISHING TOOLS			ļ		\$0
LOST/DAMAGED EQUIPMENT COMPLETION SERVICES			<u> </u>		\$(
MISCELLANEOUS	\$260	ļ.—	 -	ļ	· \$260
PER DIEN & NIGHT WATCH	\$975	 	 	 	\$979
CASING	Ψ313	 	 	 	\$
TUBING		 	 	 	\$
WELLHEA		†	 	†	\$
	\$15,756	\$0	\$0	\$18,410	
DAILY COST					\$15,75
CUMULATIVE COST					\$34,16
			1		

COMMENTS:	AFE AMOUNT, \$	\$280,375
Misc: - trash basket, backhoe, porta toilet.		
BLM & NMOCD no show - Notified for BOPE Tests		
		- · · · · · · · · · · · · · · · · · · ·

		Nika E	nergy Opera	ting, LLC Report			
OPERATOR: LEASE & WELL # SUPERVISOR: DAYS FROM SPL AART:	Fede ML S JD:	interests, Ltd. eral 21-7-26 #1 Smith 1 Surface Csg &		•	DATE: DEPTH: FOOTAGE KB (ft):	08/05/08 220' 220' 5'	
,		DESCR	IPTION OF I	DAILY ACT	IVITY		
0630 - Startup & S	Safety Meeting	· · · · · · · · · · · · · · · · · · ·					
1100 - Spud 12-1/ 1500 - Circ & Con		to 220'					
1530 - POOH LD	100' DP						
1600 - Secure We	ell & Rig						
<u>·</u>							· · · · · · · · · · · · · · · · · · ·
Reserve Pit OK -	Appox @ 1/3	Full Fresh wat	er		· · · · · · · · · · · · · · · · · · ·	<u> </u>	
DEPTH	DR WEIGHT V	RILLING MUD I	PROPERTIE:	S @ SUCTI GELS	ON PIT	WL	SOLIDS
220'	FW			OLES .	FIL		Fresh water
BIT#	BIT DAT	A	<u></u>	<u> </u>			
SIZE	12-1/4"			BIT # WOB	1 15,000		
MFG SERIAL#	RR N/A		\exists	RPM	80	l	
JETS, 32nd 1	open			LINER	10 5-1/2"		
3	open open		7	SPM BPM	68 6		
DEPTH IN	0' 220'		Π΄	PRESS. ANN. VEL	100#		
FOOTAGE	220'			NOZ. VEL			
HRS CUM HRS	4			BIT HHP %HP @ B			
FT/HR CONDITION	55.0			[701 11 @ E	<u> </u>	·	
T							
G							
DP SIZE,TYPE:	4-1/2"	NO. DO	D's:2_	OD.	: 4-1/2"	ID.:	·
		ION SURVEYS		-		WELL CO	
DEPTH DEVIATION					ACTIVITY	DAILY \$18,410	CUM
CONTRACTOR	D&D Services	#1		_ _	EVAL	\$0	
TOOLPUSHER	Glen Davis	т і		_	TROUBLE	\$0	
<u> </u>					TOTAL	\$18,410	\$18,410

OPERATOR:	SG Interests, Ltd.	DATE:	08/05/08	
LEASE & WELL #:	Federal 21-7-26 #1	DEPTH:	220'	
SUPERVISOR:	ML Smith	FOOTAGE	220'	
DAYS FROM SPUD:	1	KB (ft):	5'	

