REGEIVED

State of New Mexico Energy Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 8705

2009 ABRELichITV1 30 APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

		Relia	Operator Name nt Exploration & 3700 Kermit Odessa, Texa	and Address Production, LI Highway IS 79764		251905 3API Number 30 - 02/ - 20495							
Prope _3 > 4	erty Code					Name Well No. LS LLC 1931 8-1-K							
	<u>~</u>		Proposed Pool 1						10 Proposed	i Pool 2			
		В	avo Dome 96010	7 C	antio	<u> </u>							
UL or lot no.	Section	Township	Range	Lot Idn	urface Lo	North/South line		Feet from the	East/West line	County			
K K	8	19 North	31 East	Lot Iun	1700'		Nordivi	oddi inic	1700'	Last west line	County		
		<u> </u>	NMPM					uth		West	Harding		
			⁸ Proposed	l Bottom Ho	le Location	If Dit	fferent I	From Su	rface	· · · · · · · · · · · · · · · · · · ·			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	the	North/S	outh line	Feet from the	East/West line	County		
	l			Addition	nal Well I	nfori	nation	1			1		
	Type Code N		12 Well Type Cod C	e	13 Cable/F R	Rotary		•	⁴ Lease Type Code P		evel Elevation 465		
	lultiple NO		¹⁷ Proposed Dept 2600'	h	¹⁸ Forma TUB			CA	¹⁹ Contractor APSTAR DRILLING	6/15/2 ⁴	²⁰ Spud Date		
Depth to Grou	indwater			Distance from	n nearest fresh > 1000'	water v	well		Distance fro	m nearest surface w	rater		
	Synthetic	☑ _20	mils thick Clay	☐ Pit Volum		bls		Drilling	Method:	1000			
Close	d-Loop Sys	tem 🗌								Oil-based Gas/	Air 🗌		
			²¹ P ₁	roposed Ca	asing and	Cem	ent Pr	ogram					
Hole Si	ze	Casing		asing weight/fo		Setting !			acks of Cement	ent Estimated TOC			
12-1/4	4"	8-5/	/8"	24#		700'			300SX	SURF	ACE		
7-7/8	,,,	.5-1/	2" 5	9#FG/15.	5# 260	2600'			400SX	SURF	ACE		
										<u> </u>			
								_	··				
Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary. SEE ATTACHMENTS													
23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ⊠, a general permit □, or an (attached) alternative OCD-approved plan □.									N				
Signature:)/w	Vapprov		<u>~/</u>		Approved by: Marton							
Printed name:	Scott S. V	anderburg		8		Title	e:	Dis	STRICT SL	JPERVISO	R		
Title: Preside	ent					App	oroval Da	ite: 5	14/09	Expiration Date:	5/4/11		
E-mail Addre	ss: scottv@	reliantholdir	ngsltd.com						, <u> </u>		,		
Date:	1/16/	09	Phone	432-362-9206		Con	Conditions of Approval Attached						

ATTACHMENT C-101 RELIANT EXPLORATION & PRODUCTION WELL 8-1-K

PROPOSED TD: 2600'

BOP PROGRAM:

0-700' None

700 – 2600' 9" annular 3000# Ragan Tuaras

Casing:

Surface: 8-5/8" OD 24# J55 8rd ST&C new casing set at 700' 12-1/4" hole Centralizers from TD – Surface, every fourth

joint

Production:

5 -1/2" OD new casing from 0-2600'

300' - 15.5# J55 8rd LTC 2300' - 5.9# 10rd FG

7 - 7/8" hole -5 centralizers

* This well will have fiberglass casing from the surface down to the productive interval (Tubb). Steel casing will be used across the Tubb. The fiberglass casing will at a minimum penetrate the Cimarron formation, with the optimum setting point being the midpoint of the Cimarron formation.

Cement:

Surface – Circulate cement with 300sx class C – additives 2# C45, weight of 12.4# per gallon. Yield 2.14 and 1/8# of Celaflake per sx. Tail Cement 100sx class C 2%CACl with 1/8# per sx Celaflake Yield of 1.32# with weight of 14.8# per gallon

Production- Circulate cement with 400sx class C – additives 2# C45, weight of 12.4# per gallon. Yield 2.14 and 1/8# of Celaflake per sx. Tail Cement 100sx class C 2%CACl with 1/8# per sx Celaflake Yield of 1.32# with weight of 14.8# per gallon

Mud

0-700

Fresh water/native mud. Wt 8.6-9.2ppg,

Vis 32.=-36sec

700-2600'

Fresh water/ Starch/Gel with ph control as needed.

Wt 9.0-9.2ppg, Vis 28-29 sec

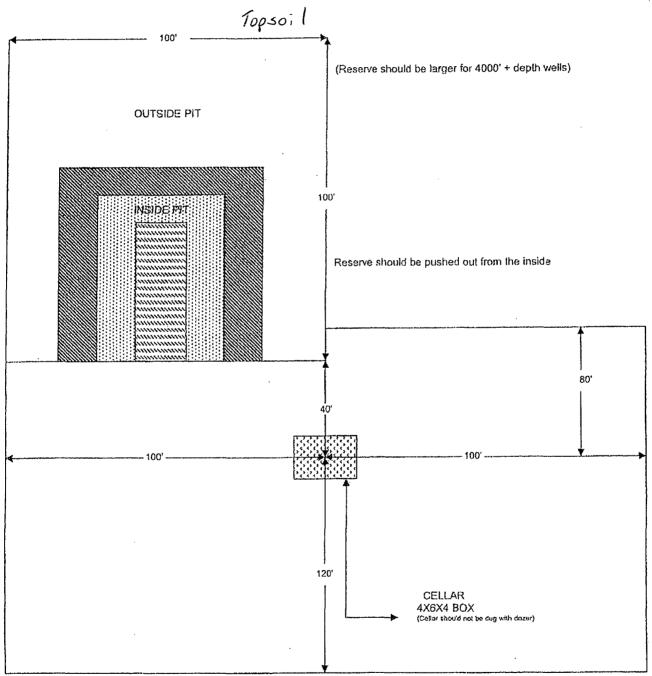
80' X80'

Utilizing Metal Pits with a 20' by 90' by 6' deep reserve lined pit with 12-ply liner.

