District 17
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

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

9349

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

Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Modification to an existing permit Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method
Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the
environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
Operator:Benson-Montin-Greer Drilling CorporationOGRID #:002096
Address:4900 College Blvd. Farmington, NM 87402
Facility or well name:Canada Ojitos Unit # 47
API Number: 30 - 039 - 30980 OCD Permit Number:
U/L or Qtr/Qtr _N Section _ 4 Township25N Range1W County: _Rio Arriba, NM
Center of Proposed Design: Latitude36 25 16.5 N Longitude106 57 2.044 W NAD: □1927 ☒ 1983
Surface Owner: Sederal State Private Tribal Trust or Indian Allotment
2.
Pit: Subsection F or G of 19.15.17.11 NMAC
Temporary: Drilling Workover RCVD DEC 20 '11
Permanent Emergency Cavitation P&A OIL CONS. DIV.
String-Reinforced DIST. 3
Liner Seams: Welded Factory Other Field welded between sections Volume: 7700_bbl Dimensions: L_120'_ x W_65'_ x D_8'_
3.
Closed-loop System: Subsection H of 19.15.17.11 NMAC
Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other
☐ Lined ☐ Unlined Liner type: Thicknessmil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other
Liner Seams: Welded Factory Other
4. Below-grade tank: Subsection I of 19.15.17.11 NMAC
Volume:bbl Type of fluid:
Tank Construction material:
Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other
Liner type: Thicknessmil
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, institution or church)	hospital,
Four foot height, four strands of barbed wire evenly spaced between one and four feet	
Alternate. Please specify4 ft high hog wire fence w/ T posts	
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. Cim. C 1. Cim. C - £ 10.15.17.11.NIMAC	
Signs: Subsection C of 19.15.17 11 NMAC 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	
☐ 12 x 24 , 2 Tettering, providing Operator's name, site location, and entergency telephone numbers ☐ Signed in compliance with 19.15.3.103 NMAC	
M Signed in compliance with 19,813.5.105 NWAC	
9. Administrative Approvals and Exceptions:	
Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.	`
Please check a box if one or more of the following is requested, if not leave blank: Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau	office for
consideration of approval. <i>Hogwire fence, 48" steel mesh.</i> Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
10. Siting Criteria (regarding permitting): 19.15.17.10 NMAC	
Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accept	
material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appro office 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.	ing pads or
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.	☐ Yes ☒ No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	
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.	☐ Yes ☑ No ☐ NA
(Applies to temporary, emergency, or cavitation pits and below-grade tanks) - 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.	☐ Yes ☑ No
 (Applies to permanent pits) Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	∐ NA
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock	☐ Yes ☑ No
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 Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	□ Vaa ⊠ Na
adopted pursuant to NMSA 1978, Section 3-27-3, as amended.	Yes No
- Written confirmation or verification from the municipality; Written approval obtained from the municipality	
Within 500 feet of a wetland. US Fish and Wildlife Wetland Identification many Tanagraphic many Visual inspection (contification) of the proposed site.	☐ 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.	☐ Yes ☑ No
 Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	
Within a 100-year floodplain.	☐ Yes ⊠ No
- FEMA map (NOTE: This location is not included in the FEMA maps, it is in an unstudied area.)	1

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:
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Previously Approved Design (attach copy of design) API Number:
Previously Approved Operating and Maintenance Plan API Number: (Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)
13.
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC 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 ₂ S, Prevention Plan Cilimatory Control Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control 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)
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 ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.1 Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if facilities are required.	D NMAC)` more than two
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 ser 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	С
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 sour provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate dist considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justi demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	rict office or may be
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☒ No ☐ NA
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ⊠ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ⊠ No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ⊠ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ⊠ No
 Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	☐ Yes ⊠ No
Within a 100-year floodplain FEMA map NOTE: This location is not included in the FEMA maps, it is in an unstudied area.	☐ Yes ⊠ No
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plant of 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. 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 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	15.17.11 NMAC