COST		CUMULATIVE	LAST	DAILY	DAILY	DAILY	
LOCATION \$8,000 FOOTAGE \$4,400 DAYWORK MOBILIZATION \$2,500 MUD/ADDITIVES \$260 WATER \$800 CHEMICALS BITS CEMENTING FUEL \$400 AIR COMPRESSOR! RENTAL TOOLS TRANSPORTATION \$850 FORMATION EVALUATION CONTRACT LABOR SUPERVISION \$1,200 DIRECTIONAL TOOLS FISHING TOOLS LOST/DAMAGED EQUIPMENT COMPLETION SERVICES MISCELLANEOUS PER DIEN & NIGHT WATCH CASING TUBING WELLHEF \$18,410 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$		WELL.	CUMULATIVE	TROUBLE	EVALUATION	DRILLING	
FOOTAGE \$4,400 DAYWORK MOBILIZATION \$2,500 MUD/ADDITIVES \$260 WATER \$800 CHEMICALS BITS CEMENTING FUEL \$400 AIR COMPRESSOR; RENTAL TOOLS TRANSPORTATION \$850 FORMATION EVALUATION CONTRACT LABOR SUPERVISION \$1,200 DIRECTIONAL TOOLS FISHING TOOLS LOST/DAMAGED EQUIPMENT COMPLETION SERVICES MISCELLANEOUS PER DIEN & NIGHT WATCH CASING TUBING WELLHEA DAILY COST	ST	COST	COST	COST	COST	COST	ITEM
FOOTAGE \$4,400 DAYWORK MOBILIZATION \$2,500 MUD/ADDITIVES \$260 WATER \$800 CHEMICALS BITS CEMENTING FUEL \$400 AIR COMPRESSOR; RENTAL TOOLS TRANSPORTATION \$850 FORMATION EVALUATION CONTRACT LABOR SUPERVISION \$1,200 DIRECTIONAL TOOLS FISHING TOOLS LOST/DAMAGED EQUIPMENT COMPLETION SERVICES MISCELLANEOUS PER DIEN & NIGHT WATCH CASING TUBING WELLHEA DAILY COST							
DAYWORK MOBILIZATION \$2,500 MUD/ADDITIVES \$260 WATER \$800 CHEMICALS BITS CEMENTING FUEL \$400 AIR COMPRESSORS RENTAL TOOLS TRANSPORTATION \$850 FORMATION EVALUATION CONTRACT LABOR SUPERVISION \$1,200 DIRECTIONAL TOOLS TISHING TOOLS LOST/DAMAGED EQUIPMENT COMPLETION SERVICES MISCELLANEOUS PER DIEW & NIGHT WATCH CASING TUBING WELLHEA DAILY COST \$18,410 \$0 \$0 \$0	\$8,000					\$8,000	
MOBILIZATION \$2,500 MUD/ADDITIVES \$260 WATER \$800 CHEMICALS \$150 BITS \$150 CEMENTING \$150 FUEL \$400 AIR COMPRESSOR! \$150 RENTAL TOOLS \$150 TRANSPORTATION \$150 FORMATION EVALUATION \$1,200 CONTRACT LABOR \$1,200 SUPERVISION \$1,200 DIRECTIONAL TOOLS \$1,200 FISHING TOOLS \$1,200 LOST/DAMAGED EQUIPMENT \$1,200 COMPLETION SERVICES \$100 MISCELLANEOUS \$100 PER DIEW & NIGHT WATCH \$100 CASING \$100 TUBING \$18,410 WELLHEA \$18,410 DAILY COST	\$4,400					\$4,400	FOOTAGE
MUD/ADDITIVES \$260 WATER \$800 CHEMICALS BITS CEMENTING FUEL AIR COMPRESSORS RENTAL TOOLS TRANSPORTATION FORMATION EVALUATION CONTRACT LABOR SUPERVISION DIRECTIONAL TOOLS FISHING TOOLS LOST/DAMAGED EQUIPMENT COMPLETION SERVICES MISCELLANEOUS PER DIEW & NIGHT WATCH CASING TUBING WELLHEA DAILY COST	\$0_					,	DAYWORK
