<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II Bill S. First St., 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

Form C-144 Revised August 1, 2011

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.

		Pit, Closed-Lo	oop System, Below-Gr	ade Tank, or	
10416	Propos	sed Alternative I	Method Permit or Clos	sure Plan Application	
10000		☐ Closure of a pit, c☐ Modification to ar	losed-loop system, below-graden existing permit submitted for an existing perm	tank, or proposed alternative method e tank, or proposed alternative method aitted or non-permitted pit, closed-loop system,	
Instructio	· ·	· •		oop system, below-grade tank or alternative request	
Please be advised the environment. Nor d	nat approval of this rec	quest does not relieve the o	operator of liability should operations	s result in pollution of surface water, ground water or the icable governmental authority's rules, regulations or ordinance	es.
operator: _Hunti	ngton Energy, L.L.C	·	OGRID #:208	8706	
Address:908 N	N.W. 71st St., Oklaho	ma City, OK 73116			_
Facility or well n	ame:Canyon Larg	go Unit #505	· 		
API Number:3	30-039-31097	OCD Pe	ermit Number:		
U/L or Qtr/Qtr	A Section _2	3 Township	_25N Range _7W C	County:Rio Arriba	
Center of Propose	ed Design: Latitude	36.39082N	Longitude107.53529W	NAD: 🗌 1927 🛛 1983	
Surface Owner:	▼ Federal ☐ State [Private Tribal Tru	st or Indian Allotment		
2.	·	15.11.224.6		RCVD SEP 24'12	
	tion F or G of 19.15			OIL CONS. DIV.	
	Orilling Workove				
	Emergency Cav			DIST. 3	
		Thickness20mil	⊠ LLDPE ☐ HDPE ☐ PVC	Other	
☐ String-Reinfo			** 1 10000		
	Welded Factory	Other	Volume: _10000)_bbl Dimensions: L_140'x W65'x D_10'	
3. Closed-loop S	System: Subsection	n H of 19.15.17.11 NMA	AC		
	•			ities which require prior approval of a permit or notice of	
intent)					
			Bins Other		
			_mil	PVC Other	
Liner Seams:	Welded Factory	Other			
4.	tank: Subsection	I of 19.15.17.11 NMAC			
		Type of fluid.			
			idewalls, liner, 6-inch lift and auto	omatic overflow shut-off	
5.					
Alternative N	Method:				
Submittal of an e	exception request is r	equired. Exceptions mu	ist be submitted to the Santa Fe En	vironmental 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) Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate Please specify	hospital,
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 15.16 8 NMAC	
Administrative Approvals and Exceptions: Justifications and/or demonstrations of equivalency are required Please refer to 19 15 17 NMAC for guidance Please check a box if one or more of the following is requested, if not leave blank: Administrative approval(s) Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau consideration of approval Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval	office for
Siting Criteria (regarding permitting): 19.15 17 10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accept material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the 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) - Topographic map; Visual inspection (certification) of the proposed site	Yes No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo, Satellite image	Yes No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits) - Visual inspection (certification) of the proposed site, Aerial photo, Satellite image	☐ Yes ☐ No ☐ NA
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality, Written approval obtained from the municipality	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map, Topographic map, Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within the area overlying a subsurface mine - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources; USGS, NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain FEMA map	☐ Yes ☐ No

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
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)
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC 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 Gil 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
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 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

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Stee Instructions: Please indentify the facility or facilities for the disposal of liquids, drill facilities are required.	el Tanks or Haul-off Bins Only: (19.15.17.13.I ling fluids and drill cuttings. Use attachment if t	O NMAC) more than two				
	sposal Facility Permit Number:					
	posal Facility Permit Number:					
Will any of the proposed closed-loop system operations and associated activities occur ☐ 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 I of Site Reclamation Plan - based upon the appropriate requirements of Subsection of Subse	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 clos provided below. Requests regarding changes to certain siting criteria may require acconsidered an exception which must be submitted to the Santa Fe Environmental Budemonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for g	lministrative approval from the appropriate dist reau office for consideration of approval. Justi	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 ob	tained 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 ob	tained 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						
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significal lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	cant watercourse or lakebed, sinkhole, or playa	☐ Yes ☐ No				
Within 300 feet from a permanent residence, school, hospital, institution, or church in e - 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 that watering purposes, or within 1000 horizontal feet of any other fresh water well or spring - NM Office of the State Engineer - iWATERS database; Visual inspection (cert	g, in existence at the time of initial application.	☐ Yes ☐ No				
Within incorporated municipal boundaries or within a defined municipal fresh water we adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval of	-	☐ Yes ☐ No				
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual in	spection (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	l Mineral Division	☐ Yes ☐ No				
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Society; Topographic map	Mineral Resources; USGS; NM Geological	☐ 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 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						

