District I

1625 N. French Dr., Hobbs, NM 88240

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

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 July 21, 2008

For temporary pits, closed-loop sytems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to the Santa Fe

District IV	appropriate NMOCD District Office.
1220 S. St. Francis Dr , Santa Fe, NM 87505	Pit, Closed-Loop System, Below-Grade Tank, or
Prop	osed Alternative Method Permit or Closure Plan Application
Type of action:	X 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	pplication (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request
	f this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the eve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.
Operator: Burlington Resources O	l & Gas Company, LP OGRID#: 14538
Address: PO Box 4289, Farmingt	on, NM 87499
Facility or well name: San Juan 32	9 Unit 39
API Number:3	0-045-11286 OCD Permit Number:
U/L or Qtr/Qtr: B(NWNE) Secti	on: 26 Township: 32N Range: 10W County: San Juan
Center of Proposed Design: Latitud	e: 36.960890' N Longitude: 107.848400' W NAD: X 1927 1983
Surface Owner: X Federal	State Private Tribal Trust or Indian Allotment
Permanent Emergency Lined Unlined I String-Reinforced	cavitation P&A ner type: Thickness mil LLDPE HDPE PVC Other actory Other Volume: bbl Dimensions L x W x D
Type of Operation: P&A Drying Pad X Above Gro Lined Unlined Lin	ion H of 19.15.17.11 NMAC Drilling a new well
Below-grade tank: Subsection Volume: Tank Construction material: Secondary containment with leak of Visible sidewalls and liner Liner Type: Thickness	bl Type of fluid:
5 Alternative Method:	
Submittal of an exception request is re	quired. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pit, temporary pits, and below-grade tanks)	1 . 44	The Arthur	antico de la constante de la c Esta de la constante de la cons	2017/14/15/1-17
		17.		(42 / 56
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent res Four foot height, four strands of barbed wire evenly spaced between one and four feet	idence, school, ho	spital, institu	tion or church)
Alternate Please specify		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.01	
	- 15 . 45 1 .		15.4 44.	
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				
X Signed in compliance with 19.15.3.103 NMAC				
9 Administrative Approvals and Exceptions:			,	İ
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 of the Santa Fe Environi	mental Rureau offi	ice for consid	eration of ann	roval
Administrative approval(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approv		ice for consid	,	vai.
		a set jude, supering	14-3	چه مهچ څو ممدري مسد
Siting Criteria (regarding permitting) 19.15.17.10 NMAC	-			
Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommend		ble	-	,
source material are provided below. Requests regarding changes to certain siting criteria may require administrative a appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental		ا و در می از این از ا	4 ,	
consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guide	•• •		12 84	ļ
does not apply to drying pads or above grade-tanks associated with a closed-loop system.				
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-ground - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby was a search of the state Engineer - iWATERS database search; USGS; Data obtained from nearby was a search of the state Engineer - iWATERS database search; USGS; Data obtained from nearby was a search of the state Engineer - iWATERS database search; USGS; Data obtained from nearby was a search of the state Engineer - iWATERS database search; USGS; Data obtained from nearby was a search of the state Engineer - iWATERS database search; USGS; Data obtained from nearby was a search of the state Engineer - iWATERS database search; USGS; Data obtained from nearby was a search of the state Engineer - iWATERS database search; USGS; Data obtained from nearby was a search of the state Engineer - iWATERS database search; USGS; Data obtained from nearby was a search of the state Engineer - iWATERS database search of the state Engineer - iWAT		e Service Service	Yes	∐No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed,	sinkhole, or pla	ıya lake	Yes	□No
(measured from the ordinary high-water mark). Topographic map; Visual inspection (certification) of the proposed site	د دانون د د د د العصوب د د		en 1.	
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the	he time of initia	1	∏Yes	По
application.	ne time of finda			
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)			NA	
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image		(Comfan)		_
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial contents of the cont	ial application.		. Yes	∐No
(Applied to permanent pits)			NA	
Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	omostia ov stoak v		Yes	□No
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for d purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial ap	1 13	Fig. 3	åLies,	
NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the	a proposed site			
			jir jir jir	No.
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a maximum adopted pursuant to NMSA 1978, Section 3-27-3, as amended	unicipai ordinane		Yes	No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	pality	1, 17 44	·	□ br
Within 500 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification)) of the propose	d site	∐Yes	∐No
Within the area overlying a subsurface mine.	- , -		Yes	□No
- Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	Ku i		, t	,
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; User and the second of the second o	ISGS: NM Gan	logical	Yes	∐No
Society; Topographic map	्रा अस्ति स्	The little of the	1	
Within a 100-year floodplain	2 - by :		Yes	∏Ño.
FEMA map		11.11		,