WATER \$800 CHEMICALS \$800 BITS \$800 CEMENTING \$400 FUEL \$400 AIR COMPRESSOR! \$850 RENTAL TOOLS \$850 TRANSPORTATION \$850 FORMATION EVALUATION \$850 CONTRACT LABOR \$1,200 SUPERVISION \$1,200 DIRECTIONAL TOOLS \$1,200 FISHING TOOLS \$1,200 LOST/DAMAGED EQUIPMENT \$600 COMPLETION SERVICES \$100 MISCELLANEOUS \$100 PER DIEW & NIGHT WATCH \$100 CASING \$100 TUBING \$18,410 WELHEA \$18,410 DAILY COST \$0	\$2,500					\$2,500	MOBILIZATION
WATER \$800 CHEMICALS \$800 BITS \$800 CEMENTING \$400 FUEL \$400 AIR COMPRESSOR! \$850 RENTAL TOOLS \$850 TRANSPORTATION \$850 FORMATION EVALUATION \$850 CONTRACT LABOR \$1,200 SUPERVISION \$1,200 DIRECTIONAL TOOLS \$1,200 FISHING TOOLS \$1,200 LOST/DAMAGED EQUIPMENT \$600 COMPLETION SERVICES \$100 MISCELLANEOUS \$100 PER DIEW & NIGHT WATCH \$100 CASING \$100 TUBING \$18,410 WELHEA \$18,410 DAILY COST \$0	\$0_						
CHEMICALS BITS CEMENTING FUEL \$400 S400 S400	\$260					\$260	MUD/ADDITIVES
BITS S	\$800					\$800	WATER
CEMENTING \$400 FUEL \$400 AIR COMPRESSOR! \$850 RENTAL TOOLS \$850 TRANSPORTATION \$850 FORMATION EVALUATION \$850 CONTRACT LABOR \$1,200 SUPERVISION \$1,200 DIRECTIONAL TOOLS \$1,200 FISHING TOOLS \$1,200 LOST/DAMAGED EQUIPMENT \$1,200 COMPLETION SERVICES \$1,200 MISCELLANEOUS \$1,200 PER DIEW & NIGHT WATCH \$1,200 CASING \$1,200 TUBING \$1,200 WELLHEA \$1,200 DAILY COST \$1,200	\$0						CHEMICALS
FUEL \$400 AIR COMPRESSOR! RENTAL TOOLS TRANSPORTATION \$850 FORMATION EVALUATION CONTRACT LABOR SUPERVISION \$1,200 DIRECTIONAL TOOLS FISHING TOOLS LOST/DAMAGED EQUIPMENT COMPLETION SERVICES MISCELLANEOUS PER DIEN & NIGHT WATCH CASING TUBING WELLHEA \$18,410 \$0 \$0 \$0	\$0						BITS
AIR COMPRESSORS RENTAL TOOLS TRANSPORTATION \$850 FORMATION EVALUATION CONTRACT LABOR SUPERVISION \$1,200 DIRECTIONAL TOOLS FISHING TOOLS LOST/DAMAGED EQUIPMENT COMPLETION SERVICES MISCELLANEOUS PER DIEN & NIGHT WATCH CASING TUBING WELLHEA \$18,410 \$0 \$0 \$0	\$0						CEMENTING
AIR COMPRESSORS RENTAL TOOLS TRANSPORTATION \$850 FORMATION EVALUATION CONTRACT LABOR SUPERVISION \$1,200 DIRECTIONAL TOOLS FISHING TOOLS LOST/DAMAGED EQUIPMENT COMPLETION SERVICES MISCELLANEOUS PER DIEN & NIGHT WATCH CASING TUBING WELLHEA \$18,410 \$0 \$0 \$0	\$400					\$400	FUEL
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CONTRACT LABOR SUPERVISION \$1,200 DIRECTIONAL TOOLS FISHING TOOLS LOST/DAMAGED EQUIPMENT COMPLETION SERVICES MISCELLANEOUS PER DIEN & NIGHT WATCH CASING TUBING WELLHEA \$18,410 \$0 \$0 \$0	\$850					\$850	
SUPERVISION \$1,200	\$0						
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	\$18,410		 	- 40	1	₩ 10,410	DAILY COST
	\$18,410		 		 		CUMULATIVE COST
			1		1		