19. Operator Application Certification:	
I hereby certify that the information submitted with this application is true, accura	to and complete to the best of my knowledge and belief
Thereby certify that the information submitted with this application is true, accura	te and complete to the best of my knowledge and belief.
Name (Print):	Title:
Signature:	Date:
e-mail address:	Telephone:
20.	
OCD Approval: Permit Application (including closure plan) X Closure Plan	un (only) OCD Conditions (see attachment)
	10/00/01
OCD Representative Signature:	Approval Date: 12/28/2011
- 1 al 1 acc. ()	
Title: Compliance Office	OCD Permit Number:
21.	
Closure Report (required within 60 days of closure completion): Subsection k	C of 19.15.17.13 NMAC
Instructions: Operators are required to obtain an approved closure plan prior to	
The closure report is required to be submitted to the division within 60 days of th	
section of the form until an approved closure plan has been obtained and the clo	
	☑ Closure Completion Date: 12/02/2011
	Closure completion bate. 17 7074 / 2011
22.	
Closure Method: ☐ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternat	ive Closure Method D Waste Removal (Closed Igan systems only)
If different from approved plan, please explain.	waste Kemovai (Closed-100p systems omy)
I different from approved plan, picase explain.	
23.	
Closure Report Regarding Waste Removal Closure For Closed-loop Systems	
Instructions: Please indentify the facility or facilities for where the liquids, drilling the facility or facilities for where the liquids, drilling the facility or facilities for where the liquids, drilling the facility or facilities for where the liquids, drilling the facility or facilities for where the liquids, drilling the facility or facilities for where the liquids, drilling the facility or facilities for where the liquids, drilling the facility or facilities for where the liquids, drilling the facility or facilities for where the liquids is the facility or facilities for where the liquids is the facility or facilities for where the liquids is the facility or facilities for where the liquids is the facility or facilities for where the liquids is the facility of the facility or facilities for where the liquids is the facility of the facilities for where the liquids is the facilities for	ing 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 i	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 operation	ans:
Site Reclamation (Photo Documentation)	ns.
Soil Backfilling and Cover Installation	
Re-vegetation Application Rates and Seeding Technique	
24.	
Closure Report Attachment Checklist: Instructions: Each of the following ite	ms 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) No. 10 Discourt Facility Name and 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 Longitu	de NAD: □1927 □ 1983
25. Operator Closure Certification:	
I hereby certify that the information and attachments submitted with this closure re	mort is true, accourate and complete to the best of my knowledge and
belief. I also certify that the closure complies with all applicable closure requirements	
Talso certify that the crossite complies with all applicable crossite requirement	and conditions specified in the approved closure plan.
Name (Print): _Zach Stradling	Title: _Engineer
11 A	in had
Signature:	Date: 12/19/11
	•
e-mail address:zstradling@bmgdrilling.com	Telephone:(505)325-8874



4900 College Boulevard

Farmington, NM 87402

Office: 505.325.8874

Fax: 505.327.9207

October 19, 2011

Mr. Derek Padilla Santa Fe National Forest Cuba Ranger District P.O. Box 130 Cuba, NM 87013

Re: Drilling Pad Reclamation

Dear Mr. Padilla:

Benson-Montin-Greer Drilling Corp. plans to begin reclamation of unused portions of the COU #46Y and #47 well pads on 10/31/11. A three month pit closure extension for the COU #47 was approved by the NMOCD on 9/7/11. Final testing of the COU #47 reserve pit will take place once the rainwater dries up. The pit can then be closed and reclaimed. Please contact me with any questions.

Sincerely,

Zach Stradling

Benson-Montin-Greer Drilling Corp.



COVER LETTER

Wednesday, December 07, 2011

Ross Kennemer
Animas Environmental Services
624 East Comanche
Farmington, NM 87401

TEL: (505) 564-2281 FAX (505) 324-2022

RE: COU #47 N-4 Pit Closure

Dear Ross Kennemer:

Order No.: 1112149

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 12/2/2011 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901 AZ license # AZ0682

Hall Environmental Analysis Laboratory, Inc.

