District I 1625 N French Dr., Hobbs, NM 88240

State of New Mexico Energy Minerals and Natural Resources Form C-144 July 21, 2008

District II

1301 W Grand Ave, Artesia, NM 88210

District III

1000 Rio Brazos Rd, Aztec, NM 87410

District IV

Department Oil Conservation Division 1220 South St. Francis Dr.

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 Environmental Bureau office and provide a copy to the

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Temporary:

Lined

Santa Fe, NM 87505 appropriate NMOCD District Office 1220 S St Francis Dr, Santa Fe, NM 87505 Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application X Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Type of action: Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Modification to an existing permit Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances Operator: ConocoPhillips Company OGRID#: 217817 Address: PO Box 4289, Farmington, NM 87499 Facility or well name: SAN JUAN 31-6 UNIT 45N API Number: 30-039-30298 OCD Permit Number. P(SE/SE) Township: 31N 6W County: U/L or Qtr/Qtr: Section: 31 Range: Rio Arriba Center of Proposed Design: Latitude: 36.850104 °N 107.495702 °W NAD: 1927 X 1983 Longitude: Private Tribal Trust or Indian Allotment Surface Owner: X Federal State Pit: Subsection F or G of 19.15.17.11 NMAC RCVD JUL 21'09 OIL CONS. DIV. Drilling Workover Permanent Emergency Cavitation DIST. A LLDPE HDPE PVC Other Unlined Liner type. mıl String-Reinforced Liner Seams. Welded Factory Volume: Dimensions L

Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)
Drying Pad Above Ground Steel Tanks Haul-off Bins Other
Lined Unlined Liner type: Thicknessmil LLDPE HDPE PVD Other
Liner Seams: Welded Factory Other
X Below-grade tank: Subsection I of 19.15.17.11 NMAC
Volume: 120 bbl Type of fluid. Produced Water
Tank Construction material Metal
Secondary containment with leak detection X Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
Visible sidewalls and liner Visible sidewalls only Other
Liner Type: Thickness 45 mil HDPE PVC X Other LLDPE

Subsection H of 19.15.17.11 NMAC

Alternative Method:

Closed-loop System:

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

6 ' ' '		ľ					
<u>Fencing:</u> 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, inst	itulion or chur	ch)					
Four foot height, four strands of barbed wire evenly spaced between one and four feet							
X Alternate. Please specify 4' hogwire fence with a single strand of barbed wire on top.							
7							
Netting: Subsection E of 19 15.17 11 NMAC (Applies to permanent pits and permanent open top tanks)							
Screen Netting Other							
Monthly inspections (If netting or screening is not physically feasible)							
8 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							
A Signed in compliance with 19.13 \$ 105 NMAC							
9							
Administrative Approvals and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.							
		!					
Please check a box if one or more of the following is requested, if not leave blank:	1						
Administrative approval(s) Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for cons (Fencing/BGT Liner)	ideration of ap	provai.					
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.	Yes	X No					
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells		_					
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa	Yes	X No					
lake (measured from the ordinary high-water mark).							
- 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	Yes	X No					
application.	—						
(Applies to temporary, emergency, or cavitation pits and below-grade tanks)	NA						
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	· 						
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	Yes	□No					
(Applied to permanent pits)	XNA	_					
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image							
Within 500 horizonal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering	☐Yes	X No					
purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.		AINO					
- 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	Yes	XNo					
adopted pursuant to NMSA 1978, Section 3-27-3, as amended		_					
- Written confirmation or verification from the municipality; Written approval obtained from the municipality							
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	Yes	XNo					
Within the area overlying a subsurface mine.	Yes	XNo					
- Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	L.c.	AIN					
Within an unstable area.	Yes	XNo					
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological	""						
Society; Topographic map							
Within a 100-year floodplain	Yes	XNo					
- FEMA man	1	-					

Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions. Each of the following items must be attached to the application—Please indicate, by a check mark in the box, that the documents are attached.
X 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
X Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19 15.17 10 NMAC
X Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
X 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
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 Assessment
Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC
Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
Quality Control/Quality Assurance Construction and Installation Plan
Operating and Maintenance Plan - based upon the appropriate requirements of 19 15.17 12 NMAC Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19 15.17.11 NMAC
Nuisance or Hazardous Odors, including 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 X Below-grade Tank Closed-loop System Alternative
Proposed Closure Method: X Waste Excavation and Removal
Waste Removal (Closed-loop systems only)
On-site Closure Method (only for temporary pits and closed-loop systems)
In-place BurialOn-site Trench
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Places indicate by a check work in the box that the decuments are attached.
Please indicate, by a check mark in the box, that the documents are attached. X Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
X Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
X Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
X Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15 17.13 NMAC
X Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

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16	THE L. IN LEGIC OF COLUMN ACT						
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		ucilities					
are required							
Disposal Faculity Name:							
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	es occur on or in areas that will not be used for future so	ervice 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 appropriate Re-vegetation Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate Plan - based upon the appropriate	ction I of 19.15.17.13 NMAC	3					
Site Reclamation Plan - based upon the appropriate requirements of Sul	section G of 19.15.17.13 NMAC						
Siting Criteria (Regarding on-site closure methods only: 19.15.17.10 NMA Instructions: Each siting criteria requires a demonstration of compliance in the closure plan certain siting criteria may require administrative approval from the appropriate district office for consideration of approval Justifications and/or demonstrations of equivalency are required.	Recommendations of acceptable source material are provided belo or may be considered an exception which must be submitted to the						
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - 1WATERS database search; USGS Data obta	nuned from nearby wells	∐Yes ∐No □N/A					
<u> </u>	·						
Ground water is between 50 and 100 feet below the bottom of the buried waste		∐Yes ∐No					
- NM Office of the State Engineer - iWATERS database search; USGS; Data obta	ined 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 - IWATERS database search; USGS; Data obta	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).	cant watercourse or lakebed, sinkhole, or playa lake	Yes No					
- Topographic map; Visual inspection (certification) of the proposed site							
Within 300 feet from a permanent residence, school, hospital, institution, or church in - Visual inspection (certification) of the proposed site; Aerial photo, satellite image	Yes No						
		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 (certification of the State Engineer - iWATERS database).	tence at the time of the initial application.						
Within incorporated municipal boundaries or within a defined municipal fresh water water to NMSA 1978, Section 3-27-3, as amended.	vell field covered under a municipal ordinance adopted	Yes No					
 Written confirmation or verification from the municipality, Written approval obt Within 500 feet of a wetland 	ained from the municipality	∏Yes ∏No					
- US Fish and Wildlife Wetland Identification map, Topographic map, Visual insp	pection (certification) of the proposed site						
Within the area overlying a subsurface mine.		Yes No					
- Written confirantion or verification or map from the NM EMNRD-Mining and	Mineral Division						
Within an unstable area.		Yes No					
 Engineering measures incorporated into the design; NM Bureau of Geology & M Topographic map 	ineral Resources; USGS; NM Geological Society,						
Within a 100-year floodplain FEMA map		Yes No					
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each by a check mark in the box, that the documents are attached.	of the following items must bee attached to the closur	re plan. Please indicate,					
Siting Criteria Compliance Demonstrations - based upon the appropriat	e requirements of 19 15 17 10 NM A C						
Proof of Surface Owner Notice - based upon the appropriate requireme	-						
Construction/Design Plan of Burial Trench (if applicable) based upon t							
Construction/Design Plan of Temporary Ptt (for in place burial of a dry	••••	9.15.17.11 NMAC					
Protocols and Procedures - based upon the appropriate requirements of							
Confirmation Sampling Plan (if applicable) - based upon the appropriat							
Waste Material Sampling Plan - based upon the appropriate requirement	-	,					
Disposal Facility Name and Permit Number (for liquids, drilling fluids		nnot be achieved)					
Soil Cover Design - based upon the appropriate requirements of Subsection	ction H of 19.15.17.13 NMAC						
Re-vegetation Plan - based upon the appropriate requirements of Subse							
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15 17.13 NMAC							