COMMENTS:	AFE AMOUNT, \$	\$280,375
Misc: - trash basket, backhoe, porta toilet.		
BLM & NMOCD notified of Surface Pipe ce	menting job & BOPE Tests	
Transportation Costs include hauling 8-5/8	csg & wellhead from Farmington + & jts 4-1/2" form South CDP.	

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TH INTE	RVAL	DRILLED			ΙΔΤΙΩΝ		ROTAF	Y	1 1 2 8 5 5 7 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	PUMP	NO.1	PUMF	NO.2	PUMP	NO.3	PUM	P NO: 4	/ TOTAL
45 6 8 W	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COREC	P - 2 4 5 6 3 3 3	FORM SHOW COR	21 2 2 2	RY)	ROTAF TABL SPEE	BIT	RUMP PRESSURE	LINER	NO.11	LINER	Mana / 135 to	LINER	NO.3	LINER	S.P.M.	TOTAL RUMP OUTPUT
4. 1. 1. J. J.		COREC		FORM SHOW COR	222 Fre - 25	RY)	TABL	E Para	PUMP	: 1721 APL Diez , 161 1.29 (1. 622 **********************************		10838 PR 4513 P	NO. 2	1 0 3 9 9 9		200	· (東本、) (新世)	TOTAL RUMP OUTPUT
80 6 8 JA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	REAM.R CORE.C	ار ۱۵۰	FORM SHOW COR	E RECOVE	RY)	SPEE	BIT	RUMP PRESSURE	LINER		LINER	NO. 2	LINER		LINER	S.P.M.	TOTAL, RUMPA OUTPUT
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IATION	TO	REAMIR	NO.	FORM Show con	ERECOVE	RY)	SPEE	E BIT	PRESSURE	EINER	S.P.M.	LINER SIZE	NO.2	LINER	S:P.M.	LINER	S.P.M.	OUTPUT SCAR
IATION	TO DEPTH	REAMIR	NO.	FORM SHOW COR	ERECOVE	RY)	SPEE	E BIT	PRESSURE	EINER	S.P.M.	LINER SIZE	NO.2	LINER	S:P.M.	LINER	S.P.M.	OUTPUT SCAR
IATION CORD	TO DEPTH	DEV ELAPSED TIME	NO.	FORM SHOW COR TVD	HORIZ DISP	RY)	TABL SPEE	E BIT	RUMP PRESSURE DIR	EINER	S.P.M.	LINER SIZE	NO.2	LINER	S:P:M	LINER	S.P.M.	OUTPUT SCAR
IATION CORD	DEPTH TO	DEV ELAPSED TIME	DIR	FORM SHOW COR TVD	HORIZ DISP	RY)	TABL SPEE	DEV.	RUMP PRESSURE DIR	EINER	S.P.M.	ZZ C	S.P.M.	LINER SIZE	S:P:M	LINER	S.P.M.	OUTPUT SCAR
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	DAY, CREW DRILLER DERRICKMAN MOTORMAN FIREMAN FLOORMAN FLOORMAN FLOORMAN CRANE SUPT MECHANIC WELDER	OUR	i September 1	ROM.	RY. Mile Cory	NAME NAME		10/14 10/14 10/14	INITIAL PT ML	NO?
	DAY TO CREW DRILLER DERRICKMAN MOTORMAN FIREMAN FLOORMAN FLOORMAN CRANE SUPT MECHANIC WELDER ROUSTABOUT	OUR	i September 1	ROM.	RY. Mile Cory Theodore	NAME NAME		10/14 10/14 10/14	INITIAL PT ML	NO?
	DAY, CREW DRILLER DERRICKMAN MOTORMAN FIREMAN FLOORMAN FLOORMAN CRANE SUPT MECHANIC WELDER ROUSTABOUT ROUSTABOUT	OUR	i September 1	ROM.	RY. Mile Cory Theodore	NAME NAME		10/14 10/14 10/14	INITIAL PT ML	NO?
	DAY, CREW DRILLER DERRICKMAN MOTORMAN FIREMAN FLOORMAN FLOORMAN CRANE SUPT MECHANIC WELDER ROUSTABOUT ROUSTABOUT	OUR	i September 1	ROM.	RT. MILE Coey Theodore	NAME NAME		10/14 10/14 10/14	INITIAL PT ML	NO?
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(2)	DAY, CREW DRILLER DERRICKMAN MOTORMAN FIREMAN FLOORMAN FLOORMAN CRANE SUPT MECHANIC WELDER ROUSTABOUT ROUSTABOUT	OUR	PL:ID N	ROM 2	RT. MILE Coey Theodore	NAME NAME		10/14 10/14 10/14	INITIAL PT ML	NO?
	DAY, CREW DRILLER DERRICKMAN MOTORMAN FIREMAN FLOORMAN FLOORMAN CRANE SUPT MECHANIC WELDER ROUSTABOUT ROUSTABOUT	OUR	PL:ID N	ROM 2	RT. MILE Coey Theodore	NAME NAME		10/14 10/14 10/14	INITIAL PT ML	NO?

