Ďistri 🔥 1625 N French Dr , Hobbs, NM 88240 District II 1301 W Grand Ave , Artesia, NM 88210 District III

State of New Mexico Energy Minerals and Natural Resources

Department Oil Conservation Division 1220 South St. Francis Dr.

Form C-144 July 21, 2008

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

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	22.00.101.111		ot. I faile 5 DI.		
Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application  Type of action	1000 Rio Biazos Rd , Aztec, NM 87410 <u>District IV</u>	Santa Fe,	NM 87505	Environmental Bureau office and provide a co	
Proposed Alternative Method Permit or Closure Plan Application  Type of action					
Type of action	$\sim$	<u>Pit, Closed-Loop Sys</u>	<u>tem, Below-Gra</u>	<u>de Tank, or</u>	
X   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	208 Propo	sed Alternative Metho	od Permit or Clo	sure Plan Application	
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   Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances    Operator   Burlington Resources Oil & Gas Company, LP   OGRID#   14538     OGRID#   14538     OGRID#   14538     OGRID#   14538     OGRID#   14538     OGRID#   14538     OCD Permit Number   30-039-30621   OCD Permit Number     OUL or Qtr/Qtr   (Ne/SE)   Section   6   Township   27N   Range   6W   County   Rio Arriba     Center of Proposed Design   Latitude   36,36139   °N   Longitude   107.299546   °W   NAD   1927   1930     Ourface Owner   X   Federal   State   Private   Tribal Trust or Indian Allotment	Type of action	Permit of a pit, closed-loo	p system, below-grade	tank, or proposed alternative method	
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 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.  Deparator  Burlington Resources Oil & Gas Company, LP  OGRID#  OGRID#  14538  Address  P.O. Box 4289, Farmington, NM 87499  Gaculity or well name  SAN JUAN 28-6 UNIT 135N  API Number  30-039-30621  OCD Permit Number  O/L or Qtr/Qtr  I(NE/SE) Section 6 Township 27N Range 6W County Rio Arriba  Denter of Proposed Design Latitude  36.36139  N Longitude  107.299546  W NAD 1927 X 193  Durface Owner X Federal  State Private Tribal Trust or Indian Allotment  Tribal Trust or Indian Allotment  Dr. Drilling Workover  Permanent  Emergency Cavitation  P&A  X Lined Unlined Liner type Thickness 12 mil X LLDPE HDPE PVC Other  X String-Reinforced  Liner Seams X Welded X Factory Other  Volume 4400 bbl Dimensions L 65' x W 45' x D 10'		Closure of a pit, closed-lo	op system, below-grad	e tank, or proposed alternative method	
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 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.  Deparator  Burlington Resources Oil & Gas Company, LP  OGRID#  OGRID#  14538  Address  P.O. Box 4289, Farmington, NM 87499  Gaculity or well name  SAN JUAN 28-6 UNIT 135N  API Number  30-039-30621  OCD Permit Number  O/L or Qtr/Qtr  I(NE/SE) Section 6 Township 27N Range 6W County Rio Arriba  Denter of Proposed Design Latitude  36.36139  N Longitude  107.299546  W NAD 1927 X 193  Durface Owner X Federal  State Private Tribal Trust or Indian Allotment  Tribal Trust or Indian Allotment  Dr. Drilling Workover  Permanent  Emergency Cavitation  P&A  X Lined Unlined Liner type Thickness 12 mil X LLDPE HDPE PVC Other  X String-Reinforced  Liner Seams X Welded X Factory Other  Volume 4400 bbl Dimensions L 65' x W 45' x D 10'		Modification to an existing	g permit	• •	
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 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.  Deparator  Burlington Resources Oil & Gas Company, LP  OGRID#  14538  Address  P.O. Box 4289, Farmington, NM 87499  Sacility or well name  SAN JUAN 28-6 UNIT 135N  API Number  30-039-30621  OCD Permit Number  J/L or Qtr/Qtr  I(NE/SE) Section 6 Township 27N Range 6W County Rio Arriba  Senter of Proposed Design Latitude  36.36139 °N Longitude  107.299546 °W NAD 1927 X 193  Surface Owner X Federal State Private Tribal Trust or Indian Allotment  Again and Trust or Indian Allotment  The Permanent Emergency Cavitation P&A  X Lined Unlined Liner type Thickness 12 mil X LLDPE HDPE PVC Other  String-Reinforced  Liner Seams X Welded X Factory Other  Volume 4400 bbl Dimensions L 65' x W 45' x D 10'	!			utted or non-permitted pit_closed-loop sy	vstem
Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative  Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances  Operator  Burlington Resources Oil & Gas Company, LP  OGRID# 14538  OCD Permit Number  30-039-30621  OCD Permit Number  OCD Permit Number		· · ·			, , , ,
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.  Departure of the environment Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.  Departure of the environment Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.  Departure of the environment Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.  Departure of the environment Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.  Departure of the environment Nor does approved to environment Nor does approved in the environment Nor does approved to environment Nor does approved to environment Nor does approved to environment Nor does approved in the environment Nor does approved in the environment Nor does approved to environment Nor does approved in the environment Nor does approved to environment Nor does approved in the environment Nor does not do	Instructions: Please submit one				native
Perator Burlington Resources Oil & Gas Company, LP OGRID# 14538  Address P.O. Box 4289, Farmington, NM 87499  Facility or well name SAN JUAN 28-6 UNIT 135N  API Number 30-039-30621 OCD Permit Number  JUL or Qtr/Qtr I(NE/SE) Section 6 Township 27N Range 6W County Rio Arriba  Center of Proposed Design Latitude 36.36139 °N Longitude 107.299546 °W NAD 1927 X 193  Facility or well name Sand Design Latitude 36.36139 Natural Trust or Indian Allotment  API Number X Federal State Private Tribal Trust or Indian Allotment  API Subsection F or G of 19 15 17 11 NMAC  Temporary X Drilling Workover Permanent Emergency Cavitation P&A  X Lined Unlined Liner type Thickness 12 mil X LLDPE HDPE PVC Other  X String-Reinforced  Liner Seams X Welded X Factory Other Volume 4400 bbl Dimensions L 65' x W 45' x D 10'			• •		