19				
Operator Application	Certification:			
	formation submitted with this application is true, accu	rate and complete to the	hest of my knowledge and heltef	- 1
		Title.		
Name (Print):	Crystal Tafoya		Regulatory Technician	
Signature:	Comptal apoya	Date:	1/20/09	
e-mail address	crystal.taloya@conocophillips fom	Telephone:	505-326-9837	
20				
OCD Approval:	Permit Application (including closure plan)	Closure Plan (only)	OCD Conditions (see attachment)	
OCD Representative S	·	·//	760/0	
OCD Representative S	orginature: Jrund Jen	<u> </u>	Approval Date: 7/29/09	
Title:	wire Isper	OCD Peri	nit Number:	
	with ispec		mt (dilibet)	
21				
I	and within 60 days of closure completion).		-	1
	red within 60 days of closure completion): Substreamined to obtain an approved closure plan prior to		ure activities and submitting the closure report The closure	
			es. Please do not complete this section of the form until an	-
	s been obtained and the closure activities have been co		, , , ,	
		Closur	e Completion Date:	
22				
Closure Method:				
Waste Excavation	and Removal On-site Closure Method	Alternative Closure	Method Waste Removal (Closed-loop systems only)	
If different from a	pproved plan, please explain.			
	rr , r			
23				
	Maste Removal Closure For Closed-loop System			I
Instructions: Please ident were utilized.	ify the facility or facilities for where the liquids, dril	ing fluids and drill cutt	ings were disposed. Use attachment if more than two facilities	
Disposal Facility Name		Disposal Facility	Permit Number.	i
		-		
Disposal Facility Name		-	Permit Number	
· — ·	system operations and associated activities performed	_	of be used for future service and opeartions?	
Yes (If yes, please	demonstrate compliane to the items below)	_No		
Required for impacted	areas which will not be used for future service and op-	verations:		- 1
Site Reclamation ((Photo Documentation)			1
Soil Backfilling ar	nd Cover Installation			
Re-vegetation App	olication Rates and Seeding Technique		•	
24				
	achment Checklist: Instructions: Each of the follo	owing items must he att	ached to the closure report. Please indicate, by a check mark in	
the box, that the docur				
Proof of Closure	Notice (surface owner and division)			
	otice (required for on-site closure)			
	-site closures and temporary pits)			
	mpling Analytical Results (if applicable)			
=	Sampling Analytical Results (if applicable)			
Disposal Facility	Name and Permit Number			
Soil Backfilling a	and Cover Installation			
Re-vegetation A ₁	pplication Rates and Seeding Technique			
Site Reclamation	(Photo Documentation)			
On-site Closure l	Location: Latitude:	Longitude:	NAD 1927 1983	
		~ ~		
Operator Classes Com	At Floodian	•		
Operator Closure Cert				
			and complete to the best of my knowledge and belief. I also certify the	at
me crosure compiles with	all applicable closure requirements and conditions sp	есціви ін іне approved	лозите рин.	
Name (Print):		Title [.]		
				j
Signature		Date.		
		.		
e-mail address.		Telephone:		

Form C-144 Oil Conservation Division Page 5 of 5



(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

QQQ C Depth Depth Water basin Use County 64 16 4 Sec Tws Rng Y - Well WaterColumn

SJ 00011

IND

32 31N 06W

4081811*

Average Depth to Water: null feet

Minimum Depth: null feet

Maximum Depth: null feet

Record Count: 1

PLSS Search:

Section(s): 29-32

Township: 31N

Range: 06W

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



No records found.

PLSS Search:

Section(s): 25, 36

Township: 31N

Range: 07W



No records found.

PLSS Search:

Section(s): 1-2

Township: 30N

Range: 07W



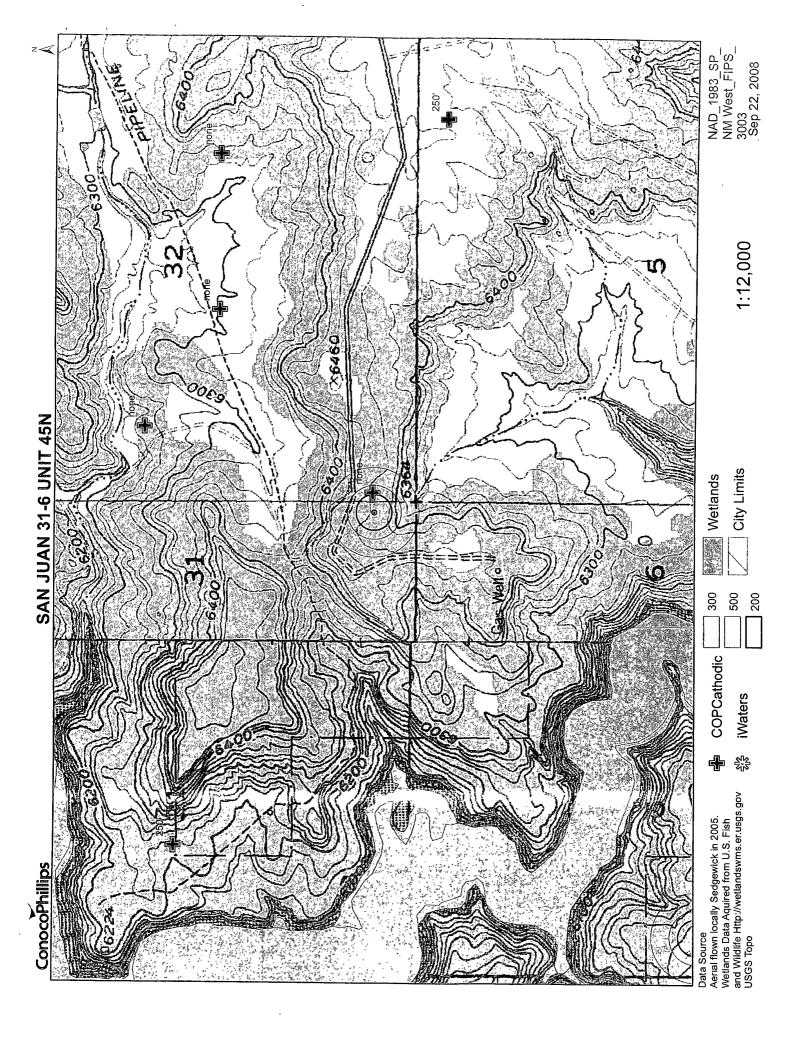
No records found.

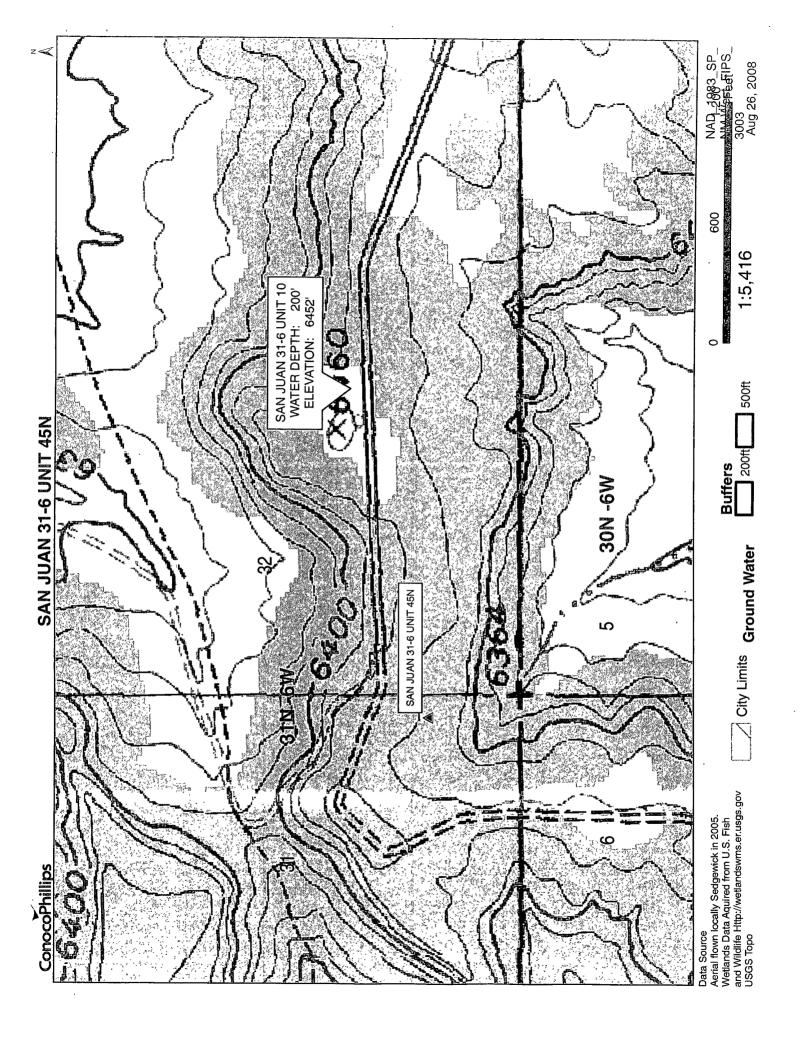
PLSS Search:

Section(s): 5-6

Township: 30N

Range: 06W





30-039-07929

OCD CATHODIC PROTECTION DEEPWELL GROUNDSED REPORT DATA SHEET: NORTHWESTERN NEW MEXICO

SUBMIT 2 COPIES TO O.C.D. AZTEC OFFIC

OPERATOR PHILLIPS PETROLEUM CO. FARMINGTON, NM 87401 PHONE: 599-3400

OIL COM. DIV.

LOCATION INFORMATION

WELLNAME OR PIPELINE SERVED: SJ 31-6 UNIT #10 MV

ADDTIONAL WELLS: N/A

LEGAL LOCATION: N 32 31 6

DATE OF INSTALLATION: 11/1/96

LEASE NUMBER: 650114

TYPE OF LEASE: STATE

PPCO RECTIFIER NUMBER: FM-342

TOTAL GIB DEPTH 380

GROUNDBED INFORMATION

CASING SIZE: 8

CASING TYPE:

PVC

CASING DEPTH:

230

20

CASING CEMENT: NO

TOP ANODE:

240

BOTTOM ANODE

330

INDIVIDUAL ANODE DEPTHS: 240,250,260,270,280,290,300,310,320,330

AMOUNT OF COKE:

3506

WATER INFORMATION

WATER DEPTH (1): 200

WATER DEPTH (2): N/A

CEMENT PLUGS: NO

OTHER INFORMATION

GAS DEPTH: N/A

VENT PIPE DEPTH 380

TOP OF VENT PERFORATIONS:

REMARKS:

NEW G/B DRILLED 11-96

IF ANY OF THE ABOVE DATA IS UNAVAILABLE, PLEASE INDICATE SO COPIES OF ALL LOGS, INCLUDING DRILLERS LOGS, WATER ANALYSIS, AND WELL BORE SCHEMATICS SHOULD BE SUBMITTED WHEN AVAILABLE. UNPLUGGED UNABANDONED WELLS ARE TO BE INCLUDED.

^{*} LAND TYPE MAY BE SHOWN_F-FEDERAL; HINDIAN, S-STATE; P-FEE IF FEDERAL OR INDIAN, ADD LEASE NUMBER.