Form C-144

Operator Application Certification: I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.
Name (Print): Title:
Signature: Date:
e-mail address: Telephone:
OCD Approval: Permit Application (including closure plan) OCD Conditions (see attachment) OCD Representative Signature: Title: OCD Permit Number:
Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: 5/14/2012 5/14/2012
22. 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
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 _36.39099 Longitude107.53555 NAD: □1927 □ 1983
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):Catherine Smith Title:Regulatory Signature: Date:9/06/2012
e-mail address: csmith@huntingtonenergy.com Telephone: 405-840-9876

Submit To Approp Two Copies District I	riate Distri	ict Office		State of New Mexico Energy, Minerals and Natural Resources				Form C-105 Revised August 1, 2011							
1625 N French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210									1. WELL API NO. 30-039-31097						
District III 1000 Rio Brazos Rd., Aztec, NM 87410									2. Type of Lease						
District IV 1220 S. St. Francis						Santa Fe, N			<i>J</i> 1.		3. State Oil &		FEE Lease No	⊠ FED/INI	DIAN
		LETIC	N OR	RECC	MPL	ETION RE	POR	T AN	D LOG						
4. Reason for fil	J	DODE (E				6.6					Lease Nam Canyon Largo	Unit	Init Agree	ment Name	
COMPLET					•			• /	1 1 1/100	.,	6. Well Numb	er:			
⊠ C-144 CLOS #33; attach this a	nd the pla									l/or	505				
	WELL [□ WORI	KOVER [DEEPI	ENING	□PLUGBACE	K □ D	IFFERE	NT RESERV	VOIR					
8. Name of Opera Huntington Energ	gy, L L.C										9. OGRID 208706				
10. Address of O	perator										11. Pool name	or W	ildcat		
12.Location	Unit Ltr	Sec	tion	Towns	hip	Range	Lot		Feet from	the	N/S Line	Feet	from the	E/W Line	County
Surface:															
BH:	1 14 0	ate T.D.	Reached	T 15 T	ate Rio	Released		116	Date Comp	leted	(Ready to Prod	uce)	17	. Elevations (D	F and RKR
				2/03	2012				•		` -	,	R7	Γ, GR, etc.)	
18. Total Measur	ed Depth	of Well		19. 1	'lug Bac	k Measured Dep	oth	20	. Was Direct	tiona	l Survey Made?		21. Typ	e Electric and C	Other Logs Run
22. Producing Int	terval(s),	of this co	mpletion -	Top, Bot	tom, Na	ame			<u> </u>						
23						ING REC	ORD			ring					
CASING SI	ZE	WE	IGHT LB./	FT.		DEPTH SET	_	HOLE SIZE		CEMENTING RECORD AMOUNT PULLEI		PULLED			
SIZE	ТОР		ВО	ттом	LINI	ER RECORD SACKS CEMI	ENT	SCREE	N	25. SIZ			NG RECO		ER SET
							-					-			
26. Perforation	record (i	nterval, s	ze, and nu	mber)		<u> </u>					ACTURE, CE				
								DEPTH	INTERVAL		AMOUNT A	ND K	IND MAT	FERIAL USED	
							F								
28.							PRO	DUC	TION						
Date First Produc	ction		Product	ion Metl	od (Flo	owing, gas lift, pi)	Well Status	(Prod	l or Shut-	in)	
Date of Test	Hours	s Tested	Cho	oke Size		Prod'n For Test Period		Oil - Bbl Ga		Gas	s - MCF Wate		ater - Bbl.	Gas -	Oil Ratio
Flow Tubing Press.	Casin	g Pressur		culated 2 ur Rate	:4-	Oil - Bbl.		Gas	- MCF	1	Water - Bbl.		Oil Grav	vity - API - <i>(Co</i>	rr.)
29. Disposition of	f Gas <i>(So</i>	ld, used f	or fuel, ven	ted, etc.)							T	30. T	est Witne	ssed By	
31. List Attachme	ents														
32. If a temporary	y pit was	used at th	e well, atta	ch a plat	with the	e location of the	tempora	ary pit.							
33. If an on-site burial was used at the well, report the exact location of the on-site burial:															
I hereby certij	fy that t	he infor	mation s	hown a	n both	Latitude sides of this	form i	is true	and compl	lete	Longitude to the best of	f mv	knowlea		AD 1927 1983 f
Signature \mathcal{O}_{ℓ}	other	ú	Smit	L	F	Printed Name Cathe			Title		gulatory		Date 9/0		,
E-mail Addres	SS			·											