Depart of   Burlington Resources Oil & Gas Company, LP   OGRID#   14538     Address   P.O. Box 4289, Farmington, NM   87499     Facility or well name   SAN JUAN 28-6 UNIT 135N     API Number   30-039-30621   OCD Permit Number     JUL or Qtr/Qtr   I(NE/SE)   Section   6   Township   27N   Range   6W   County   Rio Arriba     Center of Proposed Design   Latitude   36.36139   °N   Longitude   107.299546   °W   NAD   1927   1930     Center of Proposed Design   Latitude   State   Private   Tribal Trust or Indian Allotment	· ·	•		=	
Address P.O. Box 4289, Farmington, NM 87499  Facility or well name SAN JUAN 28-6 UNIT 135N  API Number 30-039-30621 OCD Permit Number  O/L or Qtr/Qtr I(Ne/SE) Section 6 Township 27N Range 6W County Rio Arriba  Center of Proposed Design Latitude 36,36139 °N Longitude 107.299546 °W NAD 1927 X 193  Surface Owner X Federal State Private Tribal Trust or Indian Allotment  X Pit: Subsection F or G of 19 15 17 11 NMAC  Temporary X Drilling Workover  Permanent Emergency Cavitation P&A  X Lined Unlined Liner type Thickness 12 mil X LLDPE HDPE PVC Other  X String-Reinforced  Liner Seams X Welded X Factory Other Volume 4400 bbl Dimensions L 65' x W 45' x D 10'	1				
Facility or well name SAN JUAN 28-6 UNIT 135N  API Number 30-039-30621 OCD Permit Number  J/L or Qtr/Qtr I(NE/SE) Section 6 Township 27N Range 6W County Rio Arriba  Center of Proposed Design Latitude 36.36139 °N Longitude 107.299546 °W NAD 1927 X 193  Surface Owner X Federal State Private Tribal Trust or Indian Allotment  X Pit: Subsection F or G of 19 15 17 11 NMAC  Temporary X Drilling Workover  Permanent Emergency Cavitation P&A  X Lined Unlined Liner type Thickness 12 mil X LLDPE HDPE PVC Other  X String-Reinforced  Liner Seams X Welded X Factory Other Volume 4400 bbl Dimensions L 65' x W 45' x D 10'	Operator Burlington Resources Oil	& Gas Company, LP		OGRID# <u>14538</u>	
API Number 30-039-30621 OCD Permit Number  U/L or Qtr/Qtr I(NE/SE) Section 6 Township 27N Range 6W County Rio Arriba  Center of Proposed Design Latitude 36.36139 °N Longitude 107.299546 °W NAD 1927 X 193  Gurface Owner X Federal State Private Tribal Trust or Indian Allotment  Emporary X Drilling Workover  Permanent Emergency Cavitation P&A  X Lined Unlined Liner type Thickness 12 mil X LLDPE HDPE PVC Other  X String-Reinforced  Liner Seams X Welded X Factory Other Volume 4400 bbl Dimensions L 65' x W 45' x D 10'	Address P.O. Box 4289, Farmingto	n, NM 87499			
Center of Proposed Design Latitude 36.36139 °N Longitude 107.299546 °W NAD 1927 X 1935 Surface Owner X Federal State Private Tribal Trust or Indian Allotment    X Pit: Subsection F or G of 19 15 17 11 NMAC   Permanent Emergency Cavitation P&A   X Lined Unlined Liner type Thickness 12 mil X LLDPE HDPE PVC Other   X String-Reinforced   Y Volume 4400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400 bbl Dimensions L 65' x W 45' x D 10'   Y Volume 1400	Facility or well name SAN JUAN 28	-6 UNIT 135N			
Center of Proposed Design Latitude 36.36139 °N Longitude 107.299546 °W NAD 1927 X 1920 Surface Owner X Federal State Private Tribal Trust or Indian Allotment    X Pit: Subsection F or G of 19 15 17 11 NMAC	API Number 30-	039-30621	OCD Permit Num	ber	
Surface Owner X Federal State Private Tribal Trust or Indian Allotment    X Pit: Subsection F or G of 19 15 17 11 NMAC     Temporary X Drilling Workover     Permanent Emergency Cavitation P&A     X Lined Unlined Liner type Thickness 12 mil X LLDPE HDPE PVC Other     X String-Reinforced     Liner Seams X Welded X Factory Other Volume 4400 bbl Dimensions L 65' x W 45' x D 10'	U/L or Qtr/Qtr I(NE/SE) Section	ı <u>6</u> Township <u>2</u>	7N Range	6W County Rio Arriba	
X   Pit: Subsection F or G of 19 15 17 11 NMAC     Temporary   X   Drilling   Workover     Permanent   Emergency   Cavitation   P&A     X   Lined   Unlined   Liner type   Thickness   12   mil   X   LLDPE   HDPE   PVC   Other     X   String-Reinforced     Liner Seams   X   Welded   X   Factory   Other   Volume   4400   bbl   Dimensions L   65'   x W   45'   x D   10'	Center of Proposed Design Latitude	36.36139 °	N_ Longitude	107.299546 °W NAD 1	927 <b>X</b> 1983
X Pit: Subsection F or G of 19 15 17 11 NMAC	Surface Owner X Federal	State Private	Trıbal Trust or Ind	an Allotment	
Temporary X Drilling Workover  Permanent Emergency Cavitation P&A  X Lined Unlined Liner type Thickness 12 mil X LLDPE HDPE PVC Other  X String-Reinforced  Liner Seams X Welded X Factory Other Volume 4400 bbl Dimensions L 65' x W 45' x D 10'	2				
Permanent Emergency Cavitation P&A  X Lined Unlined Liner type Thickness 12 mil X LLDPE HDPE PVC Other  X String-Reinforced  Liner Seams X Welded X Factory Other Volume 4400 bbl Dimensions L 65' x W 45' x D 10'	X Pit: Subsection F or G of 19 15 17	11 NMAC			
X Lined Unlined Liner type Thickness 12 mil X LLDPE HDPE PVC Other  X String-Reinforced Liner Seams X Welded X Factory Other Volume 4400 bbl Dimensions L 65' x W 45' x D 10'	Temporary X Drilling Work	over			
X String-Reinforced  Liner Seams X Welded X Factory Other Volume 4400 bbl Dimensions L 65' x W 45' x D 10'	Permanent Emergency Ca	vitation P&A			
Liner Seams X Welded X Factory Other Volume 4400 bbl Dimensions L 65' x W 45' x D 10'	X Lined Unlined Lin	er type Thickness 12	mil X LLDPE	HDPE PVC Other	
Liner Seams X Welded X Factory Other Volume 4400 bbl Dimensions L 65' x W 45' x D 10'	X String-Reinforced	··· <u></u>			
		tory Other	Volume	0 bbl Dimensions L 65' x W 45'	x D <u>10'</u>
	3				