4 - N.M.O.C.C. 1 - L. G. Truby 1 - File

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe. New Mexico

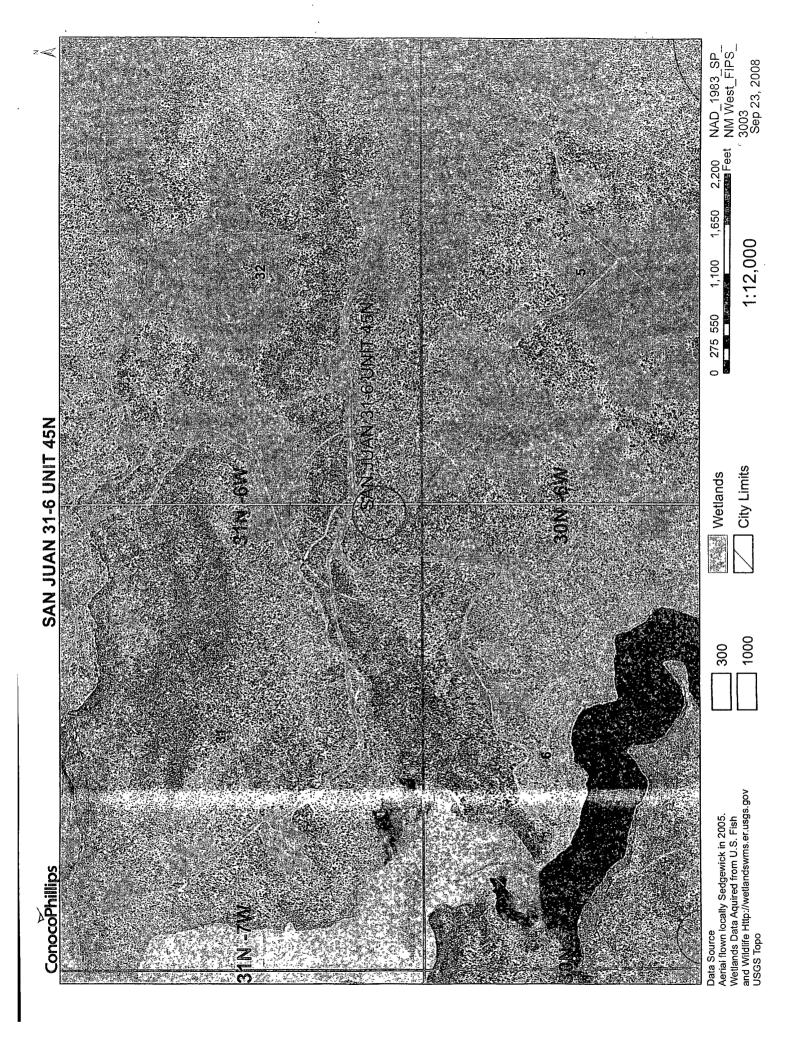
(Form C-104) (Bovised 7/1/52)

REQUEST FOR (OIL) - (GAS) ALLOWABLE

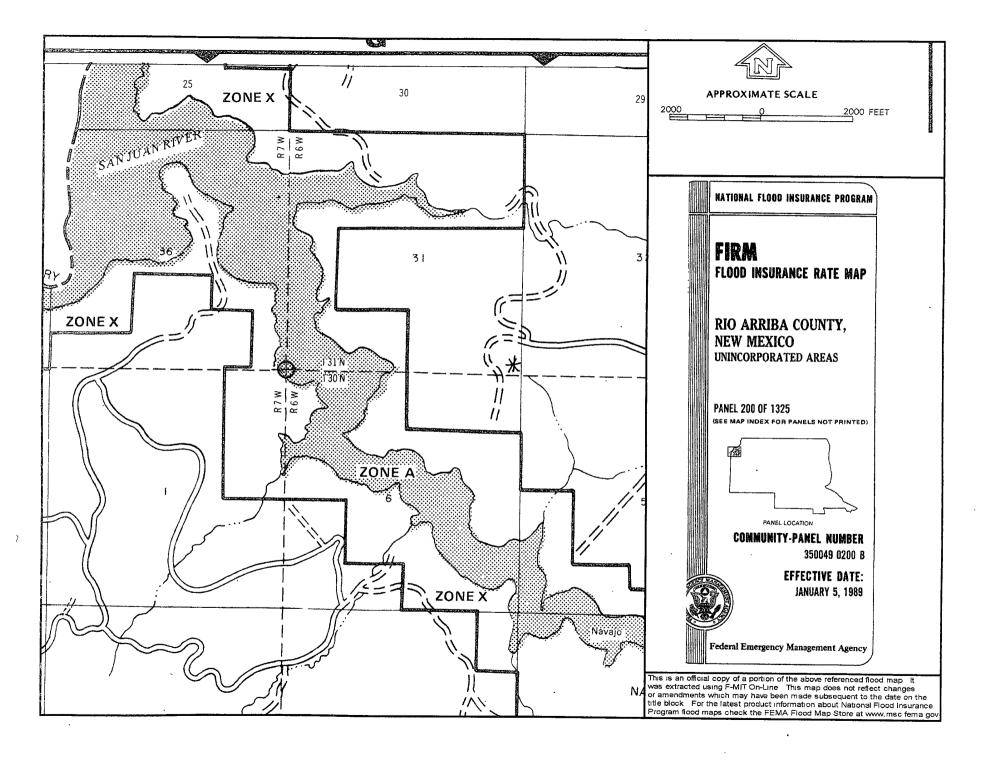
New Well Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