L- 20 MIL LINER REQUIRED



LOCATION SPECIFICATION FOR STEEL PITS (PICTURE NOT TO SCALE)



Cellar can be 4X4X4 if using a screw-on wellhead

Form C-102 District 1 State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 Revised October 12, 2005 Energy, Minerals & Natural Resources Department District II Submit to Appropriate District Office 1301 W. Grand Avenue, Artesia, NM 88210 OIL CONSERVATION DIVISION State Lease- 4 Copies District III 1220 South St. Francis Dr. 1000 Rio Brozos Rd., Aztec, NM 87410 Fee Lease-3 Copies District N Santa Fe. NM 87505 1220 S. St. Francis Dr., Santa Fe, NM 87505 ☐ AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Name API Number Pool Code 96010 Bravo Dome 30-021-20495 Well Number Property Name Property Code 8 - 1 - KLIBBY MINERALS LLC 1931 370*25* Operator Name Elevation OGRID No. RELIANT EXPLORATION & PRODUCTION, LLC. 4465 Surface Location Lot Idn Feet from the North/South line Feet from the East/West line UL or lot no. Section Township Range County SOUTH 8 19 NORTH 31 EAST, N.M.P.M. 1700' 1700' WEST HARDING Bottom Hole Location If Different From Surface UL or lot no. Section Township Lot Idn Feet from the North/South line Feet from the East/West line County Joint or Infill Consolidation Code Order No. **Dedicated Acres** 0 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. 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 unleased mineral 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 voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Sianature LITT VANDERBUR Printed Name SURVEYOR CERTIFICATION SURFACE LOCATION NEW MEXICO EAST NAD 1927 I hereby certif Y=1779526.9 X=695867.6 shown on U field note: LAT.: N 35.8891122° LONG.: W 103.6720826° me or under g 1700 the san Date of SOMESSIONAL LA Signature and 1700, Professional Si Certificate Number 15079

WO# 071217WL-j (Rev. C) (KA)

ربر <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 1301 W. Grand Avenue, Artesia, NM 88210 District III
1000 Rio Brazos Road, Aztec, NM 87410 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.

Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application
Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Modification to an existing permit Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system,
below-grade tank, or proposed alternative method
Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
1. Operator: Reliant Exploration & Production, LLC Address: 3700 Kermit Highway Odessa, Texas 79764 OGRID #: 251905
Facility or well name: Libby Minerals LLC 1931 No. 8-1-K API Number: 30-021-20495 OCD Permit Number:
U/L or Qtr/Qtr K Section 8 Township 19N Range 31E County: Harding Center of Proposed Design: Latitude 35.8891122° N Longitude 103.6720826° W NAD: □ 1983 Surface Owner: □ Federal □ State □ Private □ Tribal Trust or Indian Allotment
2. Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover
□ Permanent □ Emergency □ Cavitation □ P&A □ Lined □ Unlined Liner type: Thickness 20 mil □ LLDPE □ HDPE □ PVC □ Other □ □ □ String-Reinforced
Liner Seams: Welded Factory Other Volume: 850 bbl Dimensions: L 80' x W 80' x D 6'
Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other Liner Seams: Welded Factory Other
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.

2										
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. Notting Subsection F of 10.15.17.11 NMAC (duality to a superior duality and to tout to the superior tout tout to the superior tout tout to the superior t										
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										
Signed in compliance with 19.19.3.103 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 of	office for									
consideration of approval. 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 appropriate or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of 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 UNKNOWN									
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No									
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☑ No ☐ NA									
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to permanent pits) - 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 audinorse										
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									
adopted pursuant to NMSA 1978, Section 3-27-3, as amended.	☐ 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.										
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. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site Within the area overlying a subsurface mine.	☐ 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 19.15.17.12 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:
above ground steel tanks or haul-off bins and propose to implement waste removal for closure)
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odors, including H 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 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 I of 19.15.17.13 NMAC ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Instructions: Please indentify the facility or facilities for the disposal of liquids, a facilities are required.	Steel Tanks or Haul-off Bins Only: (19.15.17.13.1 drilling fluids and drill cuttings. Use attachment if n	NMAC) nore than two
•	Disposal Facility Permit Number:	
	Disposal Facility Permit Number:	
Will any of the proposed closed-loop system operations and associated activities oc ☐ Yes (If yes, please provide the information below) ☐ No	•	
Required for impacted areas which will not be used for future service and operation Soil Backfill and Cover Design Specifications based upon the appropriate Re-vegetation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection	requirements of Subsection H of 19.15.17.13 NMAC I 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 provided below. Requests regarding changes to certain siting criteria may requir considered an exception which must be submitted to the Santa Fe Environmental demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC f	e administrative approval from the appropriate disti Bureau office for consideration of approval. Justi,	ict 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 signals (measured from the ordinary high-water mark). Topographic map; Visual inspection (certification) of the proposed site 	nificant watercourse or lakebed, sinkhole, or playa	Yes No
Within 300 feet from a permanent residence, school, hospital, institution, or church - Visual inspection (certification) of the proposed site; Aerial photo; Satellite		☐ Yes ☐ No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less watering purposes, or within 1000 horizontal feet of any other fresh water well or spring that less watering purposes, or within 1000 horizontal feet of any other fresh water well or spring that less watering purposes, or within 1000 horizontal feet of any other fresh water well or spring that less water wat	pring, in existence at the time of initial application.	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh wate adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approve	·	Yes No
Within 500 feet of a wetland US Fish and Wildlife Wetland Identification map; Topographic map; Visua	ll 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 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 by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of Construction/Design Plan of Burial Trench (if applicable) based upon the ap Construction/Design Plan of Temporary Pit (for in-place burial of a drying part of Protocols and Procedures - based upon the appropriate requirements of 19.15 Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Disposal Facility Name and Permit Number (for liquids, drilling fluids and dans Soil Cover Design - based upon the appropriate requirements of Subsection Re-vegetation Plan - based upon the appropriate requirements of Subsection	uirements of 19.15.17.10 NMAC Subsection F of 19.15.17.13 NMAC propriate requirements of 19.15.17.11 NMAC ad) - based upon the appropriate requirements of 19.1 .17.13 NMAC uirements of Subsection F of 19.15.17.13 NMAC Subsection F of 19.15.17.13 NMAC rill cuttings or in case on-site closure standards cannot of 19.15.17.13 NMAC I of 19.15.17.13 NMAC	5.17.11 NMAC
Site Reclamation Plan - based upon the appropriate requirements of Subsecti	OILO OL 17.13.17.13 NIVIAC	