Closed-loop System: Subsection H of 19 15 17 11 NMAC  Type of Operation P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)	
Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type Thickness mil LLDPE HDPE PVD Other Liner Seams Welded Factory Other	240
Below-grade tank: Subsection I of 19 15 17 11 NMAC  Volumebbl Type of fluidbll Column	910
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 HDPE PVC Other	73/4/
5	

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

Form C-144

Alternative Method:

Oil Conservation Division

Page 1 of 5

Fenc. 2: Subsection D of 19 15 17 11 NMAC (Applies to permanent pit, 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, insti	tution or churc	h)						
Alternate Please specify								
7								
Netting: Subsection E of 19 15 17 11 NMAC (Applies to permanent pits and permanent open top tanks)								
Screen Netting Other	Ţ							
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 Administratus Apparents and Esperitus.		ĺ						
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 of the Santa Fe Environmental Bureau office for cons (Fencing/BGT Liner)	deration of app	proval						
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 acceptable source material are provided below Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval Applicant must attach justification for request. Please refer to 19 15.17.10 NMAC for guidance. Siting criteria 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-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 watercourse, 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.	Yes	□No						
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)	□NA							
<ul> <li>Visual inspection (certification) of the proposed site, Aerial photo, Satellite image</li> </ul>	,							
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	No						
(Applied to permanent pits)	□NA							
Visual inspection (certification) of the proposed site, Aerial photo, Satellite image	l	_						
Within 500 horizonal 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.	Yes	□No						
- NM Office of the State Engineer - IWATERS database search, Visual inspection (certification) of the proposed site								
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended	Yes	□No						
- Written confirmation or verification from the municipality, Written approval obtained from the municipality	l Dvaa							
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.	Yes	No						
- Engineering measures incorporated into the design, NM Bureau of Geology & Mineral Resources, USGS, NM Geological Society, Topographic map								
Within a 100-year floodplain	Yes	□No						
LEAVING ARGU								

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
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 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
Previously Approved Operating and Maintenance Plan API
13
Permanent Pits Permit Application Checklist: Subsection B of 19 15 17 9 NMAC  Instructions Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.  Hydrogeologic Report - based upon the requirements of Paragraph (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 Assessmen
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 Plar
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 H2S, 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
14  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)
15
Waste Excavation and Removal Closure Plan Checklist: (19 15 17 13 NMAC) Instructions. Each of the following items must be attached to the closure plan.  Please indicate, by a check mark in the box, that the documents are attached
Protocols and Procedures - based upon the appropriate requirements of 19 15 17 13 NMAC
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC
Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings
Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19 15 17 13 NMAC
Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17 13 NMAC
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19 15 17 13 NMAC

. 1

Form (+144 Oil Conservation Division Page 3 of 5

West Day of LCI and Day Charles State The Unit and Company								
Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Stee Instructions Please identify the facility or facilities for the disposal of liquids, drilling J	<u>l Tanks or Haul-off Bins Only.</u> (19 15 17 13 D NMAC) fluids and drill cuttings	ilities						
are required								
Disposal Facility Name	Disposal Facility Permit #							
Disposal Facility Name	Disposal Facility Permit #							
Will any of the proposed closed-loop system operations and associated activities  Yes (If yes, please provide the information No	occur on or in areas that will not be used for future serv	ice and operations?						
Required for impacted areas which will not be used for future service and operations								
Soil Backfill and Cover Design Specification - based upon the appropriat  Re-vegetation Plan - based upon the appropriate requirements of Subsect								
Site Reclamation Plan - based upon the appropriate requirements of Subsect								
Sting Criteria (Regarding on-site closure methods only: 19 15 17 10 NMAC Instructions Each siting criteria requires a demonstration of compliance in the closure plan Recuiting criteria may require administrative approval from the appropriate district office or may be consideration of approval Instifications and/or demonstrations of equivalency are required. Please	considered an exception which must be submitted to the Santa $\Gamma$ e Er							
Ground water is less than 50 feet below the bottom of the buried waste		Yes No						
- NM Office of the State Engineer - (WATERS database search, USGS) Data obta	ned from nearby wells	□N/A						
Ground water is between 50 and 100 feet below the bottom of the buried waste		Yes No						
- NM Office of the State Engineer - (WATERS database search, USGS, Data obtain	ned from nearby wells	□ N/A						
Ground water is more than 100 feet below the bottom of the buried waste		☐Yes ☐No						
- NM Office of the State Engineer - tWATERS database search, USGS, Data obtai	ned from nearby wells	□N/A						
•								
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other signific (measured from the ordinary high-water mark)	ant watercourse or lakebed, sinkhole, or playa lake	YesNo						
- Topographic map, Visual inspection (certification) of the proposed site								
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						
- visual hispection (certification) of the proposed site, mental photo, sateline image		□Yes □No						
Within 500 horizontal feet of a private, domestic fresh water well or spring that less that purposes, or within 1000 horizontal fee of any other fresh water well or spring, in existed NM Office of the State Engineer - iWATERS database, Visual inspection (certific	ence at the time of the initial application							
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 obtain	ained from the municipality							
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map, Topographic map, Visual insp	action (cost faction) of the proposed site	∐Yes ∐No						
Within the area overlying a subsurface mine	ection (certification) of the proposed site	□Yes □No						
- Written confiramtion or verification or map from the NM EMNRD-Mining and M	Ineral Division							
Within an unstable area		Yes No						
- Engineering measures incorporated into the design, NM Bureau of Geology & Mi	ineral Resources, USGS, NM Geological Society,							
Topographic map Within a 100-year floodplain		∏Yes ∏No						
- FEMA map								
18 On-Site Closure Plan Checklist: (19 15 17 13 NMAC) Instructions: Each of	of the following stome must be attached to the closure	nlan Please indicate hy a						
check mark in the box, that the documents are attached.		- Tomo mureme, of a						
Siting Criteria Compliance Demonstrations - based upon the appropriate	·							
Proof of Surface Owner Notice - based upon the appropriate requirement								
Construction/Design Plan of Burnal Trench (if applicable) based upon the		16 17 11 NIMAC						
Construction/Design Plan of Temporary Pit (for in place burial of a drying Protocols and Procedures - based upon the appropriate requirements of I	• • • • • • • • • • • • • • • • • • • •	13 17 IT INMAC						
Protocols and Procedures - based upon the appropriate requirements of 19 15 17 13 NMAC  Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19 15 17 13 NMAC								
Waste Material Sampling Plan - based upon the appropriate requirement:								
Disposal Facility Name and Permit Number (for liquids, drilling fluids as		of be achieved)						
Soil Cover Design - based upon the appropriate requirements of Subsecti	· ·	in the second roay						
Re-vegetation Plan - based upon the appropriate requirements of Subsection								
Site Declaration Plan - based upon the appropriate requirements of Sub-								