				Farmington, New Maxico	9-10-56 (Date)
E ARE	HEREBY	REOUESTIN	IG AN ALLOWARI.	E FOR A WELL KNOWN AS:	(Sau.)
		_		, Well No10-32, in	SE 1/2 SW 1/4
- 11	Company of 1	Omerator)	1	I aasa\	
Unit	, S Letter	ec32	, T , R (old, NMPM., Blanco	Pool
				ded5-21-56	_
	ease indicate		,	,	
D	С	BIA			
			Elevation94	51.7 Total Depth 5854.5	, P.B
E	F	G H	Top oil/gas pa	y 5350	m Masaverda
			Casing Perfora	tions: 5754-5838; 5662-72; 5350-5	or
L	K	JI	Depth to Casin	g shoe of Prod. String. 5854.53	
					2020
M	N	OP	Natural Prod. 1	`est	BOPD
	x		based on	bbls. Oil inH	IrsMins.
0201	1967 9 <i>E</i> /	A BUS			nono
	FSL,154		· l'est after acid	or shot	ВОРО
Size	ng ama Come Feet	nating Record Sax	Based on	bbls, Oil inH	Irs Mins.
	1		G 11/1 15		
9 5/8	8 202.36	150		ntial 3077 MCF CAOF	
7	3622.5	6 200	Size choke in i	nches3/4*	
<u> </u>	JAKK!	0 200	TD . C . 11	Tuesday Tuesday	
5	5854	200	Date first on ru	n to tanks or gas to Transmission system:	
2 2/	8 5776.		Transporter tal	ing Oil or Gas: Pacific Northwest	Pipeline Corpa
2 3/	5 3770		·		
marks:	Frac ir	a.3. interva	ls w/ 28,932 ga	ls water &18,000# sd; 47,964 ge	le water
	57,500	ad; w/ 52	,339 gala mter	only.	
					- Kritiati
I he	reby certify	that the infor	mation given above i	s true and complete to the best of my know	
proved	SEP	27 1956	, 19.		no Com Store
	:			Original signed by G	
(OIL CONS	ERVATION	COMMISSION	By:(Signature	
	() L	el.	fund !	TitleDistrict Proration.	Engineer
)(Oi	il and Gas	Inspector D	Dist #3	Send Communications re	garding well to:
le		/	- n _i wene - 選 ^の です! 	 Name Pacific Northwest I	ipeline Corp.
				Address. 4052 Wast Broadway,	LEATHAIN CAND NO FE







Hydrogeological report for SAN JUAN 31-6 UNIT 45N

Regional Hydrogeological context:

The San Jose Formation of Eocene age occurs in New Mexico and Colorado, and its outcrop forms the land surface over much of the eastern half of the central basin. It overlies the Nacimiento Formation in the area generally south of the Colorado-New Mexico State line and overlies the Animas Formation in the area generally north of the State line.

The San Jose Formation was deposited in various fluvial-type environments. In general, the unit consists of an interbedded sequence of sandstone, siltstone, and variegated shale. Thickness of the San Jose Formation generally increases from west to east (200 feet in the west and south to almost 2,700 feet in the center of the structural basin). Ground water is associated with alluvial and fluvial sandstone aquifers. Thus, the occurrence of ground water is mainly controlled by the distribution of sandstone in the formation. The distribution of such sandstone is the result of original depositional extent plus any post-depositional modifications, namely erosion and structural deformation. Transmissivity data for San Jose Formation are minimal. Values of 40 and 120 feet squared per day were determined from two aquifer tests (Stone et al, 1983, table 5). The reported or measured discharge from 46 water wells completed in San Jose Formation ranges from 0.15 to 61 gallons per minute and the median is 5 gallons per minute. Most of the wells provide water for livestock and domestic use.

The San Jose Formation is a very suitable unit for recharge from precipitation because soils that form on the unit are sandy and highly permeable and therefore readily adsorb precipitation. However, low annual precipitation, relatively high transpiration and evaporation rates, and deep dissection of the San Jose Formation by the San Juan River and its tributaries all tend to reduce the effective recharge to the unit.

Stone et al., 1983, Hydrogeology and Water Resources of the San Juan Basin, New Mexico: Socorro, New Mexico Bureau of Mines and Mineral Resources Hydrologic Report 6, 70 p.

Siting Criteria Compliance Demonstration & Hydro Geologic Analysis

The San Juan 31-6 Unit 45N is not located in an unstable area. The location is not over a mine and is not on the side of a hill as indicated on the Mines, Mills and Quarries Map and Topographic Map. The location of the excavated pit material will not be located within 300' of any continuously flowing watercourse or 200' from any other watercourse as indicated on the Topographic Map. The location is not within a 100-year floodplain area as indicated on the FEMA Map. The Cathodic well data from the San Juan 31-6 Unit 10 has an elevation of 6452' and groundwater depth of 200'. The subject well has an elevation of 6435' which is 17' less than the San Juan 31-6 Unit 10, therefore the groundwater depth is greater than 180'. There are no iWATERS data points located in the area as indicated on the TOPO Map. The hydro geologic analysis indicates the groundwater depth and the San Jose formation will create a stable area for this new location.

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

Py State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT III 1000 Rio Brezos Rd., Aztec, N.M. 67410

☐ AMENDED REPORT

DISTRICT IV 1220 S. St. Francis-Dr., Santa Fe. NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLATITION

'API Number		Pool Code	Pool Name	•
30-039-	30DAB	72319/71599	Basin Dakota/Blanco Mesaverde	3
Property Code		⁸ Pro	operty Name	⁶ Well Number
31328		45N		
OGRID No.		*0px	erator Name	^c Elevation
217817		CONOCOPHI	LLIPS COMPANY	6436'

10 Surface Location UL or lot no. Range North/South line Peet from the East/West line County Section Township Lot Idn Feet from the RIO ARRIBA P 31 31-N 6-W SOUTH 130' EAST 480'

" Bottom Hole Location If Different From Surface UL or lot no. Section Township Lot Idn Pest from the North/South line Peet from the Rest/West line County RIO ARRIBA SOUTH EAST 31-N 6-W 1475 1380' Order No. 38 Dedicated Acres 15 Joint or Infill Consolidation Code **320**. E/2

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

OR A MON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	OR A	NON-STAN	DARD T	UNIT	HAS	BEEN	APPROVED	BY	THE DIVISION
					Zipino. ***	1			OPERATOR CERTIFICATION
						,			I hereby certify that the information contained herein is true and complete to the best of my innuisings and belief, and that this argumentation either count a working interest or uniqueed entured interest in the least including the proposed bettom hale location or has a right to drill that well at this location pursuant to a construct with an owner of such a enterest or a working interest, or to a voluntary pooling agreement or a computationy pooling order hardispire entered by the dissisten.
		SF-07	' 899: 	5					Signature Rhonda Rogers Printed Name
		3	1	-	***********			_	1-10-07
	LAT: 36'51 LONG: 10'1 NAD 1927	.1537' N. '29.9820' W.							18 SURVEYOR CERTIFICATION I hereby certify that the until bootion shows on this plot
	LAT: 38.8	52568" N. 7.500306" W.						1.6892 1.80 0 S	was plotted from field notes of actual surveys made by no or under any supervision, and that the same to brue and correct to the best of my ballet.
	BOTTOM H	OLE	BC	MOTTC	HOLE	1	475'	25 m	Date of Survey W. 11000
	NAD 1927	729.6874' W.			1380		- 1	30'	Signature and took of Friedmann Surroyer.
	LAT: 36.6 LONG: 10' NAD 1983 SURFACE	.495702 W.				N 90' 0 204	SURFACE	480	Certificate Rumber 15703

ConocoPhillips Company San Juan Basin Below Grade Tank Design and Construction

In accordance with NMAC 19.15.17 the following information describes the design and construction of below grade tanks on ConocoPhillips Company (COPC) locations. This is COPC's standard procedure for all below grade tanks (BGT). A separate plan will be submitted for any BGT which does not conform to this plan.