RECEIVED

DISTRICT I 1625 N French Dr., Hobbs, N.M. 88240

DISTRICT II 1301 W Grond Ave., Artesia, N.M. 88210

DISTRICT III 1000 Rio Brozos Rd., Aztec. N.M 87410

DISTRICT IV 1220 South St. Francis Dr., Santo Fe, NM 87505 State of New Mexico

Energy, Minerals & Natural Resource Prepartment 2011

OIL CONSERVATION DIVISION

Form C-102 Revised July, 16, 2010 Submit one copy to appropriate District Office

1220 South St. Francis Piton Field Office Sonto Fe, Nyu 87505 Higton Field Office Sonto Fe, Nyu 82505 Hand Managemen.

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-0	30-039-31097 71599 Basin Dakota						,		
¹ Property, Co 32660	Property, Code SProperty Name 32660 CANYON LARGO UNIT						* We	Number 505	
	OGRID' No. **Operator Name 108706 HUNTINGTON ENERGY, LLC						Elevation 6839'		
	¹⁰ Surface Location						-		
UL or lat no.	Section	Township	Ronge	Lot idn	Feel from the	North/South line	Feet from the	Egst/West line	County
A	23	25-N	7-W		645	NORTH	199	EAST	RIO ARRIBA

"Dedicated Acres "Joint or Infill "Cansolidation Code"

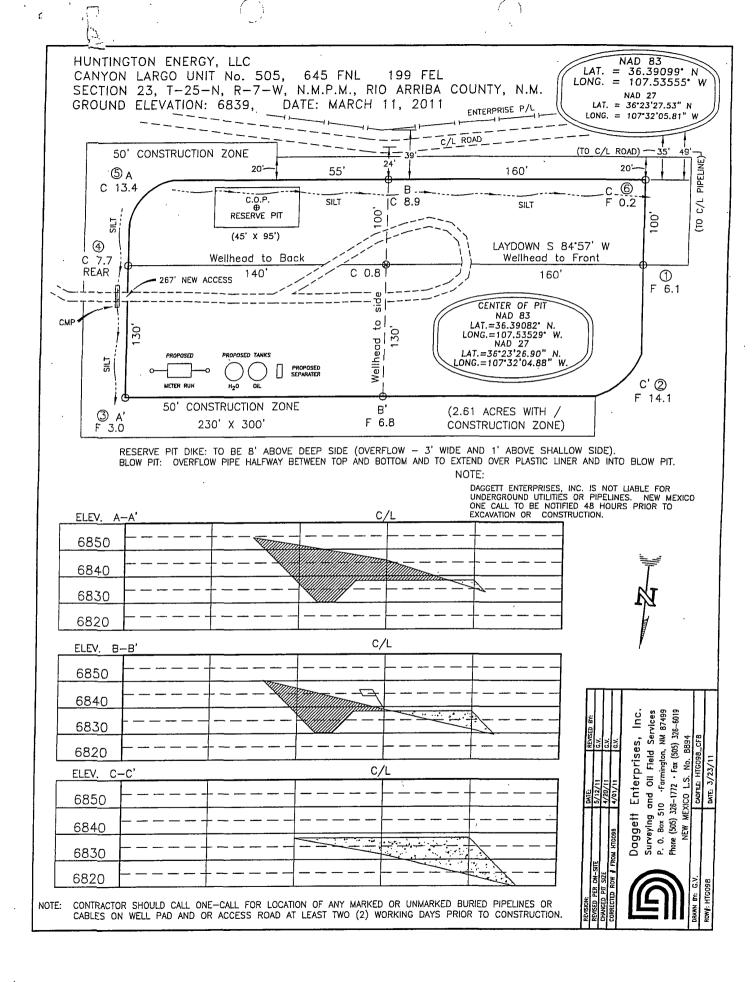
"Dedicated Acres "Different From Surface

"Consolidation Code"

"Order No.

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

	OR A NON-STAR	NDARD UNIT HAS	BEEN APPROV	·	
16	FD 3 1/4" BC 1965 BLM	N 88°56'17" W N 88°58' W 2			OPERATOR CERTIFICATION
			FD 3 1/4" BC. 1965 BLM	199'	I hereby certify that the Information contained herein is true and complete to the best of my knowledge and belief, and that this arganization either owns a working interest or unleased mineral interest in the land miduding the proposed bottom had 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
		•		3	interest, or to a voluntary pooling agreement or a compulsory pooling order heretafore entered by the division
	LONG: 107.5355	SURFACE: 19° N. (NAD 83) 5° W. (NAD 83)		N 00°01' E 2594.46' (R) 00°02'33" W 2595.14' (M)	Signature Date
	LAT: 36°23'25' LONG. 107°32'05	7.53" N (NAD 27) .81" W. (NAD 27)		N 00°01' E 2 00°02'33" W	Catherine Smith Printed Name
				2 00 2	csmith@huntingtonenergy.
		3		1/4" BC 65 BLM	
			19	S BLM	18 SURVEYOR CERTIFICATION
					i hereby certify that the well location shown on this plot 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.
	1				Date of Survey
				N	Signoture and Septen Matthysian Survivor
,					Certificate Number
	1 1		, ,	í I	



Cathy Smith

From:

Cathy Smith

Sent:

Tuesday, May 01, 2012 10:09 AM

To:

brandon.powell@state.nm.us; mark_kelly@blm.gov

Subject:

Notice of Pit Closure: Canyon Largo Unit # 482 & 505

Notice of Pit Closure for the above referenced wells as per NMOCD rule. The pits will be closed in the next week or two:

Canyon Largo Unit #482

NMSF078881

API#: 30-039-31042 SESE Sec 3-T25N-R7W 950 FSL & 1140 FEL

Lat: 37.32028N; Long: 108.64028W

Rio Arriba Co., NM Rig Release: 11/08/11

Canyon Largo Unit #505

NMSF078879

API#: 30-039-31097 NENE Sec 23-T25N-R7W 645' FNL & 199' FEL

Lat: 36.39099N; Lat: 107:53555W

Rio Arriba Co., NM Rig Release: 2/03/12

Cathy Smith Huntington Energy, L.L.C. 908 N.W. 71st St. Oklahoma City, OK 73116 (405) 840-9876 ext. 129

Huntington Energy, L.L.C. Canyon Largo Unit #505 Sec 23, T25N-R7W Rio Arriba Co., NM

Soil Backfilling and Cover Installation

Upon completion of solidification and testing standards being passed (see attached test results) a minimum of 4 ft of cover is achieved including a suitable layer of material to establish vegetation at the site. All re-contouring of location will match fit shape, line, and texture of the surrounding area.

Re-Vegetation and Seeding Technique

Seeding shall commence on or about April 1st, or the first available growing season barring weather. BLM stipulated seed mixes will be used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover consisting of at least three native plant species, including at least one grass, and maintain that cover through two successive growing seasons. Repeated seeding or planting will be continued until successful growth occurs.

Temporary Pit Marker

A steel marker will be placed at the center of the on-site burial. The steel marker will not be less than 4" in diameter and be cemented in a 3' hole. Marker shall extend 4' above ground level. Engraved into the marker will be the operator's name, and legal location. This marker shall not be removed. Note: during active operations, a ground level marker will be employed due to safety concerns; upon abandonment, the 4" x 4' marker will be employed.

Disposal Facility

Facility Name: IEI Permit #: NM-010010B

Canyon Largo Unit #505 Huntington Energy, L.L.C. San Juan Basin-Canyon Largo Unit Pit Closure Plan

In accordance with Rule 19.15.17.12 NMAC the following information describes the closure requirements of temporary pits on Huntington Energy, L.L.C. (HE) locations. This is HE's standard procedure for all temporary pits. A separate plan will be submitted for any temporary pit which does not conform to this plan.

All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of pit. Closure report will be filed on C-144 and include the following:

- Details on Capping and Covering, where applicable.
- Plot Plan (Pit Diagram)-C102 w/pit on diagram-Submitted
- Inspection Reports-attached
- Sampling Results-Envirotech-Submitted with C-144 Pit Closure
- C-105- Submitted with C-144 Pit Closure
- Copy of Deed Notice will be filed with County Clerk- N/A

General Plan:

- All free standing liquids will be removed at the start of the pit closure process from the pit and disposed of in a division-approved facility or recycle, reuse or reclaim the liquids in a manner that the appropriate division district office approves. The facilities to be used for liquids will be IEI – NM-010010B and IEI will be used for solids (#01001010B). <u>All recovered liquids were</u> <u>disposed of at Basin Disposal and solids were sent to IEI.</u>
- 2. The preferred method of closure for all temporary pits will be on-site burial, assuming that all the criteria listed in sub-section (B) of 19.15.17.13 are met. Pit was closed using onsite burial.
- 3. The surface owner shall be notified of HE's closing of the temporary pit.- Closure notification was sent via email to BLM/NMOCD-certified mail not required for Federal Land and BLM/NMOCD.
- 4. Within 6 months of the rig off status occurring, HE will ensure that the temporary pits are closed, re-contoured and reseeded. **Compliant with rule.**
- 5. Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week via email, or verbally. The notification of closure will include the following:
 - i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range, Well name and API number. **Notification sent filed with C-144 Pit Closure.**
- 6. Liner of temporary pit shall be removed above "mud level" after stabilization. Removal of liner will consist of manually or mechanically cutting liner at mud level and removing all remaining liner. Care will be taken to remove all of the liner. All excessive liner will be disposed of at the San Juan County Landfill located on CR 3100. Liner was removed above "mud level". Liner was removed by manually cutting liner at mud level 7 removing all remaining liner. All excessive liner was disposed of at Landfill.
- 7. Pit contents shall be mixed with non-waste containing earthen material in order to achieve the solidification process. The solidification process will be accomplished using a combination of natural drying and mechanically mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed as safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents. Pit contents were mixed with non-waste, earthen material that is safe & stable. The solidification process used a combination of natural drying and mechanically mixing. The mixing ratio was approximately 3:1.
- 8. A five point composite sample will be taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the criteria are not met, all contents will be handled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e., dig and haul. A five point composite sample was taken of the pit using sampling tools. All samples were tested per Subsection B 19.15.17.1 3(B)(1)(b). Results filed with C-144.