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	TIME DISTRI		- HOU	75 			(At end of tour)	1		BIT	RECORD			MUD H	RECORD		
	OPERATION	N N	GHT	DAY	NO.	17	TEM	LENGTH	BIT NO.				TIME				
1 RI	IG UP AND EAR DOWN					віт			SIZE				WEIGHT		,		
2. D	RILL ACTUAL			84					IADC COL	DE			PRESSURE GRADIENT				
3 R	EAMING					T			MANUFA	CTURER			FUNNEL VISCOSITY				
	ORING			, å		-	OD		TYPE				PV/YP	7			1
5. &	ONDITION MUD CIRCULATE	<u> </u>		1/4			OD		SERIAL N	О.		//	GEL	 	 	 	\parallel
6 TI	RIPS			3/4			OD		JETS				STRENGTH	 	/-	 	\parallel
7 LI	UBRICATE RIG			12			OD		TFA				LOSS			-	-
	EPAIR RIG						OD		DEPTH O	UT			pH				
9 DI	UT OFF RILLING LINE								DEPTH IN				SOLIDS				
10 DI	EVIATION SUR	VEY							TOTAL DE				-				
11 W	IRE LINE LOGS	3				STAND	S_DP						TYPE	MUD & CHEM	MICALS ADDED	AMOUNT	1
12 RU	UN CASING & CEM	MENT				SINGLE	S DP		TOTAL HO		STRUCTURE		TYPE	AMOUNT	TYPE	AMOUNT	
13. W	AIT ON CEMEN	IT							INNER		DULL CHAR						-
14 NI	IPPLE UP B O P			1/2_		KELLY	DOWN		BEARINGS/		OTHER	DEASON			1.	-	
15 TE	EST B O P			11/2		TOTAL			BEARINGS/ SEALS	GAGE	OTHER DULL CHAR	REASON PULLED					∦
16 DF	RILL STEM TES	т			wт о	F STRING	•										
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21		Maj		1/4	Section 1998	7.79		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		25 250.00		LLER	II.A. 194 197 50	.s.	Parallel 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Y-1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
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21 22.				1/4	NO.	/ 6/- 1/. / / 1 	At end of tour	146 ([200])	BIT NO.	· · · · · · · · · · · · · · · · · · ·	RECORD						
21 22. 23.	SHUTDU -	NG		1/4	NO.	П	LING ASSEM At end of tour)	LENGTH	BIT NO.	SECTION AND ADMINISTRATION OF THE PROPERTY OF	RECORD		TIME	MUDR			
22.	A PERFORATI	NG		1/4	NO.	/ 6/- 1/. / / 1 	At end of tour	LENGTH	BIT NO. SIZE		RECORD		TIME				
21 22. 23.	A PERFORATI	NG		1/4	NO.	П	At end of tour	LENGTH	BIT NO. SIZE IADC COE	DE	RECORD		WEIGHT PRESSURE GRADIENT	- Res			