	porary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment ChecklistSubsection B of 19.15:17.9 NMAC	
Instr	actions: 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.	1
1: <u> </u>	Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC	3,
	Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19:15.17.9	
	Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC	ı
	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	
L	Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of	l
l,	19.15.17.9 NMAC and 19.15.17.13 NMAC	
	reviously Approved Design (attach copy of design) API or Permit	İ
Clo	ed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC	
	actions: 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.	
L	Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9	ı
	Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC	
2	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	
L	reviously Approved Design (attach copy of design) API	
. □I	reviously Approved Operating and Maintenance Plan API	t
- 13	The state of the s	ĺ
	nanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC	
Inst	uctions: 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.	1
. T	Hydrogeologic Report - based upon the requirements of Paragraph (I) 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	
` <u> </u>	Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC	-
. <u> </u>	Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC	
1	Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC	ĺ
	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	
1 [Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11-NMAC	
\	Nuisance or Hazardous Odors, including H2S, Prevention Plan	
	Emergency Response Plan	
1. [Oil Field Waste Stream Characterization	:
Ļ	Monitoring and Inspection Plan	;
	Erosion Control Plan Claruse Plan based was the appropriate assurance of Subsection C of 10.15.17.0 NMAC and 10.15.17.12 NMAC and 10	-
	Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	ļ.*
14 _c	posed Closure: 19.15.17.13 NMAC	
	uctions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.	
Тур	Emergency Cavitation P&A Permanent Pit Below-grade Tank X Closed-loop System	
- 1	Alternative	۰
Prop	osed Closure Method: Waste Excavation and Removal	
	X Waste Removal (Closed-loop systems only)	-
	On-site Closure Method (only for temporary pits and closed-loop systems)	2
3	☐ In-place Burial ☐ On-site Trench	4
9 <u>-11-1</u>	Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration).	1
15		ij
	tte Excavation and Removal Closure Plan Checklist (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan.	:
Plea	se 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	ľ
1 7	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)	
اً دلا	Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17-13 NMAC	
ĪĪ	Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC	
آرزا.	Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	