Components	Test Method	Limit (mg/kg)
Benzene	EPA SW-846 8021B or 8260B	0.2
BTEX	EPA SW-846 8021B or 8260B	50
TPH	EPA SW-846 418.1	2500
GRO/DRO	EPA SW-846 8015M	500
Chlorides	EPA 300.1	1000/500

- 9. Upon completion of solidification and testing standards being passed, the pit area will be backfilled with compacted, non-waste containing earthen material. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater. If standard testing fails, HE will dig and haul all contents pursuant to 19.15.17.13.i.a. After doing so, confirmation sampling will be conducted to ensure a release has not occurred. Pit material passed testing standards. The pit was then backfilled with compacted, non-waste containing earthen material.
- 10. During the stabilization process, if the liner is ripped by equipment, the Aztec OCD office will be notified within 48 hours and the liner will be repaired if possible. If the liner can not be repaired, then all contents will be excavated and removed. Liner was not damaged in the pit closure.
- 11. Dig and Haul Material will be transported to IEI (Permit # 010010B). Not required.
- 12. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Reshaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be placed in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape, Pit area was re-contoured to match fit, shape, line form and texture of surroundings. Re-contour is uniform in appearance with smooth surface natural landscape.
- 13. Notification will be sent to the OCD when the reclaimed area is seeded. C-144 pit Closure Notice filed 5/01/2012
- 14. HE shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other divisionapproved methods. BLM 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, and maintain that cover through two successive growing seasons. Repeated seeding or planting will be continued until successful vegetative growth occurs.

Туре	Variety or Cultivator	PLS/A
Western Wheatgrass	Arriba	3.0
Indian Ricegrass	Paloma or Rimrock	3.0
Slender Wheatgrass	San Luis	2.0
Crested Wheatgrass	Hy-crest	3.0
Bottlebrush Squirreltail	Unknown	2.0
Four-wing Saltbrush	Delar	0.25

Species shall be planted in pounds of pure live seed per acre: Present Pure Live Seed (PLS) = Purity X Germination/100

Two lots of seed can be compared on the basis of PLS as follows:

Source No. One (poor quality) Source No. two (better quality) 80 percent Purity 50 percent Purity Germination 40 percent 63 percent Germination Percent PLS 20 percent Percent PLS 50 percent 5 lb bulk seed required to make 2 lb bulk seed required to make

1 lb PLS 1 lb PLS

The seeding above was used in 5/2012. After two successive growing seasons, HE will check for vegetative growth. If not successful, repeated seeding will be done.

15. The temporary pit will be located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial upon the abandonment of all the wells on the pad. The marker will be flush with the ground to allow access of the active well pad and for safety concerns. The marker will include a threaded collar to be used for future abandonment. The top of the marker will contain a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the operator's information at the time all wells on the pad are abandoned. The operator's information will include the following: Operator Name, Lease Name, Well Name and Number, Unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location. Steel marker was installed in the temporary pit, no less than four inches in diameter, cemented in a hole, 3 feet deep in center. Marker is flush with the ground to allow access of the active well pad. The top of the marker contains a welded steel 12" square plate that indicates the onsite burial of the temp pit. Operator name, Lease Name, Well Name & number, Section, Township and Range are all listed on the plate as an onsite burial location.

HE Pit Inspection Log:

CLU 505

API#: 30-039-31097

Date	Visual Inspection
Drilling:	
1/24/12-2/3/12	OK
Weekly Insp	
2/4-2/11	OK
2/12-2/19	OK
2/20-2/27	ОК
2/28-3/5	ОК
3/6-3/13	ОК
3/14-3/21	ОК
3/22-3/29	ОК
3/30-4/5	ОК
4/5-4/12	ОК
4/13/-4/20	ОК
4/21-4/28	/ ,/ ок
4/29-5/5	<i>∖;</i>
5/6-5/13	ок

Closed pit: 5/14/12

David Morales, Huntington Energy



Report Summary

Client: Huntington Energy LLC

Chain of Custody Number: 13902

Samples Received: 05-03-12

Job Number: 06111-0002

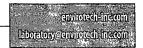
Sample Number(s):61980

Project Name/Location: Canyon Largo Unit #505

Entire Report Reviewed By:

Date: 5/11//2

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.





EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Huntington Energy LLC	Project #:	06111-0002
Sample ID:	Pit Closure	Date Reported:	05-10-12
Laboratory Number:	61980	Date Sampled:	05-02-12
Chain of Custody:	13902	Date Received:	05-03-12
Sample Matrix:	Soil	Date Analyzed:	05-10-12
Preservative:	Cool ,	Date Extracted:	05-03-12
Condition:	Intact	Analysis Requested:	BŢEX
		Dilution:	50

	Diracion.	00
		Det.
	Concentration	Limit
Parameter	(ug/Kg)	(ug/Kg)
Benzene	23.6 .	10.0
Toluene	119	10.0
Ethylbenzene	132	10.0
p,m-Xylene	426	10.0
o-Xylene	154	10.0
Total BTEX	855	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	92.1 %
	1,4-difluorobenzene	100 %
	Bromochlorobenzene	101 %

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: Canyon Largo Unit #505





EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	F	Project #:		N/A	
Sample ID:	0510BCAL QA/Q	C I	Date Reported:		05-10-12	
Laboratory Number:	61979	[Date Sampled:		N/A	
Sample Matrix:	Soil	I	Date Received:		N/A	
Preservative:	N/A	I	Date Analyzed:		05-10-12	
Condition:	N/A		Analysis:		BTEX	
		Į.	Dilution:		50	
PRODUCED TO THE TAXABLE PRODUCED PRODUCED AND AND AND AND AND AND AND AND AND AN						
Calibration and Detection Limits (ug/L	l-Cal RF:	C-Call RF: Accept Range 0-15%		Blank Conc	Detect: Limit	
			%Diff.			
Detection Limits (ug/L	Vallatidisti e e de se sul membrantu e e cinematità discribi di si	Accept. Range 0-15%	%Diff(Conc	Limit	
Detection Limits (ug/L) Benzene	4.9062E-06	Accept Range 0-15% 4.9062E-06	%Diff.	Conc ND	Limit	
Detection Limits (ug/L Benzene Toluené	4.9062E-06 4.7712E-06	Accept Range 0-15% 4.9062E-06 4.7712E-06	%Diff: 0.000 0.000	Conc ND ND	0.2 0.2	

Duplicate Conc. (ug/Kg)	Sample	uplicate	%Diff.	Accept Range	Detect. Limit
Benzene	43.6	43.8	0.00	0 - 30%	10
Toluene	366	370	0.01	0 - 30%	10
Ethylbenzene	246	258	0.05	0 - 30%	10
p,m-Xylene	2180	2220	0.02	0 - 30%	10
o-Xylene	649	671	0.03	0 - 30%	10

Benzene	43.6	2500	2880	113	39 - 150
Toluene	366	2500	3530	123	46 - 148
Ethylbenzene	246	2500	3550	129	32 - 160
p,m-Xylene	2180	5000	8150	114	46 - 148
o-Xylene	649	2500	3810	121	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References:

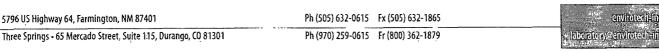
Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments:

QA/QC for Samples 61979-61980, 61982, 61997-62001





Client:	Huntington Energy LLC	Project #:	06111-0002
Sample ID:	Pit Closure	Date Reported:	05-08-12
Laboratory Number:	61980	Date Sampled:	05-02-12
Chain of Custody No:	13902	Date Received:	05-03-12
Sample Matrix:	Sóil	Date Extracted:	05-04-12
Preservative:	Cool	Date Analyzed:	05-04-12
Condition:	Intact	Analysis Needed:	TPH-418.1

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

Total Petroleum Hydrocarbons

488

7.4

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:

Canyon Largo Unit #505





EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS QUALITY ASSURANCE REPORT

Client:

QA/QC

Project #:

N/A

Sample ID:

QA/QC

Date Reported:

05-08-12

Laboratory Number:

05-04-TPH.QA/QC 61979

Date Sampled:

N/A

Sample Matrix:

Freon-113

Date Analyzed:

05-04-12 05-04-12

Preservative: Condition:

N/A N/A

Date Extracted: Analysis Needed:

TPH

Calibration

I-Cal Date

C-Cal Date

I-Cal RF: C-Cal RF: % Difference Accept. Range

 \mathcal{O}

04-26-12 05-04-12

1,850

1,720

7.0%

+/- 10%

Blank Conc. (mg/Kg)

Concentration

Detection Limit

TPH

ND

7.4

Duplicate Conc. (mg/Kg)

Sample

Duplicate % Difference Accept. Range

TPH

TPH

1,180

1,183

0.3%

+/- 30%

Spike Conc. (mg/Kg)

Sample 1,180

Spike Added Spike Result % Recovery 2,000

3,250

102%

Accept Range 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 61979-61980.