21 22. 23.	A PERFORATI B TUBING TRI C TREATING D SWABBING E TESTING	NG		1/4	NO.	П	At end of tour	LENGTH	SIZE IADC COE	DE	NECORD NEC		WEIGHT PRESSURE	- Res	r ee_		
21 22. 23.	A PERFORATI B TUBING TRI C TREATING D SWABBING	NG		1/4	NO.	П	TEM	LENGTH	BIT NO. SIZE IADC COE MANUFAC	DE CTURER	TIME ORC		WEIGHT PRESSURE GRADIENT FUNNEL	- Res	r ee_		
21 22. 23. NONFETION	A PERFORATI B TUBING TRI C TREATING D SWABBING E TESTING	NG		1/4	NO.	П	OD OD	LENGTH	BIT NO. SIZE IADC COE MANUFAC TYPE SERIAL N	DE CTURER	PAC OAC 8.2		TIME WEIGHT PRESSURE GRADIENT FUNNEL VISCOSITY	- Res	r ee_		
21 22. 23. NOLLETION	A PERFORATI B TUBING TRI C TREATING D SWABBING E TESTING F	NG			NO.	П	OD OD OD	LENGTH	BIT NO. SIZE IADC COE MANUFAC	DE CTURER	TIME ORC		WEIGHT PRESSURE GRADIENT FUNNEL VISCOSITY PV/YP GEL	- Res	r ee_		
21 22. 23. NOLLETION	A PERFORATI B TUBING TRI C TREATING D SWABBING E TESTING F G. H	NG PS		1/4	NO.	П	OD OD OD	LENGTH	BIT NO. SIZE IADC COE MANUFAC TYPE SERIAL N	DE CTURER	PAC OAC 8.2		TIME WEIGHT PRESSURE GRADIENT FUNNEL VISCOSITY PV/YP GEL STRENGTH FLUID	- Res	r ee_		
21 22. 23. 23.	A PERFORATI B TUBING TRI C TREATING D SWABBING E TESTING F G. H	NG PS	MARY Y.Y.		NO.	П	OD OD OD	LENGTH	BIT NO. SIZE IADC COE MANUFAC TYPE SERIAL N JETS	DE CTURER	PAC OAC 8.2		TIME WEIGHT PRESSURE GRADIENT FUNNEL VISCOSITY PV/YP GEL STRENGTH FLUID LOSS pH	- Res	r ee_		
22. 23. 23. 20 COMPLETION	A PERFORATI B TUBING TRI C TREATING D SWABBING E TESTING F G. H	NG PS	MARY Y)		NO.	П	OD OD OD	LENGTH	BIT NO. SIZE IADC COD MANUFAC TYPE SERIAL N JETS TFA	DE CTURER O	PAC OAC 8.2		TIME WEIGHT PRESSURE GRADIENT FUNNEL VISCOSITY PV/YP GEL STRENGTH FLUID LOSS	- Res	r ee_		
22. 22. 23. COMPLETION TOTAL	A PERFORATI B TUBING TRI C TREATING D SWABBING E TESTING F G. H LS DAYWORK	NG PS	IIIMARY Y)		NO.	ВІТ	OD OD OD OD	LENGTH	BIT NO. SIZE IADC COE MANUFAC TYPE SERIAL N JETS TFA DEPTH OU	DE CTURER O	770 170 170 090 3+4		WEIGHT PRESSURE GRADIENT FUNNEL VISCOSITY PV/YP GEL STRENGTH FLUID LOSS pH SOLIDS	Color Color	r el		
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DAILY DRILLING REPORT