Torm C 144 Oil Conservation Division Page 4 of S

19 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
20 OCD Approval: Permit Application (including closure plan) Closure Plan (only) 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 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  X Closure Completion Date:  July 24, 2009
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 identify 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 compliane to the items below)  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.  X Proof of Closure Notice (surface owner and division) X Proof of Deed Notice (required for on-site closure) X Plot Plan (for on-site closures and temporary pits) X Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (if applicable) Disposal Facility Name and Permit Number X Soil Backfilling and Cover Installatior X Re-vegetation Application Rates and Seeding Technique X Site Reclamation (Photo Documentation) On-site Closure Location Latitude 36.60213 °N Longitude 107.50005 °W NAD 1927 X 1983
25
Operator Closure Certification:  I hereby certify that the information and attachments submitted with this closure report is ture, accurate and complete to the best of my knowledge and helief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.
Name (Print) Crystal Tafoya Title Regulatory Tech
Signature Stal Talaya Date 2/1/2010
e-mail address <u>crystal tafoya@conocophillips com</u> Telephone 505-326-9837

## Burlington Resources Oil Gas Company, LP San Juan Basin Closure Report

Lease Name: SAN JUAN 28-6 UNIT 135N

API No.: 30-039-30621

In accordance with Rule 19 15 17 13 NMAC the following information describes the closure of the temporary pit referenced above All proper documentation regarding closure activities is being included with the C-144. The temporary pit for this location was constructed and location drilled before June 16, 2008 (effective date for Rule 19.15.17). While closure of the temporary pit did fall within the rule some dates for submittals are after the rig release date

- Details on Capping and Covering, where applicable. (See report)
- Plot Plan (Pit Diagram) (Included as an attachment)
- Inspection Reports (Included as an attachment)
- Sampling Results (Included as an attachment)
- C-105 (Included as an attachment)
- Copy of Deed Notice will be filed with County Clerk (Not required on Federal, State, or Tribal land as stated by FAQ dated October 30, 2008)

#### **General Plan:**

1 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.

All recovered liquids were disposed of at Basin Disposal (Permit #NM-01-005) and any sludge or soil required to be removed to facilitate closure was hauled to Envirotech Land Farm (Permit #NM-01-011).

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

The pit was closed using onsite burial.

3. The surface owner shall be notified of BR's closing of the temporary pit as per the approved closure plan using certified mail, return receipt requested.

The closure process notification to the landowner was sent via email. (See Attached)(Well located on Federal Land, certified mail is not required for Federal Land per BLM/OCD MOU.)

4. Within 6 months of the Rig Off status occurring BR will ensure that temporary pits are closed, re-contoured, and reseeded.

Provision 4 of the closure plan requirements were not met due to rig move off date as noted on C-105 which was prior to pit rule change Burlington will ensure compliance with this rule in the future.

- 5. Notice of Closure will be given to the Aztec Division office between 72 hours and one week of closure via email, or verbally. The notification of closure will include the following:
  - ı. Operator's name
  - II. Location by Unit Letter, Section, Township, and Range. Well name and API number.

Notification is attached.

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 i.e., edges of liner entrenched or buried. All excessive liner will be disposed of at a licensed disposal facility.

Liner of temporary pit was removed above "mud level" after stabilization. Removal of the liner consisted of manually cutting liner at mud level and removing all remaining liner. Care was taken to remove "ALL" of the liner i.e., edges of liner entrenched or buried. All excessive liner was disposed of at a licensed disposal facility, (San Juan County Landfill).

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 a safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents.

Burlington mixed the Pit contents with non-waste containing, earthen material in order to achieve the solidification process. The solidification process was accomplished by using a combination of natural drying and mechanically mixing. Pit contents were mixed with non-waste, earthen material to a consistency that is deemed as safe and stable. The mixing ratio consisted of approximately 3 parts clean soil to 1 part pit contents.

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 and all samples tested per Subsection B of 19.15.17.1 3(B)(1)(b). (Sample results attached).

Components	Tests Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	ND ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	95.6 ug/KG
TPH	EPA SW-846 418.1	2500	149 mg/kg
GRO/DRO	EPA SW-846 8015M	500	12.2 mg/Kg
Chlorides	EPA 300.1	1000/ <del>509</del>	110 mg/L

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 BR will dig and haul all contents pursuant to 19 15 17 13.i a. After doing such, confirmation sampling will be conducted to ensure a release has not occurred.

The pit material passed solidification and testing standards. The pit area was then backfilled with compacted, non-waste containing, earthen material. More than four feet of cover was achieved and the cover included one foot of suitable material to establish vegetation at the site.

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.

The integrity of the liner was not damaged in the pit closure process.

11 Dig and Haul Material will be transported to the Envirotech Land Farm located 16 miles south of Bloomfield on Angel Peak Road, CR 7175. Permit # NM010011

Dig and Haul was not required.

12 Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be place in areas where needed to prevent erosion on a large scale. Final recontour shall have a uniform appearance with smooth surface, fitting the natural landscape.

The pit area was re-contoured to match fit, shape, line, form and texture of the surrounding area. Reshaping included drainage control, to prevent ponding and erosion. Natural drainages were unimpeded and water bars and/or silt traps were placed in areas where needed to prevent erosion on a large scale. Final recontour has a uniform appearance with smooth surface, fitting the natural landscape.

13 Notification will be sent to OCD when the reclaimed area is seeded.

`)

Provision 13 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.

14. BR 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 division-approved methods. BLM or Forest Service stipulated seed mixes will used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) 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 Repeat seeding or planting will be continued until successful vegetative growth occurs

Provision 14 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.

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 of 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

Provision 15 was accomplished by installing a steel marker in the temporary pit, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial. The marker is flush with the ground to allow access of the active well pad and for safety concerns. The top of the marker contains a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate contains 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.

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 following operator's information at the time of all wells on the pad are abandoned. The riser will be labeled: Burlington, BLM, SJ 28-6 Unit 135N, UL-I, Sec. 6, Twn 27N, Rge 6W, API # 30-039-30621

### Tally, Ethel

From:

Tally, Ethel

Sent:

Wednesday, January 07, 2009 2:16 PM

To:

Subject:

'mark\_kelly@nm.blm.gov' SURFACE OWNER NOTIFICATION

The following locations will have temporary pits that will be closed on-site. Please let me know if you have any questions or concerns.