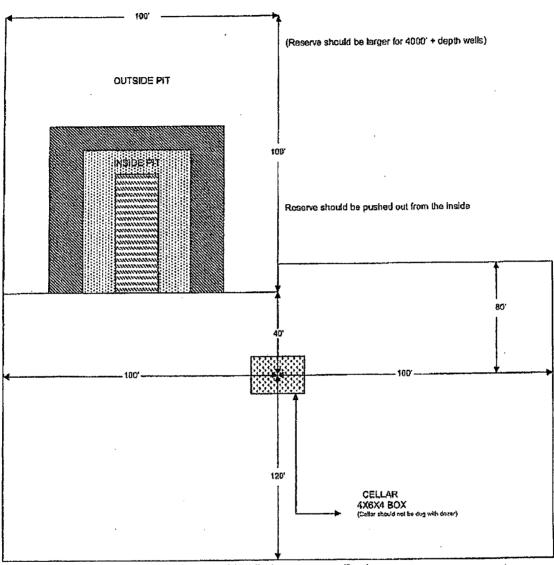
Operator Application Certification: I hereby certify that the information submitted with this application is true, according to the control of the control	urate and complete to the best of my knowledge and belief.
Name (Print): Scott Vanderburg	Title: <u>President</u>
Signature:	Date: 4/16/09
e-mail address: Scottv@floco2.com	Telephone: 432-638-6455
OCD Approval: Permit Application (including closure plan) Closure	Plan (only) OCD Conditions (see attachment)
OCD Representative Signature:	Approval Date: _5/4/09
Title:DISTRICT SUPERVISOR	OCD Permit Number:
Closure Report (required within 60 days of closure completion): Subsection Instructions: Operators are required to obtain an approved closure plan prior The closure report is required to be submitted to the division within 60 days of section of the form until an approved closure plan has been obtained and the	r to implementing any closure activities and submitting the closure report. f the completion of the closure activities. Please do not complete this
	Closure Completion Date:
22. Closure Method: Waste Excavation and Removal ☐ On-Site Closure Method ☐ Altern If different from approved plan, please explain.	native Closure Method
Closure Report Regarding Waste Removal Closure For Closed-loop System Instructions: Please indentify the facility or facilities for where the liquids, dr two facilities were utilized.	
Disposal Facility Name:	
Disposal Facility Name:	
Were the closed-loop system operations and associated activities performed on a Yes (If yes, please demonstrate compliance to the items below) \(\bigcap \) No	or in areas that will not be used for future service and operations?
Required for impacted areas which will not be used for future service and operation Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	ations:
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 Long	itude NAD:
Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure belief. I also certify that the closure complies with all applicable closure require	
Name (Print):	Title:
Signature:	Date:
e-mail address:	Telephone:

District | 1625 N. French Or., Hobbs, NM 88240 District | 1301 W. Grand Avenue, Artesia, NM 68210 Cistrict | |

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease- 4 Copies

Distri			, NU 8741		1220 South St. Francis Ur. . Santa Fe, NM 87505								Fee Lease- 3 Copies				
1220 S. St. Francis Br., Santa Fe, HM 87505 WF1 I									-			OATION DIA	T	☐ A	mendeo f	REPORT	
		API	Numb	ier		<u>WELL I</u>	LOCA Post	MUN AND	ACRE	LAGE L)EUK	CATION PLA	Pool Name				
								6010	و	1							
	Prope	rly Co	ie				LI	NIM YBB	Property ERAI		.C 1	.931			Well Number 8-1-K		
<u> </u>	CCR	D No.							perator						i	Elevation	
<u></u>					RE	LIANT	, E)					UCTION, L	LC.			4465'	
UL or k	1 00 5	ection	T	ounship	_		Rano			Locoti		North/South line	Feet from the	East/fie	st Ene	County	
ĸ		8		NORTH	;	31 EAS		I.M.P.M.		170		SOUTH	1700'	WES		HARDING	
L	i_	i			Щ	Rott	om	Hole Loca	l	lf Diff.	eren	t From Sur	face				
UL or lo	t ao. S	ection	Te	oenship	1		Rong		Lat Ida	Feet from	m the	North/South line	Feet from the	East/No:	st line	County	
Ded	icoted A	cres	Joint	or inidi	Cons	oEdation (code	Order No.								!	
No of	owable	e will	be os	ssianed t	o this	comple	tion	until all inter	rests h	gve bee	n co	nsolidated or	a non-stand	lard unit	has been	approved by the	
divisio				•		•										., ,	
				1			1		·—,—					OPERATO	R CERTIF	TCATION	
1													I he			e information	
1													cont to t	oined here he best of	sin is true f my kno:	and complete wiedge and	
				1								•	eithe	f, and the ir owns a	working i	interest or	
				1									inclu	dies the c	nmonsed	it in the load bottom hale	
													well	at this lo	cation pu	to drill this rsuant to a	
													mine	ral or wa	rkina intar	of such a rast, or to a	
													com	pulsory pool	rig agreer valing order	ment or a er heretofore	
													ente	ied by un	, ((115)()).		
							ŀ						Sign	oture		Data	
													J.,				
				-									Print	ed Name			
								4		_				URVEYOR	CERTIFIC	ITION	
								SURFACE L NEW MEXIC NAD 1	00 EAST 027				R				
					/		-	Y=1779 X=6958	526.9 367.8				show	reby certifing on this notes of	tion was	Torted you	
-		1700	·		5			LAT.: N 35. LONG.: W 10	3.672082	26"			me the	or upder (sombesis I	une and	vision and that	
													best	of 1988	^{हाहा} (150)	79) \ \&\	
							_							EBRUA	<u> </u>	:608 <u> </u>	
				1									Date	of Subst		THO	
				100,									Sign Prof	ature ont essional S	Zak Sign	MAI LAND	
1				=									0	T	1) 1	1 shahu	
													Cert	Lerry ficate Nur	nber	15079	
					<u> </u>									/	./~ 0∦ 07121	7WL-j (Rev. C) (KA)	