REPORT NO.

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CAPI

OVED



APPROVED

No. 6686181

Submit To Appropri Two Copies					State of No								·		orm C-105	
District I 1625 N French Dr,	Hobbs, NM	88240	Eı	nergy,	Minerals an	ıd Na	atura	l Re	esources		1. WELL	API	NO	Revised A	August 1, 2011	
District II 811 S. First St , Arte	sıa, NM 882	10		Ωi	l Conserva	ition	Div	isic	n		30-043-21	062				
District III 1000 Rio Brazos Rd	, Aztec, NM	187410			20 South S						2. Type of L		☐ FEE	E ⊠ FED/INI	DIAN	
District IV 1220 S. St Francis I	Or , Santa Fe	, NM 87505			Santa Fe, 1	NM	875	05		ł				NMNM9973		
		ETION OI	REC	OMPL	ETION RE	POI	RT A	NE	LOG							
4. Reason for filir	ıg:				•						5. Le	ase N	Jame or Ui Federal	nit Agreement N 21-7-26	ame	
☐ COMPLETION	ON REPO	RT (Fill in bo	xes#1 thro	ough #31	for State and Fe	e well	ls only)		-	6. Well Number					
#33, attach this and	d the plat to									or				#1		
	ELL 🔲	WORKOVER	☐ DEE	ENING	□PLUGBAC	к 🗆	DIFF	ERE	NT RESERV	OIR						
8. Name of Operat		erests I, Ltd.								-	9 OGRID 020572	2				
10 Address of Op	erator		ranga CC	91202							11 Pool nam Basin Fr					
12.Location				ship	Range	Lot			Feet from th	ne l	N/S Line		et from the	E/W Line	County	
Surface:																
BH:	·															
	13 Date Spudded 14. Date T D. Reached				Released /2008						(Ready to Pro		R	7 Elevations (D		
18 Total Measure	d Depth of	Well	19.	Plug Bac	k Measured De	pth		20	Was Directi	ona	l Survey Made	.7	21. Typ	oe Electric and C	ther Logs Run	
22 Producing Inte	rval(s), of t	this completio	n - Top, Bo	ottom, Na	ıme			1						······································		
23					ING REC	OR	D (R			in٤						
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24.				LIN	ER RECORD				T	25		ГUВІ	NG REC			
SIZE	TOP		BOTTOM		SACKS CEM	IENT	SCF	REEN	1	SIZ	Œ	D	EPTH SE	T PACE	CER SET	
	-	_										- -				
26 Perforation r	ecord (inte	rval, size, and	number)							FRA	ACTURE, CI					
							DEI	PTH I	INTERVAL		AMOUNT A	AND.	KIND MA	TERIAL USED		
										_						
28.				the LATI					ΓΙΟΝ		W-II Cart	- /D	1 (1)			
Date First Producti	on	Proc	uction Me	unoa (Fia	owing, gas lift, p	umpin	ig - Si2	e and	а туре ритр)		Well Status	s (Pro	oa, or snui	- <i>in)</i>		
Date of Test	Hours To	ested	Choke Sızı	9	Prod'n For Test Period		Oil	- Bbl		Gas	- MCF		/ater - Bbl	Gas -	Oil Ratio	
Flow Tubing Press	Casing P		Calculated Hour Rate	24-	Oıl - Bbl			Gas -	- MCF	_ 	Water - Bbl	1	Oıl Gra	avity - API - (Co	rr)	
29 Disposition of	Gas (Sold,	used for fuel,	vented, etc) 			1.					30	Test Witne	essed By		
31 List Attachmen	ts															
32. If a temporary	pit was use	dat the well.	ittach a pla	nt with the	e location of the	tempo	orary i	oit	 							
33 If an on-site bu	rial was us	ed at the well,	report the	exact loc					Attached							
I hereby certify	that the	information	n shown								<u>-107.54419°W</u> to the best o		knowle		D 1983	
Signature \		2		Pr	inted ame Willia	-			-		gent for SC			2/19/2011	ļ	
E-mail Address	ripp@	nikaener	gy.com													
	1															

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southe	astern New Mexico	Northy	western New Mexico
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen_	T. Silurian	T. Menefee	T. Madison_
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian_	
			OIL OR GAS SANDS OR ZONE