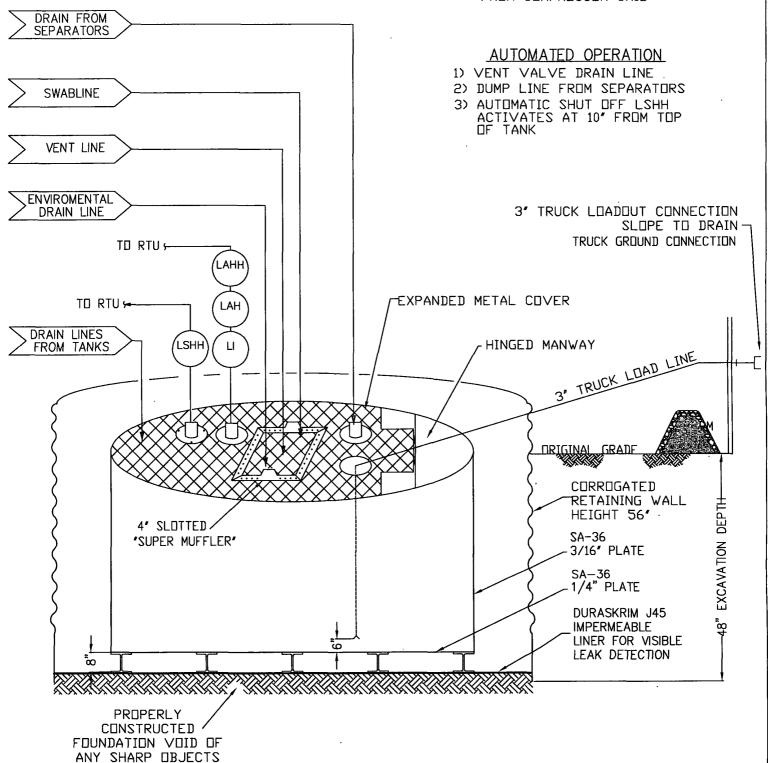
General Plan:

- 1. COPC will design and construct a properly sized and approved BGT which will contain liquids and should prevent contamination of fresh water to protect the public health and environment.
- 2. COPC signage will comply with 19.15.3.103 NMAC when COPC is the operator. If COPC is not the operator it will comply with 19.15.17.11NMAC. COPC includes Emergency Contact information on all signage.
- 3. COPC has approval to use alternative fencing that provides better protection. COPC constructs fencing around the BGT using 4 foot hog wire fencing topped with two strands of barbed wire, or with a pipe top rail. A six foot chain link fence topped with three strands of barbed wire will be use if the well location is within 1000 feet of permanent residence, school, hospital, institution or church. COPC ensures that all gates associated with the fence are closed and locked when responsible personnel are not onsite.
- 4. COPC will construct a screened, expanded metal covering, on the top of the BGT.
- 5. COPC shall ensure that a below-grade tank is constructed of materials resistant to the below-grade tank's particular contents and resistant to damage from sunlight as shown on design drawing and specification sheet.
- 6. The COPC below-grade tank system shall have a properly constructed foundation consisting of a level base free of rocks, debris, sharp edges or irregularities to prevent punctures, cracks or indentations of the liner or tank bottom as shown on design drawing.
- 7. COPC shall operate and install the below-grade tank to prevent the collection of surface water run-on. COPC has built in shut off devices that do not allow a below-grade tank to overflow. COPC constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 8. COPC will construct and use a below-grade tank that does not have double walls. The below-grade tank's side walls will be open for visual inspection for leaks, the below-grade tank's bottom is elevated a minimum of six inches above the underlying ground surface and the below-grade tank is underlain with a geomembrane liner to divert leaked liquid to a location that can be visually inspected.

- 9. COPC has equipped the below-grade tanks with the ability to detect high level in the tank and provide alarm notification and shutdown process streams into the tank. Once high level is detected RTU logic closes the inlet separator sales valve and does not permit vent valve to open. This shutdown of the sales valve and gagging of the vent valves prevents any hydrocarbon process streams from entering the pit tank once a high level is detected. Furthermore, an electronic page is sent to the COPC MSO for that well site and to the designated contract "Water-Hauling" Company indicating a high level and that action must be taken to address this alarm. The environmental drain line from COPC's compressor skid under normal operating conditions is in the open position. The environmental drain line is in place to capture any collected rain water or spilled lubricants from our compressor skids. The swab drain line is a manually operated drain and by normal operating procedures is in the closed position. The tank drain line is also a manually operated drain and during normal operations it is in the closed position.
- 10. The geomembrane liner consists of a 45-mil flexible LLDPE material manufactured by Raven Industries as J45BB. This product is a four layer reinforced laminated containing no adhesives. The outer layers consist of a high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. The J45BB is reinforced with 1300 denier (minimum) tri-directional scrim reinforcement. It exceeds ASTMD3083 standard by 10%. J45BB has a warranty for 20 years from Raven Industries and is attached. It is typically used in Brine Pond, Oilfield Pit liner and other industrial applications. The manufacture specific sheet is attached and the design attached displays the proper installation of the liner.
- 11. The general specification for design and construction are attached in the COPC document.