Hydrogeological Data (Based on Appropriate Requirements of 19.15.17.11 NMAC)

Well Name:

Libby Minerals LLC 1931 No. 8-1-K

Topography:

This location is within the Great Plains Physiographic Province, with flat to rolling prairie and scattered hills and bluffs. The land gradually rises westward, giving way to the frontal ranges of the Rocky Mountains. Elevation of the referenced well is approximately 4465 feet MSL. The location is in mid elevations, on a gentle northern slope of Black Hills, overlooking a tributary of Ute Creek to the north and west (see Siting Criteria Map II, attached).

Soils:

Soils within this region have been mapped by the Natural Resources Conservation Service. The following soil unit occurs within the proposed project area:

Berthoud loam, 1 to 5% slopes:

This soil type is generally found on plains at an elevation of 5000 to 7000 feet. It is made up of 90% Berthoud and similar soils. Berthoud soils, found on footslopes of alluvial fans, formed from calcareous alluvium derived from igneous and sedimentary rock. This soil type is well drained and has a high available water capacity. The capacity of the most limiting layer to transmit water is moderately high or high. There is no frequency of flooding or ponding. A typical profile for Berthoud soil would be loam at 0 to 12 inches, and clay loam at 12 to 60 inches.

Source: United States Department of Agriculture, Natural Resources Conservation Service. 2008. Soil Survey Geographic (SSURGO) Database for Harding County, New Mexico. Accessed February 2009.

Geology:

The geology of this region has been mapped by the United States Geological Survey. Geology of this area is mapped as Alluvium, upper and middle Quaternary.

Source: United States Geological Survey. Updated December 2007. Preliminary Integrated Geologic Map Databases for the United States: Central States: Montana, Wyoming, Colorado, New Mexico, North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, Texas, Iowa, Missouri, Arkansas, and Louisiana. http://tin.er.usgs.gov/geology/state/state.php?state=NM. Accessed February 2009.

Surface Hydrology:

Northeastern New Mexico is drained by the Arkansas River and its tributary, the Canadian River. The location would drain to the north-northeast into either Ute Creek, a tributary of the Canadian River (to the north) or a tributary associated with Ute Creek (to the west and north). Topographic maps indicate that the pit would be greater than 300 feet from any significant watercourse (see Siting Criteria Map II, attached).

Ground Water Hydrology:

This location is within central Harding County, New Mexico, within the Great Plains Physiographic Province. The High Plains aquifer extends westward into eastern Harding County, but in the proposed project region there is no principal aquifer. Aquifers do not exist here, yield too little water to wells to be significant, or yield sufficient water to supply local requirements but are not extensive enough to be classified as a major aquifer.

Depth to groundwater is unknown at this location. The nearest water well identified on iWaters, TU 1363, is approximately 2.7 miles north of the site. Depth to water at this well is 24 feet. The next nearest well, TU 503, is approximately 4.2 miles from the pit; no water depth data is available for that well (see Siting Criteria Map I and iWaters reports, attached).

Source: United States Geological Survey. 2001. Groundwater Atlas of the United States: Arizona, Colorado, New Mexico and Utah. USGS Publication HA 730-C; http://capp.water.usgs.gov.

New Mexico Office of the State Engineer. August 2008. iWaters database. http://iwaters.ose.state.nm.us:7001/iWATERS/. Internet accessed February 2009.

Siting Criteria Compliance Demonstrations (Based on Appropriate Requirements of 19.15.17.10 NMAC)

Depth to groundwater (should not be less than 50 feet):

Depth to groundwater is unknown at this location. The nearest water well identified on iWaters, TU 1363, is approximately 2.7 miles north of the site. Depth to water at this well is 24 feet. The next nearest well, TU 503, is approximately 4.2 miles from the pit; no water depth data is available for that well (see Siting Criteria Map I and iWaters reports, attached).

Distance to watercourse (should not be within 300 feet of a continuously flowing watercourse or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake):

Topographic maps indicate that the pit would be greater than 300 feet from any significant watercourse (see Siting Criteria Map II, attached).

<u>Distance to buildings (should not be within 300 feet of a permanent residence, school, hospital, institution, or church):</u>

The pit would not be within 300 feet of any of these locations (see Siting Criteria Map I).

<u>Distance to springs or wells (should not be within 500 feet of a private, domestic fresh water well or spring used by less than five (5) households or within 1000 feet of any other fresh water well or spring):</u>

The pit would not be within 500 feet of any well or spring (see Siting Criteria Map I).

<u>Presence within incorporated area (should not be within incorporated municipal boundaries or within defined municipal fresh water well field covered under municipal ordinance):</u>

The pit would not be within an incorporated area or municipal fresh water well field (see Siting Criteria Map I).

Distance to wetlands (should not be within 500 feet):

The USFWS has not mapped this location for wetlands (see Wetlands map, attached). However, topographic and ortho data indicate that the location is not near a wetland.