Date: 07-Dec-11
Analytical Report

CLIENT:

Animas Environmental Services

Client Sample ID: S-1

Lab Order:

1112149

Collection Date: 11/30/2011 3:35:00 PM

Project:

COU #47 N-4 Pit Closure

Date Received: 12/2/2011

Lab ID:

1112149-01

Matrix: MEOH (SOIL)

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS					Analyst: JB
Diesel Range Organics (DRO)	110	98		mg/Kg	1	12/2/2011 12:13:08 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/2/2011 12:13:08 PM
Surr: DNOP	94.3	77.4-131		%REC	1	12/2/2011 12:13:08 PM
EPA METHOD 8015B: GASOLINE RA	ANGE					Analyst: RAA
Gasoline Range Organics (GRO)	200	50		mg/Kg	10	12/2/2011 5:46:44 PM
Surr BFB	135	75.2-136		%REC	10	12/2/2011 5:46:44 PM
EPA METHOD 8021B: VOLATILES						Analyst: RAA
Benzene	0.65	0.050		mg/Kg	1	12/2/2011 1:36:44 PM
Toluene	3.9	0.050		mg/Kg	1	12/2/2011 1:36:44 PM
Ethylbenzene	2.0	0.050		mg/Kg	1	12/2/2011 1:36:44 PM
Xylenes, Total	11	0.10		mg/Kg	1	12/2/2011 1:36:44 PM
Surr: 4-Bromofluorobenzene	171	80-120	s	%REC	1	12/2/2011 1:36:44 PM
EPA METHOD 300.0: ANIONS						Analyst: BRM
Chloride	94	30		mg/Kg	20	12/2/2011 12:34:49 PM
PAINT FILTER TEST						Analyst: KS
Free Liquid	Neg	0		Pos/Neg	1	12/2/2011 10:51:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- NC Non-Chlorinated
- PQL Practical Quantitation Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Date: 07-Dec-11

QA/QC SUMMARY REPORT

Client:

Animas Environmental Services

Project:

COU #47 N-4 Pit Closure

Work Order:

1112149

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec L	owLimit Hi	ghLimit %RPD	RPDLimit Qual
Method: EPA Method 300.0: Ar	nions							···	
Sample ID: 1112149-01AMSD		MSD				Batch ID:	29593	Analysis Date:	12/2/2011 4:55:57 PM
Chloride	110.0	mg/Kg	30	15	93.96	107	74.6	118 33.5	20 R
Sample ID: MB-29593		MBLK				Batch ID:	29593	Analysis Date:	12/2/2011 4:03:43 PM
Chloride	ND	mg/Kg	1.5						
Sample ID: LCS-29593		LCS				Batch ID:	29593	Analysis Date:	12/2/2011 4:21:08 PM
Chloride	13.59	mg/Kg	1.5	15	0	90 6	90	110	
Sample ID: 1112149-01AMS		MS				Batch ID:	29593	Analysis Date:	12/2/2011 4:38:32 PM
Chloride	154.3	mg/Kg	30	15	93.96	402	74.6	118	s
Method: EPA Method 8015B: D	iesel Range	Organics							1
Sample ID: MB-29577	_	MBLK				Batch ID:	29577	- Analysis Date:	12/2/2011 9:18:47 AM
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Motor Oil Range Organics (MRO)	ND	mg/Kg	50						
Sample ID: LCS-29577		LCS				Batch ID:	29577	Analysis Date:	12/2/2011 9:52:54 AM
Diesel Range Organics (DRO)	46.91	mg/Kg	10	50	6.047	81.7	62.7	139	

~
(Inalifiers:
Quantities 3.

E Estimated value

J Analyte detected below quantitation limits

ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded

NC Non-Chlorinated

R RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

	Sample	Rec	eipt C	hecklist			
Client Name ANIMAS ENVIRONMENTAL				Date Received	f;		12/2/2011
Work Order Number 1112149	1111 -			Received by:	MMG		1- 1
Checklist completed by:	Harry	$\overrightarrow{+}$) /2 / Date	Sample ID la	bels checked	ру	Initials
Matrix:	Carrier name:	<u>Cour</u>	<u>rier</u>				
Shipping container/cooler in good condition?		Yes	\checkmark	No 🗌	Not Present		
Custody seals intact on shipping container/cool	er?	Yes	V	No 🗌	Not Present		Not Shipped
Custody seals intact on sample bottles?		Yes		No 🗌	N/A	✓	
Chain of custody present?		Yes	\checkmark	No \square			
Chain of custody signed when relinquished and	received?	Yes	✓	No 🗆			
Chain of custody agrees with sample labels?		Yes	\checkmark	No 🗆			
Samples in proper container/bottle?		Yes	\checkmark	No 🗆			
Sample containers intact?		Yes	\checkmark	No 🗀			
Sufficient sample volume for indicated test?		Yes	\checkmark	No 🗌			
All samples received within holding time?		Yes	\checkmark	No 🗆			Number of preserved
Water - VOA vials have zero headspace?	No VOA vials subn	nitted	\checkmark	Yes 🗌	No 🗆		bottles checked for pH:
Water - Preservation labels on bottle and cap m	natch?	Yes		No 🗌	N/A 🗹	}	
Water - pH acceptable upon receipt?		Yes		No 🗌	N/A 🔽		<2 >12 unless noted below.
Container/Temp Blank temperature?		1.	.3°	<6° C Acceptabl			below.
COMMENTS:				If given sufficient	time to cool.		
	=====	==	= ==	=====	===:	==	======
Client contacted	Date contacted:			Perso	on contacted		
Contacted by:	Regarding:		_				
Comments:							
			**				
Corrective Action							