Murphy D100S

San Juan 28-6 Unit 135N

Thank You,

**Ethel Tally** ConocoPhillips-SJBU 3401 E. 30th

Farmington NM 87402 Phone: (505)599-4027 Ethel.Tally@ConocoPhillips.com 1625 N. French Dr., Hobbs, N.M. 86240

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised October 12, 2005

DISTRICT II 1301 West Grand Avenue, Artesia, N.M. 88210

OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Submit to Appropriate District Office

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

State Lease - 4 Copies Fee Lease - 3 Copies

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

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	<sup>8</sup> Paol Code	*Pool Name BASIN DAKOTA/BLANCO ME	SAVERDE
Property Code	SAN	Property Name JUAN 28-6 UNIT	Well Number
OGRID No.		<sup>8</sup> Operator Name	<sup>o</sup> Elevation
,	BURLINGTON RESO	URCES OIL & GAS COMPANY LP	6604'

<sup>10</sup> Surface Location

	UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
	1	6	27-N	6-W		2430'	SOUTH	375'	EAST	RIO ARRIBA	
,				11 D.11	Jiala	Tanklich I	e Diesanant Par	Confoo	<del></del>	7	

Location If Different From Surface

			Ź C C C	din Hoio	moodéron è	. Divioronio				
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	Coun	t <del>ý</del>
J	6.	27-N	6-W		2525'	SOUTH	1850'	EAST	RIO	ARRIBA
12 Dedicated Acre	8		in Joint or	Infill,	" Consolidation (	ode	<sup>15</sup> Order No.			
DK 317.12	ACRES	S/2			1					,
MV 320.48	ACRES	F/2								

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

16			.,					<u> </u>
LOT 4	NAD 1927 LAT 36.60	.1575' N. *30.2555' W.	Lor 3	FEF.	1	CLO	"14" BC N Q46'28" E	In O  I horeby is true ballef, a worth land in has a, to a co a work or a co district
LOT 5	NAD 1927 LAT: 36.60	"29.9546' W.			USA SF	01 <sup>906</sup> 1	5316.84'	Sign
	* 28 - 013404			03583	ν (χ. χ. χ	1850' 35' 37' 07' W 1476:6'	375	16 S I hereby was ple me or and con
1 107 L	Y Sk.		USA NM			<del></del>	W.C. 355 BC	
		BLM .	'55" BC		2615.26	6' N 89'14'	19" W	

#### PERATOR CERTIFICATION

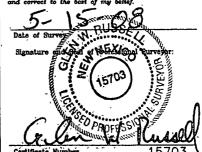
y certify that the information contained heroin, and complete to the best of my knowledge and and that this organisation either owns, ing interest or unleased mineral interest in the utilities in proposed bottom hole location or right to drill this well at this location pursuant mirel; with an owner of such a mineral or ing interest, or to a voluntary pooling agreement impulsary pooling order, heretafore entered by the

me		

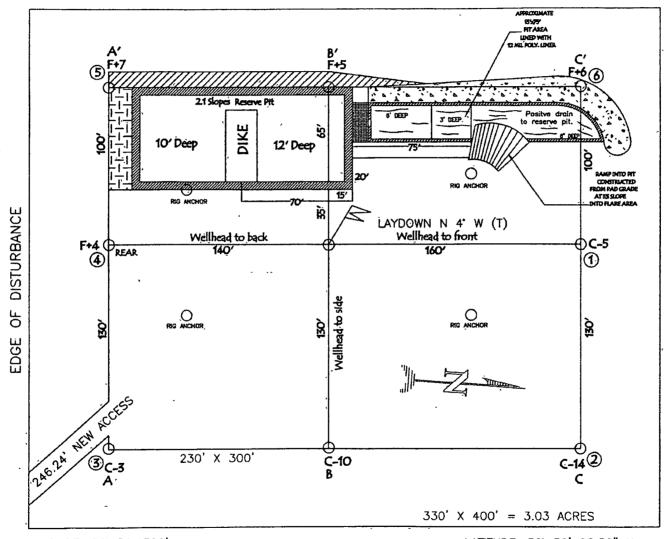
ted Name

#### SURVEYOR CERTIFICATION

tted from field notes of actual surveys made by ny supervision, and that the same is true



## BURLINGTON RESOURCES OIL & GAS COMPANY LP SAN JUAN 28-6 UNIT 135N, 2430' FSL & 375' FEL SECTION 6, T-27- N, R-6-W, NMPM, RIO ARRIBA COUNTY, NM GROUND ELEVATION: 6604', DATE: APRIL 28, 2008



LATITUDE: 36' 36.1390' LONGITUDE: 107 29.9546 NAD 27

LATITUDE: 36' 36' 08.36" N LONGITUDE: 107 29' 59.45" W

NAD 27



## **EPA METHOD 8015 Modified** Nonhalogenated Volatile Organics **Total Petroleum Hydrocarbons**

Client	ConocoPhillips	Project #	96052-0026
Sample ID	SJ 28-6 #135N	Date Reported	05-13-09
Laboratory Number	49989	Date Sampled	05-06-09
Chain of Custody No	6845	Date Received	05-08-09
Sample Matrix	Soil	Date Extracted	05-11-09
Preservative	Cool	Date Analyzed	05-12-09
Condition	Intact	Analysis Requested	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	9.3	0.2
Diesel Range (C10 - C28)	2.9	0.1
Total Petroleum Hydrocarbons	12.2	0.2

ND - Parameter not detected at the stated detection limit

References Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996

Comments **Drilling Pit Sample** 



## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client	ConocoPhillips	Project #	96052-0026
Sample ID	SJ 28-6 #135N Background	Date Reported	05-13-09
Laboratory Number	49990	Date Sampled	05-06-09
Chain of Custody No	6845	Date Received	05-08-09
Sample Matrix	Soil	Date Extracted	05-11-09
Preservative	Cool	Date Analyzed	05-12-09
Condition	Intact	Analysis Requested	8015 TPH

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

ND - Parameter not detected at the stated detection limit

References

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996

Comments:

**Drilling Pit Sample** 

Analyst

Review

Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com



## EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

### **Quality Assurance Report**

Client	QA/QC		Project #		N/A
Sample ID	05-12-09	QA/QC	Date Reported		05-13-09
Laboratory Number	49983		Date Sampled		N/A
Sample Matrix	Methylene C	hloride	Date Received		N/A
Preservative	N/A		Date Analyzed		05-12-09
Condition	N/A		Analysis Reques	sted	TPH
2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	ma. Themselver	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		**/********************************	1 4/1
A section of the sect	I-Cal Date	e I-Cal RF:	C-Cal RF:	% Difference	Accept Range
Gasoline Range C5 - C10	05-07-07	1 0157E+003	1 0161E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9 9357E+002	9 9397E+002	0.04%	0 - 15%
					erreg
Blank Conc. (mg/L - mg/Kg)		Concentration	group 7	Detection Lim	<u>C</u>
Gasoline Range C5 - C10		ND		0.2	
Diesel Range C10 - C28		ND		0.1	
Total Petroleum Hydrocarbons		ND		0.2	
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range	
Gasoline Range C5 - C10	14.5	16.5	13.8%	0 - 30%	
Diesel Range C10 - C28	65.7	71.9	9.4%	0 - 30%	
			org /g/ - kinninkinakinmin, s s. s. siliki kis		\$12.000
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	<ul><li>% Recovery</li></ul>	Accept Range
	· · · · · · · · · · · · · · · · · · ·				
Gasoline Range C5 - C10	14.5	250	261	98.5%	75 - 125%

ND - Parameter not detected at the stated detection limit

References

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996

Comments

QA/QC for Samples 49983, 49984, 49988 - 49992, and 50029 - 50030.