MANUAL OPERATION

- 1) PRODUCTION TANKS DRAINLINE
- 2) SWABLINE DRAIN LINE
- 3) ENVIROMENTAL DRAIN LINE FROM COMPRESSOR SKID



ConocoPhillips

San Juan Business Unit

PRODUCED WATER PIT TANK
OPEN TOP GRAVITY FLOW TANK
INTERNALLY COATED WITH
12-14 MILS AMERON AMERCOAT 385

DURA-SKRIM®

J30, J36 & J45

PROPERTIES	TEST METHOD	J30BB		J36	ВВ	J45BB		
		Min. Roll Typical Roll Averages Averages		Min. Roll Averages	Typical Roll Averages	Min, Roll Averages	Typical Roll Averages	
Appearance		Black	/Black	Black	Black/Black		Black/Black	
Thickness	ASTM D 5199	27 mil	30 mil	32 mil	36 mil	40 mil	45 mil	
Weight Lbs Per MSF (oz/yd²)	ASTM D 5261	126 lbs (18.14)	140 lbs (20.16)	151 lbs (21,74)	168 lbs (24.19)	189 lþs (27.21)	210 lbs (30.24)	
Construction		**Extr	usion laminated	with encapsulat	ed tri-direction	al scrim reinforc	ement	
Ply Adhesion	ASTM D 413	16 lbs	20 lbs	19 lbs	24 lbs	25 lbs	31 lbs	
1" Tensile Strength	ASTM D 7003	88 lbf MD 63 lbf DD	110 lbf MD 79 lbf DD	90 lbf MD 70 lbf DD	113 lbf MD 87 lbf DD	110 lbf MD 84 lbf DD	138 lbf MD 105 lbf DD	
1" Tensile Elongation @ Break % (Film Break)	ASTM D 7003	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD 750 DD	550 MD 550 DD	750 MD 750 DD	
1" Tensile Elongation @ Peak % (Scrim Break)	ASTM D 7003	20 MD 20 DD	33 MD 33 DD	20 MD 20 DD	30 MD 31DD	20 MD 20 DD	36 MD 36 DD	
Tongue Tear Strength	ASTM D 5884	75 lbf MD 75 lbf DD	97 lbf MD 90 lbf DD	75 lbf MD 75 lbf DD	104 lbf MD 92 lbf DD	100 lbf MD 100 lbf DD	117 lbf MD 118 lbf DD	
Grab.Tensile	ASTM D 7004	180 lbf MD 180 lbf DD	218 lbf MD 210 lbf DD	180 lbf MD · 180 lbf DD	222 lbf MD 223 lbf DD	220 lbf MD 220 lbf DD	257 lbf MD 258 lbf DD	
Trapezoid Tear	ASTM D 4533	120 lbf MD 120 lbf DD	146 lbf MD 141 lbf DD	130 lbf MD 130 lbf DD	189 lbf MD 172 lbf DD	160 lbf MD 160 lbf DD	193 lbf MD 191 lbf DD	
* Dimensional Stability	ASTM D 1204	<1	<0.5	<1	<0.5	<1	<0.5	
Puncture Resistance	ASTM D 4833	50 lbf	64 lbf	65 lbf	83 lbf	80 lbf	99 lbf	
Maximum Use Temperature		180° F	180° F	180° F	180° F	180° F	180° F	
Minimum Use Temperature		-70° F	-70° F	-7 0° F	-70° F	-70° F	-70° F	

MD = Machine Direction

DD = Diagonal Directions



Note: Minimum Roll Averages are set to take into account product variability in addition to testing variability between laboratories.

*Dimensional Stability Maximum Value

**DURA-SKRIM J30BB, J36BB & J45BB are a four layer reinforced laminate containing no adhesives. The outer layers consist of a high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. DURA-SKRIM J30BB, J36BB & J45BB are reinforced with a 1300 denier (minimum) tri-directional scrim reinforcement.

Note: RAVEN INDUSTRIES MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.

PLANT LOCATION

Sioux Falls, South Dakota

SALES OFFICE

P.O. Box 5107 Sioux Falls, SD 57117-5107 (605) 335-0174 (605) 331-0333 FAX

800-635-3456

08/06



RAVEN INDUSTRIES INC. EXPOSED GEOMEMBRANE LIMITED WARRANTY

Raven Industries Inc. warrants Dura-Skrim J30BB, J36BB, and J45BB to be free from manufacturing defects and to be able to withstand normal exposure to sunlight for a period of 20 years from the date of sale for normal use in approved applications in the U.S and Canada, excluding Hawaii. This warranty is effective for products sold and shipped from January 1, 2008 to December 31, 2008. These dates will be updated prior to December 31, 2008.

This Limited Warranty does not include damages or defects in the Raven geomembrane resulting from acts of God, casualty or catastrophe including but not limited to: earthquakes, floods, piercing hail, or tornadoes. The term "normal use" as used herein does not include, among other things improper handling during transportation, unloading, storage or installation, the exposure of Raven geomembranes to harmful chemicals, atypical atmospheric conditions, abuse of Raven geomembranes by machinery, equipment or people; improper site preparation or covering materials, excessive pressures or stresses from any source or improper application or installation. Raven geomembrane material warranty is intended for commercial use only and is not in effect for the consumer as defined in the Magnuson Moss Warranty or any similar federal, state, or local statues. The parties expressly agree that the sale hereunder is for commercial or industrial use only.

Should defects or premature loss of use within the scope of the above Limited Warranty occur, Raven Industries Inc. will, at its option, repair or replace the Raven geomembrane on a pro-rata basis at the then current price in such manner as to charge the Purchaser/User only for that portion of the warranted life which has elapsed since purchase of the material. Raven Industries Inc. will have the right to inspect and determine the cause of any alleged defect in the Raven geomembrane and to take appropriate steps to repair or replace the Raven geomembrane if a defect exists which is covered under this warranty. This Limited Warranty extends only to Raven's geomembrane, and does not extend to the installation service of third parties nor does it extend to materials furnished or installed by others in connection with the intended use of the Raven geomembranes.

Any claim for any alleged breach of this warranty must be made in writing, by certified mail, to the General Manager of Engineered Films Division of Raven Industries Inc. within ten (10) days of becoming aware of the alleged defect. Should the required notice not be given, the defect and all warranties are waived by the Purchaser, and Purchaser shall not have any rights under this warranty. Raven Industries Inc. shall not be obligated to perform repairs or replacements under this warranty unless and until the area to be repaired or replaced is clean, dry, and unencumbered. This includes, but is not limited to, the area made available for repair and/or replacement of Raven geomembrane to be free from all water, dirt, sludge, residuals and liquids of any kind. If after inspection it is determined that there is no claim under this Limited Warranty, Purchaser shall reimburse Raven Industries Inc. for its costs associated with the site inspection.