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	necessary,	samples subr	mitted to Hall Environmental may be sub	contracted to other a	ccredited laboratoric	es. This serves as notice	of this	possil	oility.	Any su	b-cont	racted	data 1	will be	clear	y nota	ted on	the ar	nalytic	al repo	rt		_

Benson-Montin-Greer Drilling Corporation (BMG) COU # 47

574' FSL, 1809' FWL Unit N Sec. 4, T25N R01W Rio Arriba County, NM

Temporary Pit Closure

BMG initiated sampling and testing of the residue left in the pit after the completion of the removal of the liquid portion of the pit contents. Liquid accumulation after the cessation of drilling operations was removed prior to the initiation of sampling, testing or closure.

BMG collected a 5 point composite sample of the material in the pit prior to stabilization. Test results from a composite sample taken on July 28, 2011 indicated that the material needed to be stabilized in place and removed to the BMG landfarm (NM permit # 020004). Following verbal approval from NMOCD, BMG proceeded with the following:

- a. BMG mixed stockpiled pit soil with the pit residue at no more than a 3:1 ratio to stabilize the residue. A 5 point composite sample of the mixed material was collected and analyzed.
- b. BMG cut and removed the section of the liner above the residue level in the temporary pit after residue stabilization. The portion of the liner was removed and disposed of at an approved waste facility.
- c. BMG used the remaining pit dirt stockpile to provide a compacted fill at least four feet thick over the stabilized residue. The top 1 foot of cover material is top soil.
- d. Due to current snow cover, the area will be seeded in the spring with a seed mix as required by the Santa Fe National Forest and/or the BLM
- e. BMG has installed a 4" diameter steel marker at the center of the buried temporary pit. The marker extends at least 4 feet above the mean ground level and at least 3 feet below the ground level. The marker is labelled with the following information: operator name, lease name, well number, unit letter, section, township, range and the words "onsite buried reserve pit".
- f. The Santa Fe National Forest is the surface owner and therefore no deed notice is required.

Benson-Montin-Greer Drilling Corporation 4900 College Blvd. Farmington, NM 87402

(505) 325-8874



4900 College Boulevard

Farmington, NM 87402

Office: 505.325.8874

Fax: 505.327.9207

December 21, 2011

RCVD DEC 27'11

Attn: Jonathan Kelly

New Mexico Oil Conservation Division

Aztec District Office 1000 Rio Brazos Road Aztec, NM 87410

Re: COU #47 (N-4) Pit Closure

DIST. 3

OIL CONS. DIV.

Mr. Kelly:

On 10/31/11, I spoke with Brandon Powell to verbally notify the NMOCD that BMG would be starting the process of closing the COU #47 (N-4) pit, but did not follow up the phone conversation with an email. In the future, BMG will notify the NMOCD in writing prior to pit closure. During drilling operations, BMG monitored the condition of the installed pit liner from the date it was installed until the date the pit was closed. The liner was visually inspected daily while the rig was on location and weekly following the release of the rig; however, no inspection log was kept. BMG had no reason to suspect a leak in the pit liner at any time on this project. On future projects requiring a pit, an inspection log will be kept and submitted to the NMOCD at the time of closure. The COU #47 (N-4) pit is closed as of 12/2/11.

Sincerely,

Zach Stradling

Benson-Montin-Greer Drilling Corp.