			SANDS OR ZONES
No. 1, from	to	No. 3, from	to
No. 2, from	to	No. 4, from	to
	IMPORTANT V	WATER SANDS	
Include data on rate of	water inflow and elevation to which wate	r rose in hole.	
No. 1, from	to	feet	
No. 2, from	to	feet	
No. 3, from	to	feet	
	LITHOLOGY RECORD (Attach additional sheet is	f necessary)

From	То	Thickness In Feet	Lithology	Fı	rom	То	Thickness In Feet	Lithology
						(

District I

1625 N. French Dr. Hobbs, NM 88240 District II

1301 W Grand Avenue, Artesia, NM 88210

District III

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

1000 Rio Brazos Rd., Aztec, NM 87410

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

State of New Mexico

1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

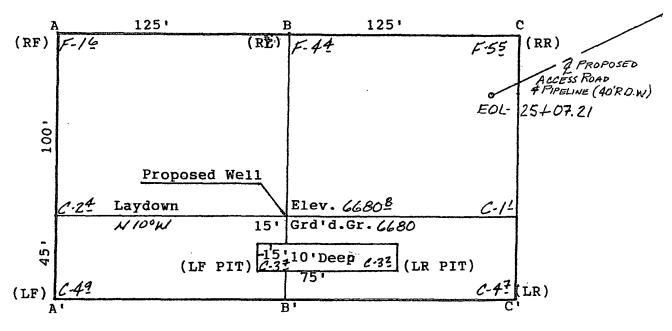
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT API Number 2 Pool Code 3 Pool Name 71629 Basin Fruitland Coal 1 Property Code 5 Property Name 6 Well Number FEDERAL 21-7-26 1 OGRID No. ⁸ Operator Name 9 Elevation 20572 6681 SG INTERESTS I, LTD. 10 Surface Location UL or Lot No Section Township Range Feet from the North/South Line Feet from the East/West Line County G 26 21 N 7 W 1860 North 1970 Sandoval East 11 Bottom Hole Location If Different From Surface UL or Lot No Section Township Lot Idn. Feet from the North/South Line East/West Line County 12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No N/2 320 Ac.

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the

16	N 80	43'W		70	hz CL	1	
80 65 Ch.	14 03	43 W	1860'	79.	97 Ch.	66 Ch.	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or anleased animend interest in the land including the proposed bottom hade location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order helpstufore entered by the division.
08		Sec.	Lat. 36.024 Long. 107.		1970'	80	Stenatule Date Stenatule Date N. MAM SCHWAPS 155 Printed Name
N 0.08' W			26			0°05′ W	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 belief. Believed 05 Dec 2007 2914 c 2009
.0 N	N 89	144' W		79.	90 Ch.	N 0°	Signature and Beat of Professional Survey **B456 **William E: Wahrike Certificate Number 18466

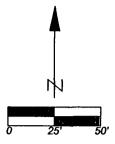
SG INTERESTS I, LTD. FEDERAL 21-7-26 #1 1860' FNL & 1970' FEL Sec.26, T21N, R7W, NMPM Sandoval Co., NM



Scale:1"=50'



A-A'	Verf.: ("= 30"	Horiz.: "= 50"	С	/L ·	_	
6685						
6675	<u> </u>	K-m-m-		7-F-7_Y		
	<u> </u>	<u> </u>			<u> </u>	
B-B'			· _f ······	·	,	
6685		<u> </u>				
6675		100315X3551.00				
C-C'						
6685						
6675		N.C. 10. 18. 1	ar ====-	<u></u>		
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SG INTERESTS I, LTD. FEDERAL 21-7-26 #1 SW/4 NE/4 SEC.26, T21N, R7W, NMPM Sandoval Co., NM

Scale: 1"=50'

Field Date: 06 Feb. 2009

Lat. 36.02432° N Long. 107.54419° W (NAD 83)

ENERGY SURVEYORS, INC.

FAX: 801-659-4246

OFFICE: 505-325-4005

VM 87499

CEL: 505-360-8142

P.O. BOX 991 FARMINGTON, NM 87499

Federal 21-7-26 #1 Reserve Pit Marker