Analyst



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

	0 51 "	D	00050 0000
Client	ConocoPhillips	Project #	96052-0026
Sample ID	SJ 28-6 #135N	Date Reported	05-13-09
Laboratory Number	49989	Date Sampled	05-06-09
Chain of Custody	6845	Date Received	05-08-09
Sample Matrix	Soil	Date Analyzed	05-12-09
Preservative	Cool	Date Extracted	05-11-09
Condition	Intact	Analysis Requested	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	ND	0.9	
Toluene	26.0	1.0	
Ethylbenzene	5.2	1.0	
p,m-Xylene	45.4	1.2	
o-Xylene	19.0	0.9	
Total BTEX	95.6		

ND - Parameter not detected at the stated detection limit

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

References

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

December 1996

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, December 1996

Comments:

**Drilling Pit Sample** 

Analyst

Mustun Weller Review



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client	ConocoPhillips	Project #	96052-0026
Sample ID	SJ 28-6 #135N Background	Date Reported	05-13-09
Laboratory Number	49990	Date Sampled	05-06-09
Chain of Custody	6845	Date Received	05-08-09
Sample Matrix	Soil	Date Analyzed	05-12-09
Preservative	Cool	Date Extracted	05-11-09
Condition	Intact	Analysis Requested	BTEX

		Det.		
	Concentration	Limit		
Parameter	(ug/Kg)	(ug/Kg)		
Benzene	ND	0.9		
Toluene	ND	1.0		
Ethylbenzene	1.4	1.0		
p,m-Xylene	6.3	1.2		
o-Xylene	6.9	0.9		
Total BTEX	14.6			

ND - Parameter not detected at the stated detection limit

Surrogate Recoveries	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

References

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

December 1996

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, December 1996

Comments:

**Drilling Pit Sample** 

Analyst

Review



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client	N/A	Project #	N/A
Sample ID	05-12-BT QA/QC	Date Reported	05-13-09
Laboratory Number	49983	Date Sampled	N/A
Sample Matrix	Soil	Date Received	N/A
Preservative	N/A	Date Analyzed	05-12-09
Condition	N/A	Analysis	BTEX

Calibration and Detection Limits (ug/L)	I-Gal RF	C-Cal RF: Accept: Rang	%Diff. je 0 15%	Blank Conc	Detect.
Benzene	2 8317E+006	2 8374E+006	0.2%	ND	0.1
Toluene	1 7615E+006	1 7650E+006	0.2%	ND	0.1
Ethylbenzene	1 3220E+006	1 3247E+006	0.2%	ND	0.1
p,m-Xylene	2 8507E+006	2 8564E+006	0.2%	ND	0.1
o-Xylene	1 1915E+006	1 1938E+006	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample Du	uplicate	%Diff.	Accept Range	Defect: Limit
Benzene	1.3	1.2	7.7%	0 - 30%	0.9
Toluene	33.6	31.5	6.3%	0 - 30%	1.0
Ethylbenzene	18.5	17.2	7.0%	0 - 30%	1.0
p,m-Xylene	170	163	4.3%	0 - 30%	1.2
o-Xylene	52.8	49.4	6.4%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample Amo	unt Spiked Spik	ed Sample	% Recovery	Accept Range
Benzene	1.3	50.0	50.0	97.5%	39 - 150
Toluene	33.6	50.0	81.1	97.0%	46 - 148
Ethylbenzene	18.5	50.0	64.1	93.6%	32 - 160
p,m-Xylene	170	100	266	98.3%	46 - 148
o-Xylene	52.8	50.0	101	98.5%	46 - 148

ND - Parameter not detected at the stated detection limit

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

December 1996

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

Comments: QA/QC for Samples 49983, 49984, 49986, 49988 - 49992, 50029 and 50030.

/ Revie

5796 US Highway 64, Farmington, NM 87401

Analyst

Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc com envirotech-inc com

Client	ConocoPhillips	Project #	96052-0026
Sample ID	SJ 28-6 #135N	Date Reported	05-14-09
Laboratory Number	49989	Date Sampled.	05-06-09
Chain of Custody No.	6845	Date Received <sup>1</sup>	05-08-09
Sample Matrix	Soil	Date Extracted	05-13-09
Preservative	Cool	Date Analyzed <sup>.</sup>	05-13-09
Condition	Intact	Analysis Needed	TPH-418 1

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

**Total Petroleum Hydrocarbons** 

149

6.5

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

**Drilling Pit Sample.** 

Analyst

Review

Client	ConocoPhillips	Project #.	96052-0026
Sample ID	SJ 28-6 #135N Background	Date Reported	05-14-09
Laboratory Number.	49990	Date Sampled	05-06-09
Chain of Custody No	6845	Date Received	05-08-09
Sample Matrix	Soil	Date Extracted	05-13-09
Preservative	Cool	Date Analyzed <sup>.</sup>	05-13-09
Condition	Intact	Analysis Needed.	TPH-418 1

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

**Total Petroleum Hydrocarbons** 

23.3

6.5

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<sup>1</sup>

Drilling Pit Sample.

Analyst

Mustin Malters Review



# EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client	QA/QC	Project #	N/A
Sample ID	QA/QC	Date Reported	05-14-09
Laboratory Number.	05-13-TPH QA/QC 49983	Date Sampled	N/A
Sample Matrix	Freon-113	Date Analyzed <sup>.</sup>	05-13-09
Preservative	N/A	Date Extracted	05-13-09
Condition	N/A	Analysis Needed.	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF	ୁ C-Cal RF	% Difference	Accept Range
	05-01-09	05-13-09	1,620	1,750	8.0%	+/- 10%

Blank Conc. (mg/Kg)	concentration	Detection(Liñ)	ut. No. 1885
Duplicate Conc. (mg/Kg)	Sample Duplicate 517 530	Difference 2.5%	Äccept Range +/- 30%
Spike Conc. (mg/Kg)	Spike Added Spike Resu	lt. % Recovery	, Accept Range

2,000

2,070

82.2%

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

517

Comments: QA/QC for Samples 49941, 49983, 49984, 49987 - 49992 and 50003.