Submit To Appropri Two Copies	nate Distri	ct Offic	e		ю	Form C-105																
District I 1625 N French Dr.	. Hobbs. N	IM 8824	40	Energy, Minerals and Natural Resources								Revised August 1, 2011										
District II 811 S. First St , Art					ο:	1 Camaamia	4: a.a	D::	-: -	_		1. WELL API NO. 30-039-30980 2. Type of Lease										
District III 1000 Rio Brazos R			410	Oil Conservation Division 1220 South St. Francis Dr.											1571 15	ED /D /D						
District IV 1220 S St Francis												3. State Oil & Gas Lease No.										
				REC	OMPL	ETION RE				LOG												
4 Reason for file											_	5. Lease Name or Unit Agreement Name Canada Ojitos Unit										
☐ COMPLETI	ION RE	PORT	(Fill in box	xes #1 through #31 for State and Fee wells only)									6. Well Number									
C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 an #33, attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)										or	COU #47 (N-4)											
	WELL	<u></u> wo	RKOVER	DEE	PENING	□PLUGBACI	к 🔲	DIFFE	REN	IT RESERV	<u>O</u> IR											
8. Name of Opera Benson-N	Mont:	<u>in-(</u>	Greer	Dril	ling	Corp.							209									
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12.Location	Unit Lti	<u> </u>	Section	Tow	nship	Range	Lot			Feet from th	ne	N/S Line	Feet	from the	E/W I	ıne	County					
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28.							PR	ODU	C	TION												
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31. List Attachme	ents					•									.,							
32. If a temporary	y pit was	used a	t the well, a	ttach a p	at with th	e location of the	temp	orary pi	it.	V - 0	tte	iched										
33. If an on-site t	ourial wa	s used	at the well,	report the	exact lo	cation of the on-s Latitude	site bu	irial [.]		,	٠,	Longitude			_	NA	D 1927 1983					
I hereby certi	fy that	the in	formation	shown		<i>h sides of this</i> Printed	•			-		to the best o		knowle	dge an	d beliej	f					
Signature	[1]	<u> </u>				Name Zach		trad	dl:	ing Titl	le	Enginee	er			Date	12/21/11					
E-mail Addre	s zs	<u>tra</u>	adling	@bmg	dril	ling.com	m															

JUL 0 6 2818

NSL 6233

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 89210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

12 Dedicated Acres

637.84

¹³ Joint or Infili

Ν

Consolidation Code

U

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

State of New Mexico

Form C-102

Energy, Minerals & Natural Resources Department Land Management Revised October 15,2009

OIL CONSERVATION DIVISION

Form C-102

Revised October 15,2009

Submit one copy to appropriate

District Office

1220 South St. Francis Dr.

Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

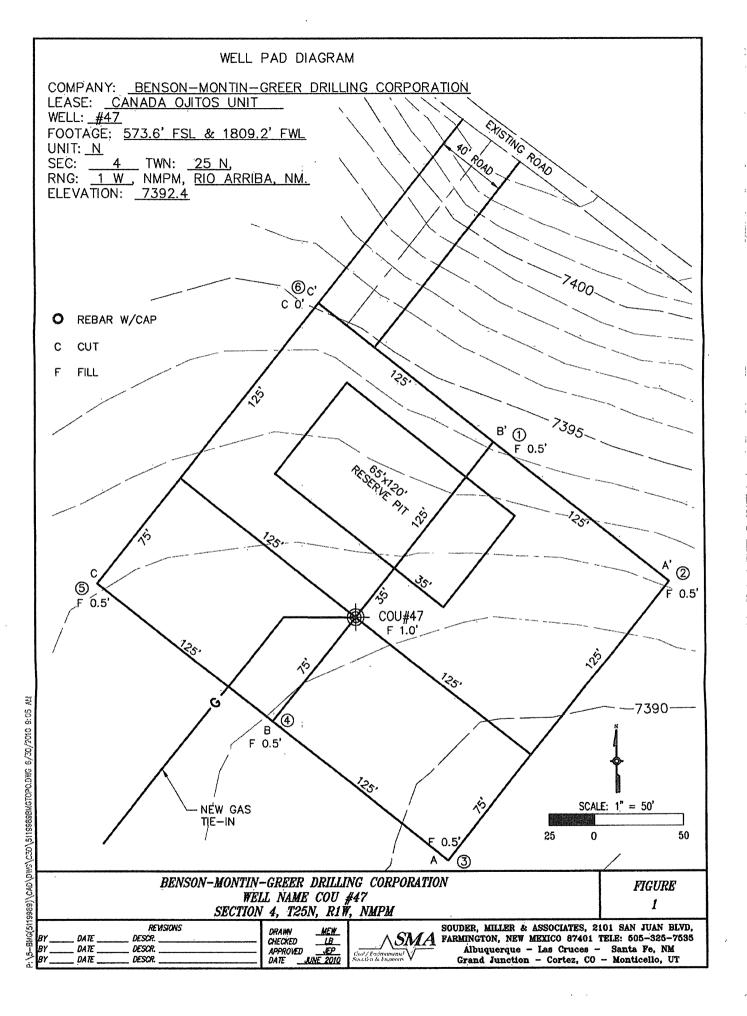
30.039 · 3098			}	² Pool Code 50440		³ Pool Name PUERTO CHIQUITO MANCOS WEST				
Property Code 001954		Property Name CANADA OJITOS UNIT							Well Number 47	
⁷ OGRID №. 002096		Operator Name BENSON-MONTIN-GREER DRILLING CORPORATION							¹ Elevation 7392.4 ¹	
	<u> </u>				10 Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
N	4	25-N	1-W		573.6	SOUTH	1809.2	WEST	RIO ARRIBA	
			11 Bott	om Hol	e Location If	Different From	m Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Eust/West line	County	
J	j						j			