Location above subsurface mine (should not overlie a subsurface mine):

The pit would not overlie a mine (see Mines, Mills, and Quarries map, attached).

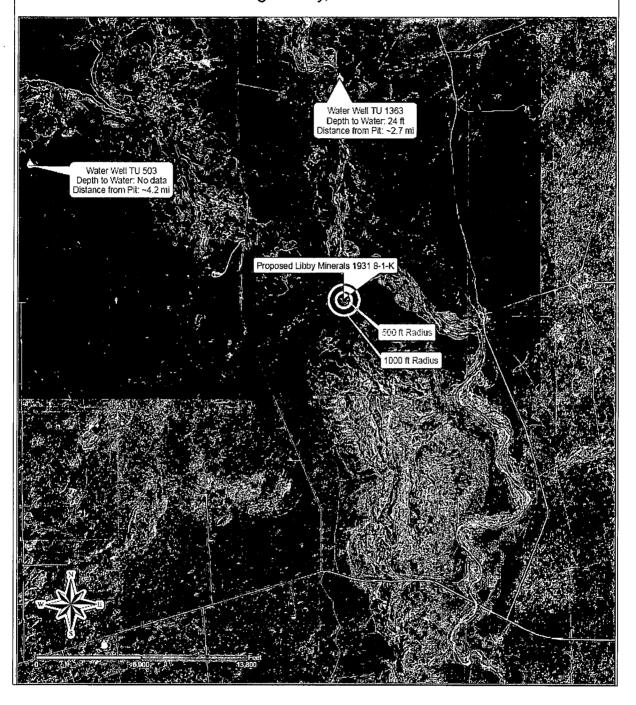
Presence within unstable area (should not be within an unstable area):

The location would not be within an unstable area (See Siting Criteria Map II).

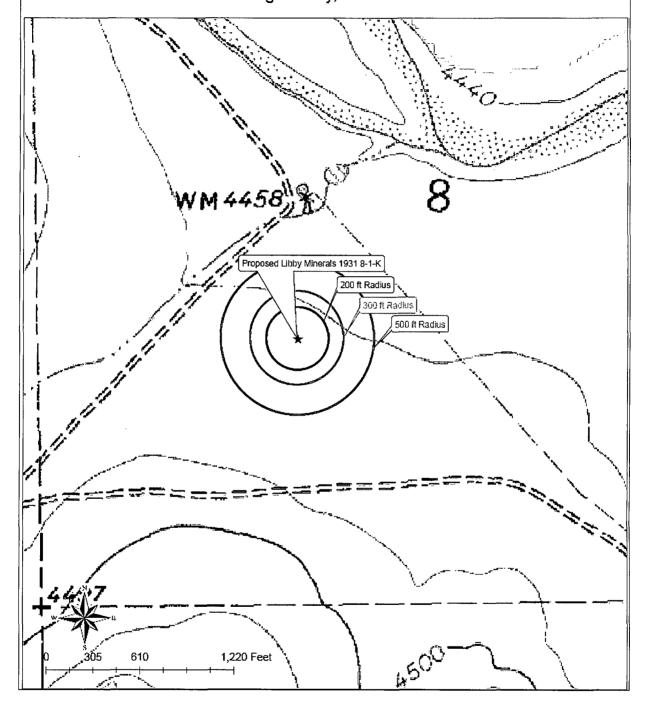
Presence within floodplain (should not be within a 100-year floodplain):

The location has not been mapped by FEMA (see FEMA printout, attached). However, topographic and ortho data indicated that the location is not within a floodplain.

Siting Criteria Map I Water Wells Reliant Exploration & Production, LLC Libby Minerals LLC 1931 No. 8-1-K T19N, R31E, Section 08, NMPM Harding County, New Mexico



Siting Criteria Map II
Topographic Features
Reliant Exploration & Production, LLC
Libby Minerals LLC 1931 No. 8-1-K
T19N, R31E, Section 08, NMPM
Harding County, New Mexico



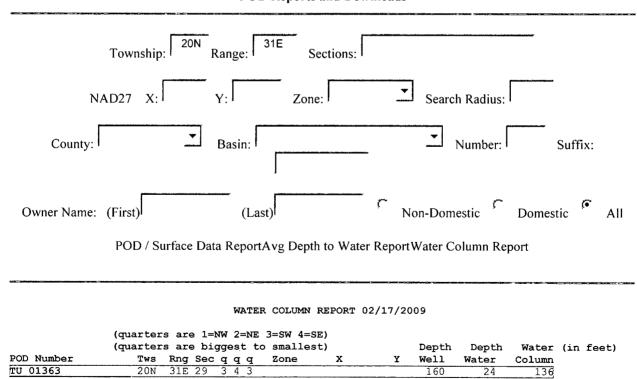
DEPTH-TO-WATER DATA

New Mexico Office of the State Engineer **POD Reports and Downloads**

	Township: 191	N Range: 31E Sections:		
	NAD27 X:	Y: Zone:	Search Radius:	Parameter of Administration of Parameter of
Co	ounty: Ba	isin:	Number:	Suffix:
C	Owner Name: (First)	(Last)	Non-Domestic	Domestic All
	POD / Surface	Data ReportAvg Depth to Wat	er ReportWater Column Rep	port
OD Number	(quarters are 1=NW 2=N (quarters are biggest Tws Rng Sec q q q	to smallest)		in feet)