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Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Ste Instructions: Please identify the facility or facilities for the disposal of liquids, drilling	
facilities are required.	
Disposal Facility Name: Envirotech	Disposal Facility Permit #: NM-01-0011
Disposal Facility Name: Basin Disposal Facility Will any of the proposed closed-loop system operations and associated activ	Disposal Facility Permit #: NM-01-005
Yes (If yes, please provide the information No	
Required for impacted areas which will not be used for future service and operations. Soil Backfill and Cover Design Specification - based upon the appropriate to the service and operations.	•
Re-vegetation Plan - based upon the appropriate requirements of Subse	
Site Reclamation Plan - based upon the appropriate requirements of Sul	bsection G of 19 15.17 13 NMAC
17	
Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 NMA	
	ecommendations of acceptable source material are provided below. Requests regarding changes to may be considered an exception which must be submitted to the Santa Fe Environmental Bureau
office for consideration of approval Justifications and/or demonstrations of equivalency are req	
Ground water is less than 50 feet below the bottom of the buried waste.	Yes No
- NM Office of the State Engineer - iWATERS database search; USGS: Data ob	tained from nearby wells
Ground water is between 50 and 100 feet below the bottom of the buried wa	ste Yes No
- NM Office of the State Engineer - iWATERS database search; USGS; Data obt	
Ground water is more than 100 feet below the bottom of the buried waste.	35 - CO 15 15 - CO 15 15 0 0 0
- NM Office of the State Engineer - iWATERS database search; USGS; Data obt	Yes No Yes No
	1
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other signiful (measured from the ordinary high-water mark).	icant watercourse or lakebed, sinkhole, or playa lake
- Topographic map; Visual inspection (certification) of the proposed site	
Within 300 feet from a permanent residence, school, hospital, institution, or church in	existence at the time of initial application.
- Visual inspection (certification) of the proposed site, Aerial photo, satellite imag	
r de la companya de l	Yes No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less the purposes, or within 1000 horizontal fee of any other fresh water well or spring, in exist.	
- NM Office of the State Engineer - iWATERS database; Visual inspection (certif	
Within incorporated municipal boundaries or within a defined municipal fresh water we pursuant to NMSA 1978, Section 3-27-3, as amended.	ell field covered under a municipal ordinance adopted Yes No
Written confirmation or verification from the municipality; Written approval ob	tained from the municipality
Within 500 feet of a wetland	Yes No
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual ins	pection (certification) of the proposed site
Within the area overlying a subsurface mine.	Yes, No
"- Written confiramtion or verification or map from the NM EMNRD-Mining and	Mineral Division
- Engineering measures incorporated into the design; NM Bureau of Geology & N	Ameral Resources LISGS NM Geological Society
Topographic map	Figure 1
Within a 100-year floodplain.	√ Yes □No
- FEMA map	
18 Con Site Cliquing Plan Charlette (10.15.17.12.) PMAC) Fortunations Front	
by a check mark in the box, that the documents are attached.	h of the following items must bee attached to the closure plan. Please indicate,
Siting Criteria Compliance Demonstrations - based upon the appropri	ate requirements of 19.15.17.10 NMAC
Proof of Surface Owner Notice - based upon the appropriate requiren	nents 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 d	rying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
Protocols and Procedures - based upon the appropriate requirements	of 19.15.17.13 NMAC
Confirmation Sampling Plan (if applicable) - based upon the appropri	iate requirements of Subsection F of 19.15.17.13 NMAC
Waste Material Sampling Plan - based upon the appropriate requirem	ents of Subsection F of 19.15.17.13 NMAC
	is and drill cuttings or in case on-site closure standards cannot be achieved)
Soil Cover Design - based upon the appropriate requirements of Subs	
Re-vegetation Plan - based upon the appropriate requirements of Sub	
Site Reclamation Plan - based upon the appropriate requirements of S	BUDSECTION O OF 19.15.17.15 INMIAC TO THE TOTAL TO THE STATE OF THE S