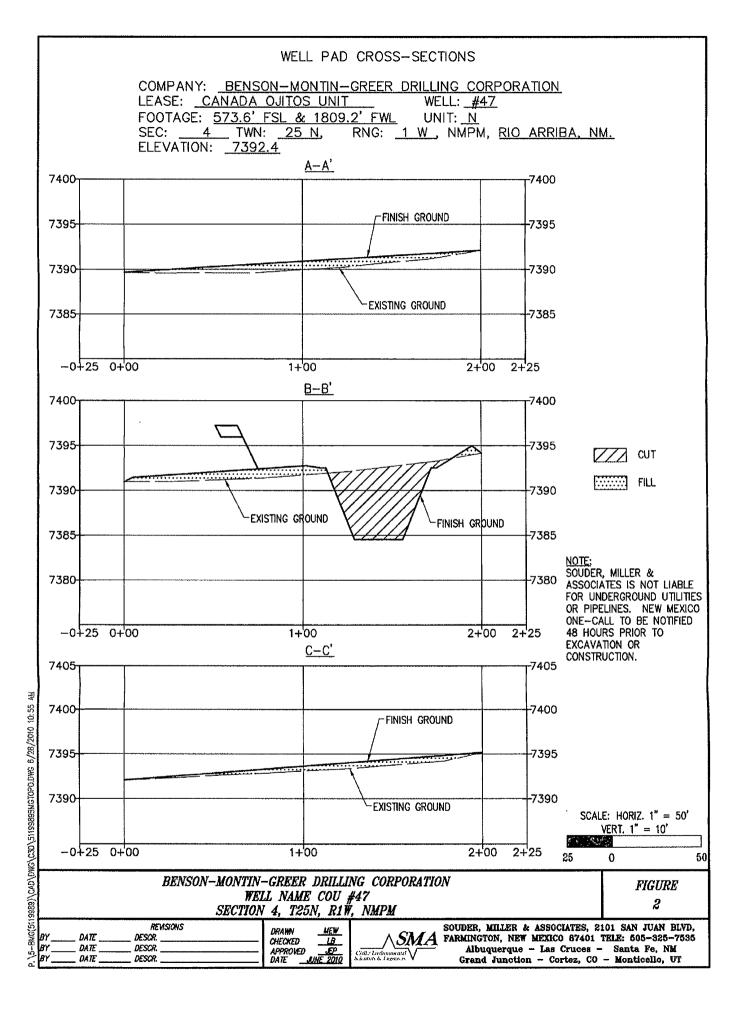
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

NSL PENDING

Order No.