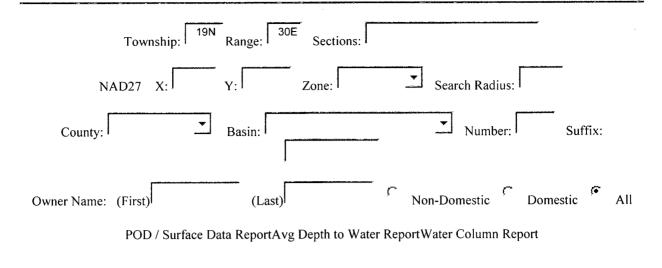
N

New Mexico Office of the State Engineer **POD Reports and Downloads**



Record Count: 1

New Mexico Office of the State Engineer POD Reports and Downloads



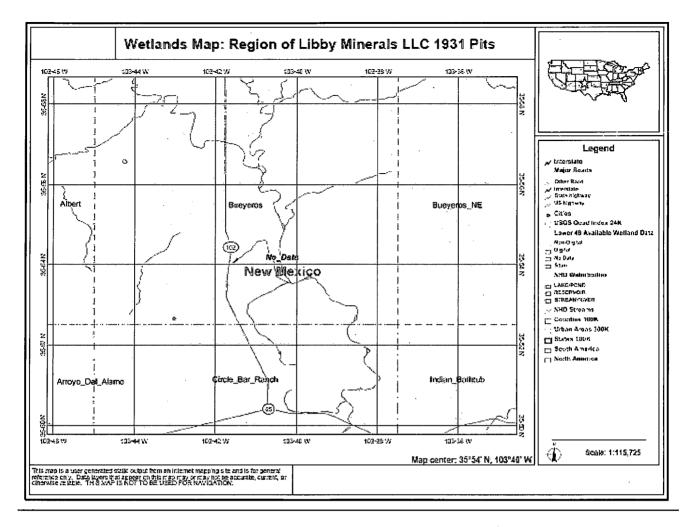
WATER COLUMN REPORT 02/17/2009

	(quarter	s are	e 1=1	WN	2=	=NE	3=SW 4=SE	3)					
	(quarter	s are	e bi	gge	est	to:	smallest	:)		Depth	Depth	Water	(in feet)
POD Number	Tws	Rng	Sec	q	q	q	Zone	x	Y	Well	Water	Column	
TU 00513	19N	30E	04	2	3	1				60			
TU 01698 POD1	19N	30E	04	3	4	1				85	70	15	

Record Count: 2

Source: New Mexico Office of the State Engineer. August 2008. iWaters database. http://iwaters.ose.state.nm.us:7001/iWATERS/. Internet accessed February 2009.

WETLAND DATA



Source: U.S. Fish and Wildlife Service National Wetlands Inventory. Updated March, 2009. http://www.fws.gov/wetlands/Data/mapper.html. Accessed March 2009.

100-Year Floodplain Data

FEMA Map Service Center - FEMA Issued Flood Maps

http://msc.fema.gov/webapp/wcs/stores/servlet/CategoryDisplay?store...



Product Catalog | Map Search | Quick Order | Digital Post Office | Help

Home > Product Catalog > FEMA Issued Flood Maps

FEMA Issued Flood Maps

State: NEW MEXICO

County: HARDING COUNTY

Community: HARDING CO *

Sorry there are no items to display for this State, County and Community.

* designates unincorporated areas

FEMA.gov | Accessibility | Privacy Policy | FAQ | Site Help | Site Index | Contact Us

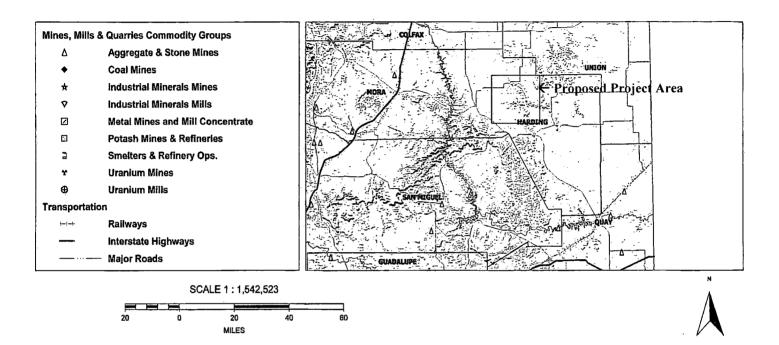
FEMA Map Service Conter, P.O. Box 1038 Jessup, Maryland 20794-1038 Phone: (800) 358-9616 Adobe Acrobat Reader required to view certain documents. Click here to download.

Source: FEMA Map Service Center.

http://msc.fema.gov/webapp/wcs/stores/servlet/FemaWelcomeView?storeId=10001&catalogId=10001&lan

gId=-1. Accessed February 2009.

MMQonline Public Version



http://www.emnrd.state.nm.us/MMD/MMQonline/MMQonline-PUBLIC-PROD.mwf

Tuesday, March 31, 2009 11:13 AM

Source: New Mexico Energy, Minerals and Natural Resources Department, Division of Mining and Minerals. Database. 2008. http://www.emnrd.state.nm.us/MMD/MRRS/MinesMillsQuarriesWebMap.htm. Internet accessed February 2009.

Design Plan (Based on Appropriate Requirements of 19.15.17.11 NMAC)

Design and construction specifications for this temporary pit are as follows:

, or \$

- Prior to constructing the pit, topsoil would be stripped and stockpiled for use as final cover or fill at the time of closure.
- An upright sign (at least 12" x 24" with lettering at least 2" in height) would be placed conspicuously on the fence surrounding the pit, unless the site has an existing well sign (complying with 19.15.3.103 NMAC). The sign would be posted in a manner and location such that the legend can be easily read, and would contain the following information: operator's name, legal location (quarter-quarter or unit letter, section, township, and range), and emergency telephone number(s).
- If an adequate surrounding perimeter fence does not already prevent unauthorized access to the well site or facility, the pit would be fenced or enclosed in a manner that prevents unauthorized access. The fence would be at least four (4) foot in height with at least four (4) strands of barbed wire evenly spaced between the top and bottom. Fences would be maintained in good repair. During drilling or workover operations, three (3) sides of the pit would be fenced; the side adjacent to the drilling or workover rig would remain open only during such operations.
- The pit would be designed and constructed to ensure the confinement of liquids.
- The pit would be constructed with a properly constructed foundation and interior slopes consisting of a firm, unyielding base. The pit would be smooth and free of rocks, debris, sharp edges, or irregularities to prevent the liner's rupture or tearing. Slopes would be no steeper than two (2) horizontal feet to one (1) vertical foot (2H:1V).
- The pit would have a geomembrane liner with 20-mil string-reinforced LLDPE or its equivalent (approved by the division district office). This liner would be composed of an impervious, synthetic material resistant to petroleum hydrocarbons, salts, and acidic and alkaline solutions. The liner would be resistant to ultraviolet light. The liner would comply with EPA SW-846 method 9090A.
- Qualified personnel would perform field seaming. Liner seams would be minimized, particularly in corners and irregularly shaped areas. Field liner seams would be welded. Factory-welded seams would be used where possible. Prior to field seaming, liners would be overlapped four (4) to six (6) inches and would be oriented parallel to the line of maximum slope (along, not across, the slope).
- Construction would avoid excessive stress-strain on the liner.
- Geotextile would be used under the liner where needed to reduce localized stress-strain or protuberances that may compromise the liner's integrity.
- The edges of all liners would be anchored in the bottom of a compacted, earth-filled trench that is at least 18" deep.
- The liner would be protected from any fluid force or mechanical damage at any point of discharge into or suction from the pit.
- A berm, ditch, proper sloping, or other diversion would be constructed around the pit to prevent run-on of surface water. During drilled operations, the edge of the pit adjacent to the drilling or workover rig may not have protection if the pit is being used to collect liquids escaping from the rig and run-on will not result in a breach of the pit.
- The volume of the pit would not exceed 10 acre-feet, including freeboard.

Operating & Maintenance Plan (Based on Appropriate Requirements of 19.15.17.12 NMAC)

Operating and maintenance specifications for this temporary pit are as follows:

A \$. 5 . .

- The pit would be maintained to contain liquids and solids, prevent contamination of fresh water, and protect public health of the environment.
- All drilling fluids would be recycled, reused, reclaimed, or disposed of in a manner approved by division rules and that prevents contamination of fresh water and protects public health and the environment.
- Hazardous waste would not be discharged into or stored in the pit.
- If the pit liner's integrity is compromised or if penetration of the liner occurs above the liquid's surface, the appropriate division district office would be notified within 48 hours of the discovery, and the liner would be repaired or replaced.
- If the pit develops a leak or if any penetration of the liner occurs below the liquid's surface, all liquid above the damake or leak line would be removed within 48 hours, the appropriate division district office would be notified within 48 hours, and the liner would be repaired or replaced.
- The injection or withdrawal of liquids from the pit would be accomplished via a header, diverter, or other hardware that prevents damage to the liner by erosion, fluid jets, or impact from installation and removal of hoses or pipes.
- Pit operation would prevent the collection of surface water run-on.
- An oil-absorbent boom or other device would be installed and maintained onsite to contain and remove oil from the pit's surface.
- Only fluids used or generated during drilling or workover processes would be discharged into the pit. The
 pit would remain free of miscellaneous solid waste or debris. A tank made of steel or other division
 district office-approved material would be used to contain hydrocarbon-based drilling fluids.
 Immediately after cessation of a drilling or workover operation, any visibly or measurable layer of oil
 would be removed from the surface of the pit.
- At least two (2) feet of freeboard would be maintained.
- The pit would be inspected at least once daily while the drilling or workover rig is onsite. Thereafter, the pit would be inspected weekly as long as liquids remain within it. An inspection log would be maintained and made available to the division district office upon request. A copy of the log would be filed with the division district office at the time of pit closure.
- All free liquids would be removed from the pit within 30 days from release of the drilling or workover rig. On form C-105 or C-103, the date of the drilling or workover rig's release would be noted. If necessary, an extension of up to three (3) months may be requested from the division district office; this extension may or may not be granted.
- Any liquids used for cavitation would be removed from the pit within 48 hours after completing cavitation. If it is not feasible to access the location within 48 hours, this would be demonstrated to the district office's satisfaction and additional time would be requested.

Closure Plan

(Based on Appropriate Requirements of Subsection C, 19.15.17.9 NMAC & 19.15.17.13 NMAC)

Closure specifications for this temporary pit are as follows:

0

0

0

• The pit would be closed within six (6) months from the date that the drilling or workover rig is released. If necessary, the division district office may grant an extension not to exceed three (3) months.

- All liquids from the pit would be removed prior to closure. Liquids would be disposed of at the Sundance Services, Inc. Parabo Disposal Facility (Permit No. 010003), unless they are recycled, reused, or reclaimed in a division district office-approved manner.
- All contents, including synthetic pit liners, would be excavated from the pit and transported to Sundance Services, Inc. Parabo Disposal Facility (Permit No. 010003).
- The soils beneath the pit would be tested to determine whether a release occurred. A five-point composite sample would be collected. In addition, grab samples would be gathered from any area that is wet, discolored, or showing evidence of a release. The samples would be sent to an approved laboratory and analyzed for benzene, total BTEX, TPH, the GRO and DRO combined fraction, and chlorides. The following should not be exceeded:
 - o Benzene (as determined by EPA SW-846 method 8021B or 8260B or other division-approved EPA method): 0.2 mg/kg
 - O BTEX (as determined by EPA SW-846 method 8021B or 8260B or other division-approved EPA method): 50 mg/kg
 - TPH (as determined by EPA SW-846 method 418.a or other division-approved EPA method): 2500 mg/kg
 - o GRO and DRO combined fraction (as determined by EPA SW-846 method 8015M): 500 mg/kg
 - Chlorides (ads determined by EPA method 300.1): 500 mg/kg or background concentration, whichever is greater

The division would be notified of the results on form C-141, at which point the division may require additional delineation.