Ph (505) 632-0615 Fx (505) 632-1865



Chloride

Client: Huntington Energy LLC Project #: 06111-0002 Sample ID: Pit Closure Date Reported: 05-08-12 Lab ID#: 61980 Date Sampled: 05-02-12 Sample Matrix: Soil Date Received: 05-03-12 Preservative:: Cool Date Analyzed: 05-04-12 Condition: Chain of Custody: Intact 13902

Parameter Concentration (mg/Kg)

Total Chloride 250

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: Canyon Largo Unit #505



CHAIN OF CUSTODY RECORD

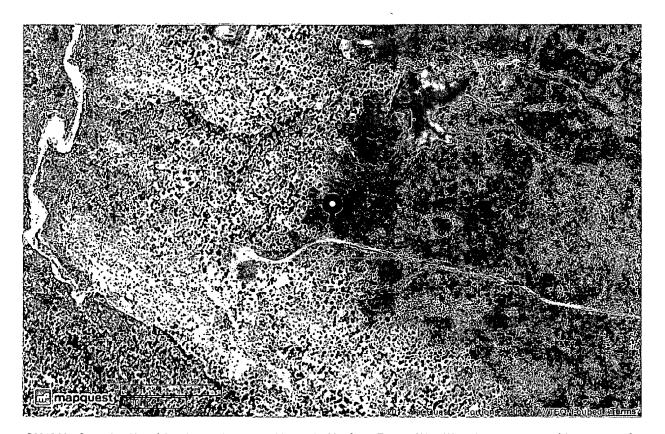
Client: Hunting for Energy	ov LLC	Pi	Project Name / Location: Can your f-argo Unit #505 Sampler Name: Y. // Closure					ANALYSIS / PARAMETERS														
Email results to: Cathy CSMITHE hunting to College (SDS) 793 - 7003	/	Si	Sampler Name:				15)	BTEX (Method 8021)	(09										T			
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(503) 195 - 1003	, C -	T C	ole Preservative			(Ř.	<u>≥</u> ×	(Me	A 8	, u		Wi	aple	(418	E) ěju	e l			
Sample No./ Identification	Sample Date	Sample Time	Lab No.		/Volume ontainers	HgCl ₂		ive	TPH (Method 8015)	BTE	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	낊	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Samplè Cool	Sample Intact
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Sample(s) dropped off after h	ours to sec	ure drop of	f area.	3 €	nvi Analy	f C)†(e C	• h													
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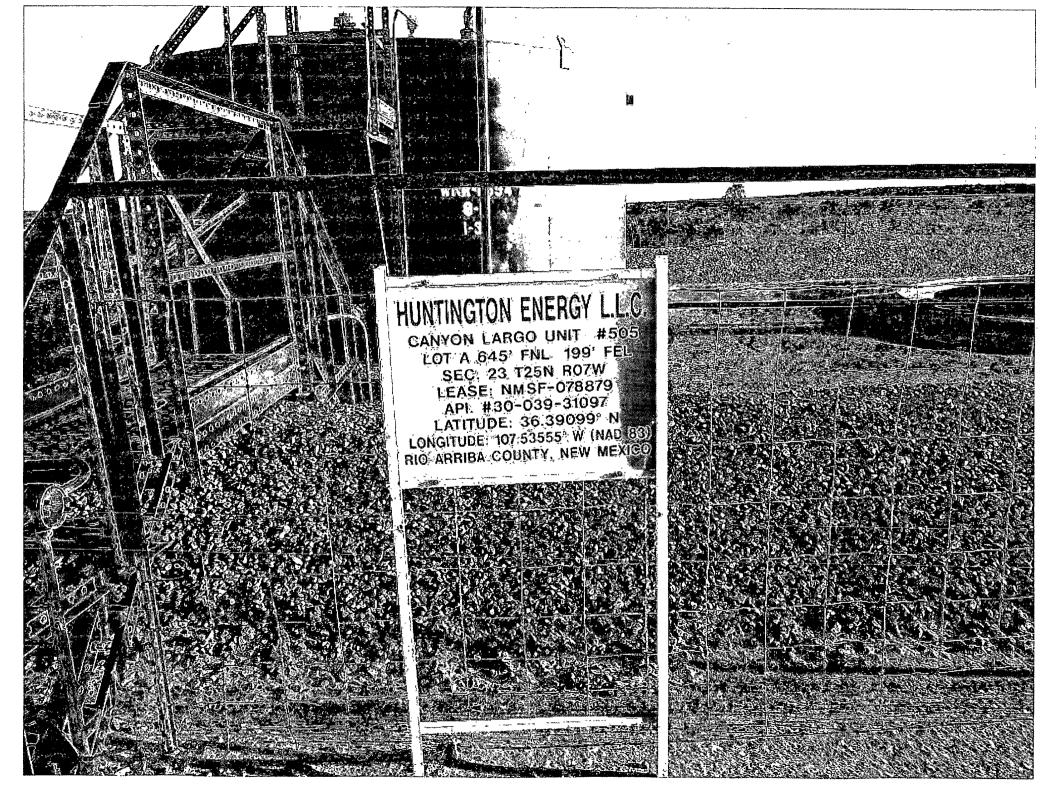
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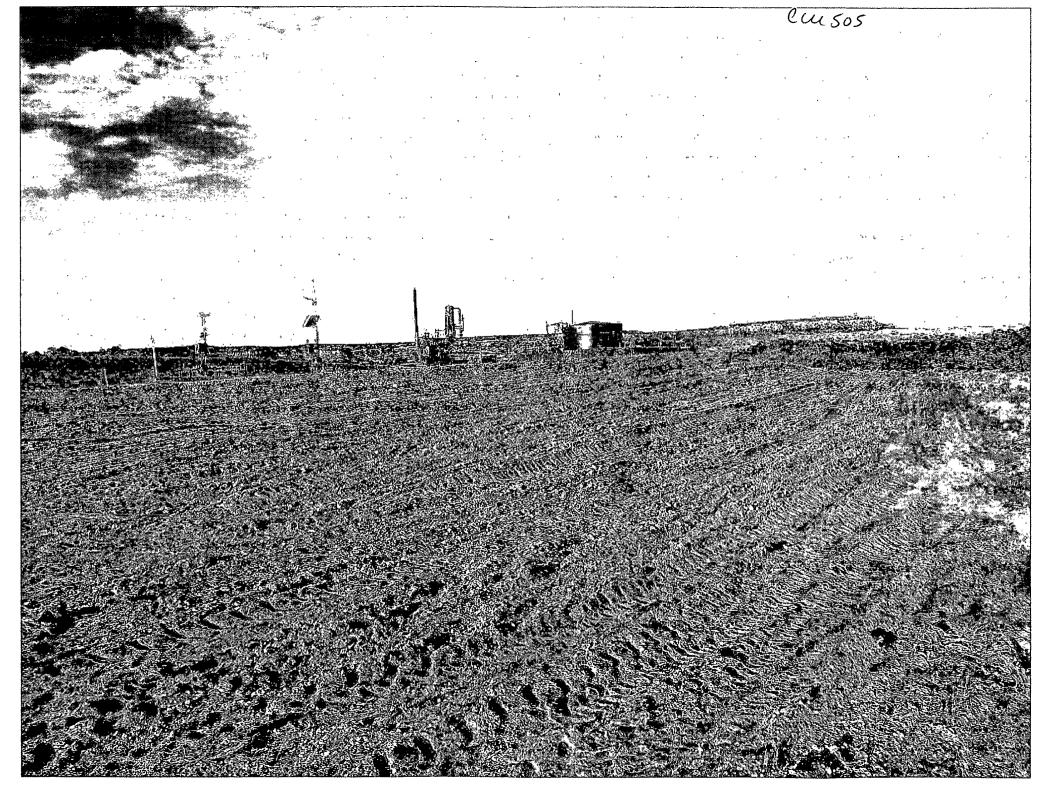
Latitude: 36.39099 Longitude: - 107.53555