16		\$89 : 32'01	E 5280.00'		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the bast of my knowledge and belief, and that this organization either owns a working interest or unleased interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a wobinitary pooling agreement or a compulsory pooling order herestofine entered by the division
"W 5256.24'	j.	4		3"W 5268.12'	Loven Diede Provided Name 18 SURVEYOR CERTIFICATION
·	T25N R1W S6 C-S-NE 1/64 LS 8667			W. 20.37, 28.	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. MAY 16 Date of Survey Date of Survey
	STIST	LAT:36 25 16 LONG:106 5 #47 #47 		7 NE,	Signsture and Sept of Household For: 12652 Certificate Number



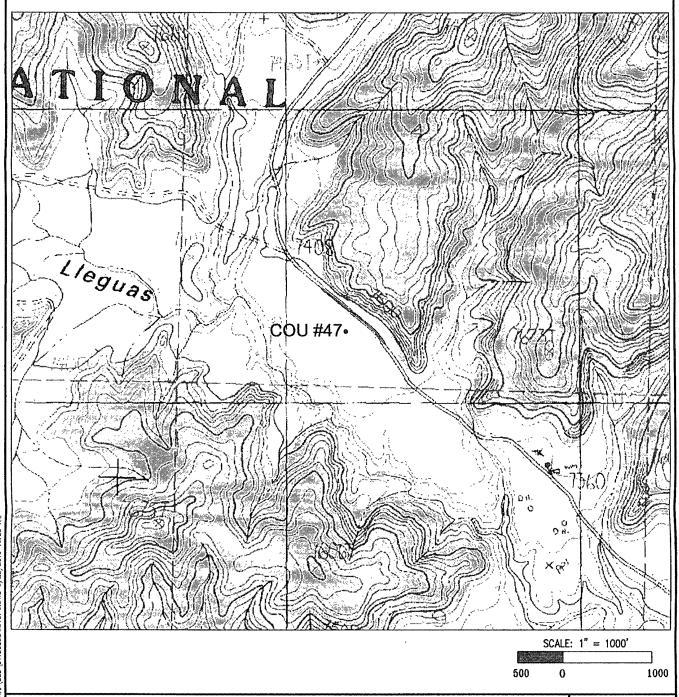


WELL PAD TOPOGRAPHY

COMPANY: BENSON-MONTIN-GREER DRILLING CORPORATION

LEASE: CANADA OJITOS UNIT WELL: <u>#47</u>

FOOTAGE: <u>573.6' FSL & 1809.2' FWL</u> UNIT: <u>N</u>
SEC: <u>4</u> TWN: <u>25 N</u>, RNG: <u>1 W</u>, NMPM, <u>RIO ARRIBA, NM.</u>
ELEVATION: <u>7392.4</u>



BENSON-MONTIN-GREER DRILLING CORPORATION WELL NAME COU #47 SECTION 4, T25N, R1W, NMPM

FIGURE

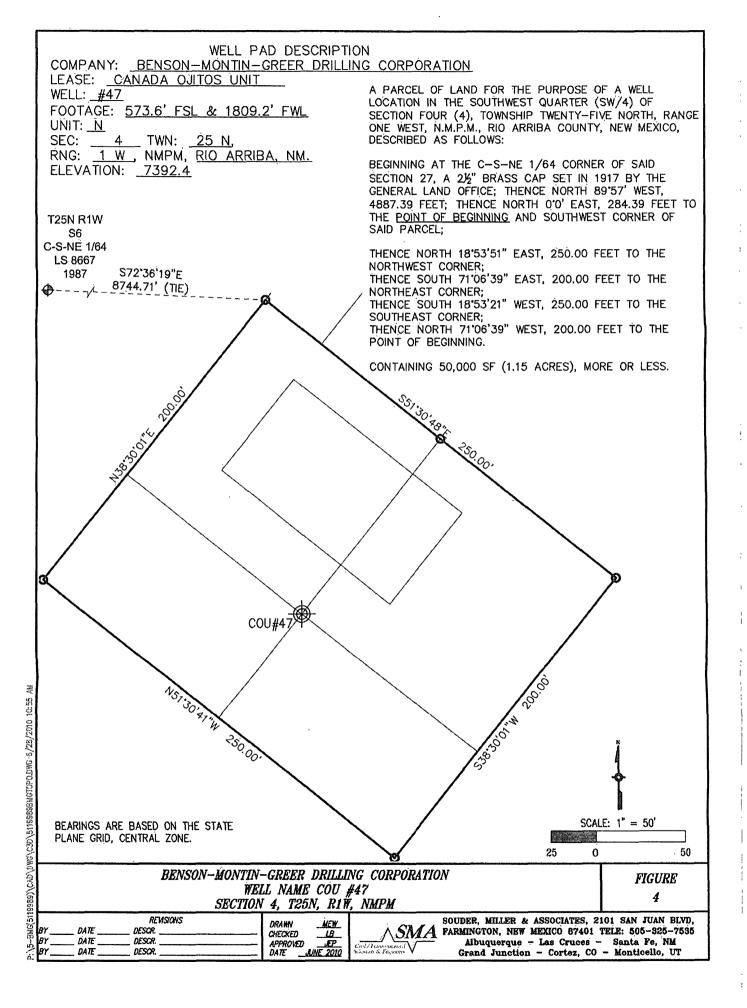
2		REVISIONS						
2	BY	DATE	DESCR.					
,	BY	DATE	DESCR.					
•	BY	DATE	DESCR.					