- If it is determined that a release has occurred, Reliant would comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.
- If it is determined that a release has not occurred, or that any release doesn't exceed the above-specified concentrations, the pit excavation would be backfilled with compacted, non-waste-containing, earthen material. A division-prescribed soil cover would be constructed and the site would be recontoured and revegetated, per Subsections G, H, and I of 19.15.17.13 NMAC:
 - All areas associated with the pit that are no longer being used would be substantially restored to
 the condition that existed prior to oil and gas operations by placement of the soil cover (detailed
 below), recontouring to match original contours and surrounding topography, and revegetating
 (detailed below).
 - o If an alternative to the revegetation requirements is required to prevent erosion, protect fresh water, or protect human health and the environment, this alternative would be proposed to the surface owner. The proposed alternative, with written documentation demonstrating that the surface owner approves the alternative, would be submitted to the division for approval.

- Soil cover would consist of the background thickness of topsoil or one (1) foot of material suitable for establishing vegetation at the site, whichever is greater.
- Soil cover would be constructed to the site's existing grade and would prevent ponding of water and erosion of the cover material.
- The first growing season following pit closure, all disturbed areas associated with the pit and no longer being used would be seeded or planted.
- O Seeding would be accomplished by drilling on the contour whenever practical, or by other division-approved methods. Vegetative cover equaling 70% of the native perennial vegetative cover (unimpacted by overgrazing, fire, or other damaging intrusion) would be obtained. This cover would consist of at least three (3) native plant species, including one (1) grass species but not including noxious weeds. That cover would be maintained through two (2) successive growing seasons, during which time no artificial irrigation would occur.
- Seeding or planting would be repeated until the required vegetative cover is successfully achieved.
- O When conditions aren't favorable for the establishment of vegetation (such as during periods of drought), the division would be contacted for approval to delay seeding or planting, or for approval to use additional cultural techniques such as mulching, fertilizing, irrigating, fencing, etc.
- The division would be notified when seeding or planting is completed, and when successful revegetation has been achieved.
- Within 60 days of closure, completion, a closure report would be submitted on form C-144, with necessary attachments, to document closure activities, including sampling results, a plot plan, and backfilling details. In this closure report, Reliant would certify that all information in the report and attachments is correct and that Reliant has complied with all applicable closure requirements and conditions specified in the approved Closure Plan. A plat of the temporary pit location would be provided on form C-105.

Reliant Exploration and Production LLC 300 N. Marienfeld, Suite 600 C C V E Nidland, Texas 79701

2009 APR 21 AM 11 30

April 20, 2009

VIA UPS NEXT DAY AIR

Mr. Ed Martin District IV Supervisor New Mexico Oil Conservation Division 1220 S. St. Francis Dr. Santa Fe, New Mexico 87505

Re: Reliant Exploration & Production LLC OGRID Number: 251905

Forms C-101, C-102, C-144

Dear Mr. Martin:

Reliant Exploration and Production LLC hereby submits for filing with the State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division ("OCD"), the following:

- (i) C-101, Application for Permit to Drill, Well No. 11-1-K, Section 11, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (ii) C-102, Well Location and Acreage Dedication Plat, Well No. 11-1-K, Section 11, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (iii) C-144, Application for Pit Permit, Well No. 11-1-K, Section 11, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (iv) C-101, Application for Permit to Drill, Well No. 8-1-K, Section 8, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (v) C-102, Well Location and Acreage Dedication Plat, Well No. 8-1-K,
 Section 8, Township 19 North, Range 31 East, NMPM, Harding
 County, NM;
- (vi) C-144, Application for Pit Permit, Well No. 8-1-K, Section 8, Township 19 North, Range 31 East, NMPM, Harding County, NM;

- (vii) C-101, Application for Permit to Drill, Well No. 5-1-K, Section 5, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (viii) C-102, Well Location and Acreage Dedication Plat, Well No. 5-1-K, Section 5, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (ix) C-144, Application for Pit Permit, Well No. 5-1-K, Section 5, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (x) C-101, Application for Permit to Drill, Well No. 9-1-K, Section 9, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (xi) C-102, Well Location and Acreage Dedication Plat, Well No. 9-1-K, Section 9, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (xii) C-144, Application for Pit Permit, Well No. 9-1-K, Section 9, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (xiii) C-101, Application for Permit to Drill, Well No. 10-1-K, Section 10, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (xiv) C-102, Well Location and Acreage Dedication Plat, Well No. 10-1-K, Section 10, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (xv) C-144, Application for Pit Permit, Well No. 10-1-K, Section 10, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (xvi) C-101, Application for Permit to Drill, Well No. 14-1-F, Section 14, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (xvii) C-102, Well Location and Acreage Dedication Plat, Well No. 14-1-F, Section 14, Township 19 North, Range 31 East, NMPM, Harding County, NM;

Martin New Mexico OCD April 20, 2009 Page 3

- (xviii) C-144, Application for Pit Permit, Well No. 14-1-F, Section 14, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (xix) C-101, Application for Permit to Drill, Well No. 15-1-F, Section 15, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (xx) C-102, Well Location and Acreage Dedication Plat, Well No. 15-1-F, Section 15, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (xxi) C-144, Application for Pit Permit, Well No. 15-1-F, Section 15, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (xxii) C-101, Application for Permit to Drill, Well No. 16-1-F, Section 16, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (xxiii) C-102, Well Location and Acreage Dedication Plat, Well No. 16-1-F, Section 16, Township 19 North, Range 31 East, NMPM, Harding County, NM;
- (xxiv) C-144, Application for Pit Permit, Well No. 16-1-F, Section 16, Township 19 North, Range 31 East, NMPM, Harding County, NM;

Please let me know if you have any questions or need additional information. Thank you.

Kindest Regards,

Reliant Exploration and Production LLC

Frank A. Hunold, Jr.

General Counsel

Tel. (432) 617-4211

Email: <u>fhunold@reliantholdingsltd.com</u>

Martin New Mexico OCD April 20, 2009 Page 4

Cc: Earl DeBrine Scott Vanderburg Vance Vanderburg Freddie Vanderburg