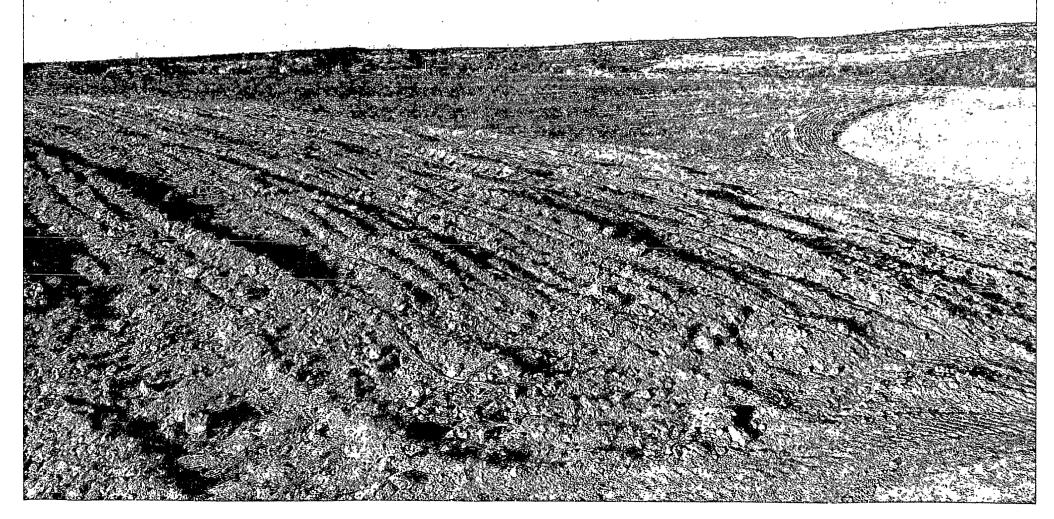
Notes	
Canyon Largo Unit #505	
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NTINGTON ENERGY L.L.C.

CANYON LARGO UNIT #505

LOT A 645' FNL 199' FEL

SEC 23 T25N R07W

LEASE: NMSF-078879

API. #30-039-31097 LATITUDE: 36.39099° N

LONGITUDE: 107.53555° W (NAD 83)