Analyst

Mistury Weeters Review

**TPH** 



#### Chloride

Client	ConocoPhillips	Project #	96052-0026
Sample ID	SJ 28-6 #135N	Date Reported <sup>.</sup>	05-14-09
Lab ID#	49989	Date Sampled	05-06-09
Sample Matrix	Soil	Date Received <sup>.</sup>	05-08-09
Preservative	Cool	Date Analyzed	05-12-09
Condition	Intact	Chain of Custody.	6845

Pai	am	eter
-----	----	------

Concentration (mg/Kg)

**Total Chloride** 

110

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:

Drilling Pit Sample.

Analyst

Mustum Westers Review



### Chloride

Client	ConocoPhillips	Project #	96052-0026
Sample ID	SJ 28-6 #135N Background	Date Reported	05-14-09
Lab ID#	49990	Date Sampled·	05-06-09
Sample Matrix	Soil	Date Received	05-08-09
Preservative	Cool	Date Analyzed	05-12-09
Condition	Intact	Chain of Custody	6845

Parameter	Concentration (mg/Kg)

**Total Chloride** 

72

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:

**Drilling Pit Sample.** 

Analyst

Review Codles

Submit To Appropri Two Copies	riate District Of	ffice	ce State of New Mexico						Form C-105				
District I 1625 N French Dr., Hobbs, NM 88240  Energy, Minerals and Natural Resources						July 17, 2008							
District II	,							1. WELL API NO. 30-039-30621					
1301 W Grand Av			Oil Conservation Division				2 Type o						
1000 Rio Brazos R District IV	1000 Rio Brazos Rd , Aztec, NM 87410 1220 South St. Francis Dr.						STATE	☐ FEE		DIAN _			
1220 S St Francis	1220 S St Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505					1	3 State Oil & Gas Lease No NM-03583						
WELL	COMPLE	TION OR	RECOMP	LETION RE	POR	T AND	LOG					WATER SA	
4 Reason for filing								5 Lease Name or Unit Agreement Name					
COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)							6 Well N	6 Well Number					
C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19 15 17 13 K NMAC)							or						
7 Type of Comp	oletion							🗆		<u></u>			
8 Name of Opera		VORKOVER	☐ DEEPENING	G □PLUGBACI	к 🔲 Б	IFFEREN	VI RESERVO	OIR □ OTH 9 OGRII					
Burlington Resou 10 Address of O		s Company, LI	<u> </u>					14538					
10 Address of O	perator							II Pool n	name or	Wildcat			
12 Location	Unit Ltr	Section	Township	Range Lot			Feet from th	e N/S Line	N/S Line Feet from the		E/W Line County		
Surface:													
ВН:			,										
13 Date Spudded	d 14 Date	TD Reached	15 Date R 03/07/2009	ıg Released		16	Date Comple	ted (Ready to	Produce		7 Elevations (I	OF and RKB,	
18 Total Measur	red Depth of V	Well		ack Measured Dep	pth	20	Was Directi	onal Survey M	lade <sup>7</sup>			Other Logs Run	
22 Producing In	terval(s), of th	his completion	- Top, Bottom, 1	Vame						<u>l</u>			
				CINC DEC	ODD	(Dom	aut all atm	in as sat in	1 11	`			
CASING SI	ZE	WEIGHT LE		SING REC	<u>OKD</u>		LE SIZE			.) RECORD	AMOUN	T PULLED	
					+								
					-			-		-			
24				NER RECORD				25		BING REC			
SIZE	TOP	В	SOTTOM	SACKS CEM	ENT	SCREEN SIZ		SIZE	IZE DEP		TH SET PACKER SET		
								,.,e.==					
26 Perforation	record (inter	val, size, and i	number)								EEZE, ETC		
						DEPTH	INTERVAL	AMOU	AMOUNT AND KIND MATERIAL USED				
					ŀ		<u> </u>	1					
28		15.3				<u>DUC'</u>		Lwus	- CD	1 61			
Date First Produ	cuon	Prod	action Method (F	Flowing, gas lift, p	oumping	- Size an	а type ритр)	Well S	otatus (P	Prod or Shu	<i>i-in)</i>		
Date of Test	Hours Te	ested	Choke Size	Prod'n For Test Period	1	Oıl - Bbl	1	Gas - MCF	-	Water - Bb	l Gas	- Oıl Ratıo	
Flow Tubing Press	Casing P		Calculated 24- Hour Rate	Oıl - Bbl		Gas	- MCF	Water - Bb	ol	Oıl Gr	avity - API - (C	'orr)	
29 Disposition of Gas (Sold, used for fuel, vented, etc.)  30 Test Witnessed By													
31 List Attachments													
32 If a temporary pit was used at the well, attach a plat with the location of the temporary pit													
33 If an on-site burial was used at the well, report the exact location of the on-site burial													
I hereby certi	ify that the	Latitude 36	60213°N Lo	ongitude 107 5000 oth sides of this	05°W N	NAD □1	927 ⊠1983 and compl	ete to the he	est of n	ny knowle	edge and beli	nef	
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief  Printed  Signature  Name Crystal Tafoya Title: Regulatory Tech Date. 2/1/2010													
E-mail Address crystal.tafoya@conocophillips.com													

## ConocoPhillips V

Pit Closure Form:	
Date: 7/29/09	
Well Name: 28-6#135 N .	_
Footages: 2430'fSL 375'fzL	Unit Letter:
Section: <u>6</u> , T- <u>27</u> -N, R- <u>6</u> -W, County: <u>R</u>	AnhState: W. W.
Contractor Closing Pit: Aztuc	-
Construction Inspector: Eric Smith	Date: 7/27/09
Inspector Signature:	

### Tafoya, Crystal

From:

Silverman, Jason M

Sent:

Tuesday, July 14, 2009 9 57 AM

To:

Brandon Powell@state nm us, Mark Kelly, Robert Switzer, Sherrie Landon

Cc:

Jared Chavez, KENDAL BASSING, Scott Smith, Silverman, Jason M, Smith Eric (sconsulting eric@gmail com), Terry Lowe, Becker, Joey W, Bonilla, Amanda, Bowker, Terry D. Busse, Dollie L. Chavez, Virgil E. Gordon Chenault, GRP.SJBU Production Leads, Hockett, Christy R; Johnson, Kirk L, Kennedy, Jim R, Lopez, Richard A, Nelson, Terry J, O'Nan, Mike J. Peace, James T; Pierce, Richard M, Poulson, Mark E, Richards, Brian, Smith, Randall O,

'Aztec Excavation', 'Randy Flaherty', 'BOS', Faver Norman (faverconsulting@yahoo.com),

Stamets, Steve A, Thacker, LARRY, Work, Jim A, Blair, Maxwell O (Maxwell O Blair@conocophillips com), Blakley, Maclovia; Clark, Joan E

(Joni E Clark@conocophillips com), Farrell, Juanita R (Juanita.R Farrell@conocophillips com), Gillette, Steven L (Gray Surface Specialties and Consulting, Ltd.), Greer, David A; Hines, Derek J (Finney Land Co.), Maxwell, Mary Alice, McWilliams, Peggy L, Seabolt, Elmo F

(Elmo F Seabolt@conocophillips com), Stallsmith, Mark R

Subject:

Reclamation Notice San Juan 28-6 Unit 135N

Importance: High

Attachments: San Juan 28-6 unit 135N pdf

Aztec Excavation will move a tractor to the San Juan 28-6 Unit 135N on Friday, July 17th, 2009 to start the Reclamation Process.

Please contact Eric Smith (608-1387) if you have any questions or need further assistance.

Thanks, Jason Silverman

## **Burlington Resources Well- Network #: 10234655**

Rio Arriba County, NM

### SAN JUAN 28-6 UNIT 135N – BLM surface / BLM minerals

Twin: n/a

2430' FSL, 375' FEL SEC. 6, T27N, R06W

Unit Letter 'I'

Lease #: USA NM-03583

Latitude: 36° 36 min 08.36640 sec N (NAD 83) Longitude: 107° 29 min 59.45280 sec W (NAD83)

Elevation: 6604' API#: 30-039-30621

Jason Silverman -----Construction Technician ConocoPhillips Company - SJBU Construction Department

P.O. Box 4289
Farmington, NM 87499-4289
505-326-9821
Jason.M.Silverman@ConocoPhillips.com

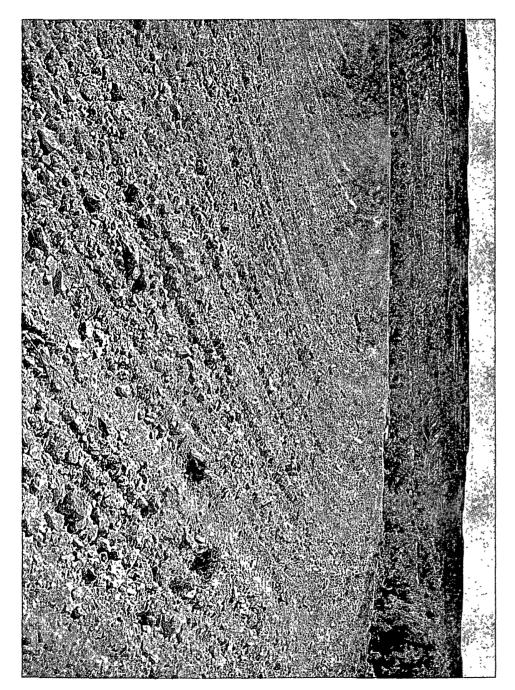
## ConocoPhillips

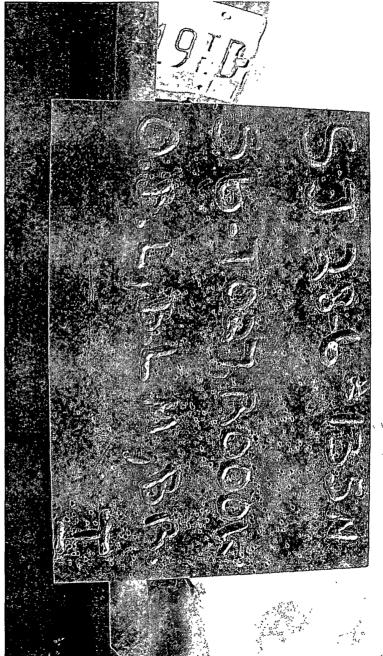
Reclamation Form:						
Date: 1/15/09	<del></del>					
Well Name: <u>S.J. 2</u>	8-6#135N					
Footages: <u>2430' \$</u>	SL 375'fcl Unit Letter: I					
Section: 6, T-27-	N, R- 6-W, County: N. Ari, be State: N. M.					
Reclamation Contractor:	Aztic					
Reclamation Date:	7/17/09					
Road Completion Date:	8/16/09					
Seeding Date:	8,18/09					
	, .					
Construction inspector:	Sric Smith Date: 8/19/09					
Inspector Signature:	_ ~ 0					

## BURLINGTEN RESOURCES

SAN JUAN 28-6 UNIT #135N
LATITUDE 36° 36 MIN 08.36640 SEC. N (NAD 83)
LONGITUDE 107° 29 MIN 59.45280 SEC. W (NAD 83)
UNIT I SEC 6 T27N RO6W
2430' FSL 375' FEL
API # 30-039-30621
LEASE# USA NM-03583 ELEV.6604'
RIO ARRIBA COUNTY, NEW MEXICO
EMERGENCY CONTACT: 1-505-599-3400







## WELL PAD SAFETY AND ENVIRONMENTAL CHECK LIST

WELL NAME:	San Juan 28-6 Un	it 135N		API#:	30-039-30621
		SAFETY	LOCATION	PICTURES	
DATE	INSPECTOR	CHECK	CHECK	TAKEN	COMMENTS
3/3/2009	R Woody				Rig on location
3/16/2009	A. Sanchez	х	Х	Х	Notified OCD on torn liner Called contract to fill in cellar
3/24/2009	A. Sanchez	Х	Х	X	Called to have location bladed and cellar filled in
4/5/2009	A. Sanchez	X	Х	Χ	
4/14/2009	A Sanchez	X	Х	X	
4/28/2009	A. Sanchez	X	Х	X	
4/28/2009	A. Sanchez	X	Х	X	(
5/19/2009	A. Sanchez	х	Х	X	
6/2/2009	A. Sanchez	x	х	X	
6/17/2009	A. Sanchez	X	х	X	
7/17/2009	A. Sanchez	х	х	X	
7/24/2009	E Smith				Pit Closed
8/17/2009	E. Perry	x	Х	X	Sign on location
					·
			-		
				<del></del>	<u> </u>
			-		
	,				

,