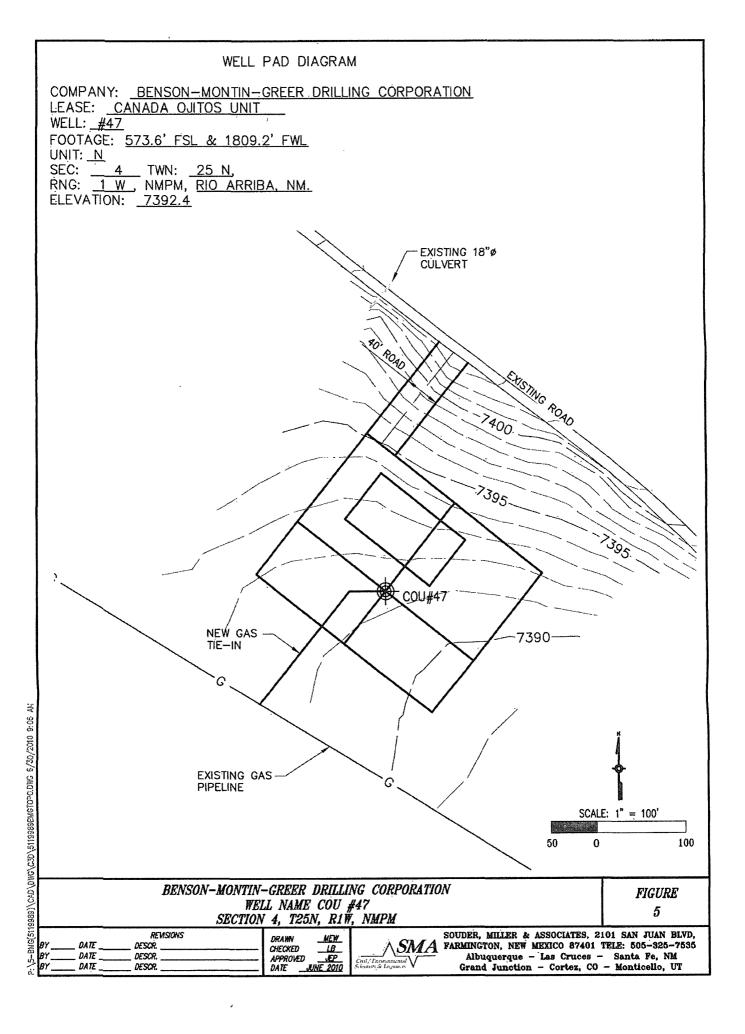
DRAWN MEW LB JEP CHÉCKED APPROVED JUNE 2010 DATE



SMA SOUDER, MILLER & ASSOCIATES, 2101 SAN JUAN BLVD, SMA FARMINGTON, NEW MEXICO 87401 TELE: 505-325-7535 Albuquerque - Las Cruces - Santa Fe, NM Grand Junction - Cortez, CO - Monticello, UT

5-BMG(5119989)\CAD\DWG\CZ\\DWG\CZ\DWG-2\





BENSON MONTIN GREEK BRILLING GURPORATION COU #47 (N-4) MANCOS SEC. 4 T25N R01W SE/SW 574' FSL 1809' FWL LEASE NO. SF-080421 LAT. 36°.421267 N LONG. 106°.950568 W API. 30-039-30980 ELEV. 7392' RIO ARRIBA COUNTY, NEW MEXICO IN CASE OF EMERGENCY 12/21/2011 11:56 (505) 325-8874