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Operator Application Certification:		A STATE OF THE STA		
21 hereby certify that the information submitted with this application is true, accurate	and complete to the be	est of my knowledge and belief.		
Name (Print): / Rhonda Rogers	Title:	Regulatory Technician		्, वे.श्रम्भव्याच्या
Signature: / Monda Voc us	Date:	12/17/2008		
e-mail address: rogerrs@conocophillips.com	Telephone:	505-599-4018		
e-mail address:	reconnect	303-377-4010		, , ,
20				
OCD Approval: Permit Application (including closure plan)	Closure Plan (only)	OCD Conditions (see att	achment)	
	211	\		
OCD Representative Signature:		Approval Date:	12-31-68	<u></u>
Title: Enviro /spec	OCD Peri	nit Number:	,	·
21				
Closure Report (required within 60 days of closure completion): Subsect	tion K of 19 15 17.13 NMA	.c		
Instructions. Operators are required to obtain an approved closure plan prior to in	mplementing any closur	re activities and submitting the clos		,
report is required to be submitted to the division within 60 days of the completion of approved closure plan has been obtained and the closure activities have been comp	-	Please do not complete this section	n of the form until an	
approved closing plan mas over commed and the closing a deliving mass seems		e Completion Date:	, *	. 1
		e Completion Date.		<u> </u>
22				-
Closure Method:				
Waste Excavation and Removal On-site Closure Method	Alternative Closure	Method Waste Removal (C	Closed-loop systems only)	11 213
If different from approved plan, please explain.				
~23		1 + 2 + 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	Carrada San A	a since the contract of the co
Closure Report Regarding Waste Removal Closure For Closed-loop Systems T	Γha <u>t Utilize Above Gr</u>	ound Steel Tanks or Haul-off Bin	s Only:	
Instructions: Please identify the facility or facilities for where the liquids, drilling				र नज जीत्री
were utilized.				
Disposal Facility Name:	-	Permit Number:	Constant of the second	232 A
Disposal Facility Name:		/ Permit Number:	Sing Harry State Con 1 -	
Were the closed-loop system operations and associated activities performed on o	7	be used for future service and ope	eartions?	
Yes (If yes, please demonstrate compliane to the items below)	No	es es es es en en	a the series of	الگار مساید از در است. الگار مساید از در میسد
Required for impacted areas which will not be used for future service and opera	ations:	4 A A	्र विद्यासम्बद्धाः स्थितः । । । स्टब्स्यान्यः स्थापनाः	in the second of
Site Reclamation (Photo Documentation)		the second	The second secon	
Soil Backfilling and Cover Installation		JE 19 37 PERS (1		. 11,27/56
Re-vegetation Application Rates and Seeding Technique		S1 /		
24, 2 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1		1 a . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1	an transport and a side of Bright and in the transport and a side of Bright and in the transport and in the transp	Trip on 1
Closure Report Attachment Checklist: Instructions: Each of the follow	zing items must be atta	ched 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)		* t	Salar Salar	
Proof of Closure Nonce (surface owner and division) Proof of Deed Notice (required for on-site closure)		in the same of the	The state of the s	
		to the fight - through the	A. 图像是图像	
The second of th		ار این این این این این این این این این این		
Confirmation Sampling Analytical Results (if applicable)		A Committee of the Comm		الله المسلمية المسلمة المسلمة المسلمة المسلمية المسلمية المسلمية المسلمية المسلمية المسلمية المسلمية المسلمية
Waste Material Sampling Analytical Results (if applicable)		3		
Disposal Facility Name and Permit Number		* = *		
Soil Backfilling and Cover Installation		्र सम्बद्धाः स	તી કું કું કું કું કું કું કું કું કું કું	1000
Re-vegetation Application Rates and Seeding Technique				
Site Reclamation (Photo Documentation)				
On-site Closure Location: Latitude:	Longitude:	NAD	1927	
The state of the s		2 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Ville Harriston	C. 1. 1. 2. 1.
			the state of the state of	
Operator Closure Certification:		الم المالية من المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية المالية	The state of the s	2. 1. Last 16 47
I hereby certify that the information and attachments submitted with this closure re	•		ledge and belief. I also ce	ertify that
the closure complies with all applicable closure requirements and conditions specif	fied in the approved cu	sure plan.		
Name (Print):	Title:			
Mark the second of the second				
Signature:	Date:	reg E y	445 (C.C.C.)	
The state of the s	T. Lakana	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
e-mail address:	Telephone:		The Control of the Co	

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Burlington Resources Oil & Gas Company, LP Closed-loop Plans

Closed-loop Design Plan

BR's closed loop system will not entail a drying pad, temporary pit, below grade tank or sump. It will include an above ground tank suitable for holding the cuttings and fluids for rig operations. The tank will be sufficient volume to maintain a safe free board between disposal of the liquids and solids from rig operations.

- 1. Fencing is not required for an above ground closed-loop system
- 2. It will be signed in compliance with 19.15.3.103 NMAC
- 3. A frac tank will be on location to store fresh water

Closed-loop Operating and Maintenance Plan

BR's closed-loop tank will be operated and maintained to contain liquids and solids in order to prevent contamination of fresh water sources, in order to protect public health and the environment. To ensure the operation is maintained the following steps will be followed:

- 1. The liquids will be vacuumed out and disposed of at the Basin Disposal facility (Permit # NM-01-005). Solids in the closed-loop tank will be vacuumed out and disposed of at Envirotech (Permit # NM-01-0011) on a periodic basis to prevent over topping.
- 2. No hazardous waste, miscellaneous solid waste or debris will be discharged into or stored in the tank. Only fluids or cutting used or generated by rig operations will be placed or stored in the tank.
- 3. The division district office will be notified within 48 hours of the discovery of compromised integrity of the closed-loop tank. Upon the discovery of the compromised tank, repairs will be enacted immediately
- 4. All of the above operations will be inspected and a log will be signed and dated. During rig operations the inspection will be daily.

Closed-loop Closure Plan

The closed-loop tank will be closed in accordance with 19.15.17.13. This will be done by transporting cuttings and all remaining sludges to Envirotech (Permit # NM-01-0011) immediately following rig operations. All remaining liquids will be transported and disposed of in the Basin Disposal facility (Permit # NM-01-005). The tanks will be removed from the location as part of the rig move. At time of well abandonment, the site will be reclaimed and re-vegetated to pre-existing conditions when possible.

Company to the second