In the event the exclusive remedy provided herein fails in its essential purpose, and in that event only, the Purchaser shall be entitled to a return of the purchase price for so much of the material as Raven Industries Inc. determines to have violated the warranty provided herein. Raven Industries Inc. shall not be liable for direct, indirect, special, consequential or incidental damages resulting from a breach of this warranty including, but not limited to, damages for loss of production, lost profits, personal injury or property damage. Raven Industries Inc. shall not be obligated to reimburse Purchaser for any repairs, replacement, modifications or alterations made by Purchaser unless Raven Industries Inc. specifically authorized, in writing, said repairs, replacements, modifications or alteration in advance of them having been made. Raven Industry's liability under this warranty shall in no event exceed the replacement cost of the material sold to the Purchaser for the particular installation in which it failed.

Raven Industries Inc. neither assumes nor authorizes any person other than the undersigned of Raven Industries Inc. to assume for it any other or additional liability in connection with the Raven geomembrane made on the basis of the Limited Warranty. The Limited Warranty on the Raven geomembrane herein is given in lieu of all other possible material warranties, either expressed or implied, and by accepting delivery of the material; Purchaser waives all other possible warranties, except those specifically given. This Limited Warranty may only be modified by written document mutually executed by Owner and Raven Industries Inc.

Limited Warranty is extended to the purchaser/owner and is non-transferable and non-assignable; i.e., there are no third-party beneficiaries to this warranty.

Purchaser acknowledges by acceptance that the Limited Warranty given herein is accepted in preference to any and other possible materials warranties.

THIS LIMITED WARRANTY SHALL BE GOVERNED BY SOUTH DAKOTA LAW AND VENUE FOR ALL LEGAL PROCEEDINGS IN CONNECTION WITH THIS LIMITED WARRANTY SHALL BE IN MINNEHAHA COUNTY, SOUTH DAKOTA RAVEN INDUSTRIES INC. MAKES NO WARRANTY OF ANY KIND OTHER THAN THAT GIVEN ABOVE AND HEREBY DISCLAIMS ALL WARRANTIES, BOTH EXPRESSED OR IMPLIED, OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE THIS IS THE ONLY WARRANTY THAT APPLIES TO THE MATERIALS REFERRED TO HEREIN AND RAVEN INDUSTRIES INC. DISCLAIMS ANY LIABILITY FOR ANY WARRANTIES GIVEN BY ANY OTHER PERSON OR ENTITY, EITHER WRITTEN OR ORAL

RAVEN INDUSTRIES' WARRANTY BECOMES AN OBLIGATION OF RAVEN INDUSTRIES INC. TO PERFORM UNDER THE WARRANTY ONLY UPON RECEIPT OF FINAL PAYMENT AND EXECUTION BY A DULY AUTHORIZED OFFICER OF RAVEN INDUSTRIES INC.

ConocoPhillips Company San Juan Basin Below Grade Tank Maintenance and Operating Plan

In accordance with Rule 19.15.17 the following information describes the operation and maintenance of Below Grade Tank (BGT) on ConocoPhillips Company (COPC) locations. This is COPC's standard procedure for all BGT. A separate plan will be submitted for any BGT which does not conform to this plan.

General Plan:

- COPC will operate and maintain a BGT to contain liquids and solids and maintain the integrity of the liner, liner system and secondary containment system to prevent contamination of fresh water and protect public health and environment. COPC will accomplish this by performing an inspection on a monthly basis, installing cathodic protection, and automatic overflow shutoff devices as seen on the design plan.
- 2. COPC will not discharge into or store any hazardous waste in the BGT.
- 3. COPC shall operate and install the below-grade tank to prevent the collection of surface water run-on. COPC has built in shut off devices that do not allow a below-grade tank to overflow. COPC constructs berms and corrugated retaining walls at least 6" above ground to keep from surface water run-on entering the below grade tank as shown on the design plan.
- 4. As per 19.17.15.12 Subsection D, Paragraph 3, COPC will inspect the below-grade tank at least monthly reviewing several items which include 1) containment berms adequate and no oil present, 2) tanks had no visible leaks or sign of corrosion, 3) tank valves, flanges, and hatches had no visible leaks and 4) no evidence of significant spillage of produced liquids. In addition, COPC's multi-skilled operators (MSOs) are required to visit each well location once per week. If detected on either inspection, COPC shall remove any visible or measurable layer of oil from the fluid surface of a below-grade tank in an effort to prevent significant accumulation of oil overtime. The written record of the monthly inspections will include the items listed above and will be maintained for five years.
- 5. COPC shall require and maintain a 10" adequate freeboard to prevent overtopping of the below-grade tank.
- 6. If the below grade tank develops a leak, or if any penetration of the pit liner or below grade tank, occurs below the liquid's surface, then COPC shall remove all liquid above the damage or leak line within 48 hours. COPC shall notify the appropriate district office. COPC shall repair or replace the pit liner or below grade tank, within 48 hours of discovery. If the below grade tank or pit liner does not demonstrate integrity, COPC shall promptly remove and install a below grade tank or pit liner that complies with Subsection I of 19.15.17.11 NMAC. COPC shall notify the appropriate district office of a discovery of leaks less than 25 barrels as required pursuant to Subsection B of 19.15.3.116 NMAC shall be reported within twenty-four (24) hours of discovery of leaks greater than 25 barrels. In addition, immediate verbal notification pursuant to Subsection B, Paragraph (1), and Subparagraph (d) of 19.15.3.116 NMAC shall be reported to the division's Environmental Bureau Chief.

ConocoPhillips Company San Juan Basin Below Grade Tank Closure Plan

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure requirements of Below Grade Tanks (BGTs) on ConocoPhillips Company locations hereinafter known as COPC locations. This is COPC's standard procedure for all BGTs. A separate plan will be submitted for any BGT which does not conform to this plan.

General Requirements:

- 1. COPC shall close a below-grade tank within the time periods provided in Subsection A of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC; b) permitted below-grade tanks within 60 days of cessation of the below-grade tank's operation., or c) an earlier date that the division requires because of imminent danger to fresh water, public health or the environment. For any closure, COPC will file the C144 Closure Report as required.
- 2. COPC shall remove liquids and sludge from a below-grade tank prior to implementing a closure method and shall dispose of the liquids and sludge in a division-approved facility. The facilities to be used will be Basin Disposal (Permit #NM-01-005) and Envirotech Land Farm (Permit #NM-01-011). The liner after being cleaned well (Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC) will be disposed of at the San Juan County Regional Landfill located on CR 3100.
- 3. COPC will receive prior approval to remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves. Documentation of how the below-grade tank was disposed of or recycled will be provided in the closure report.
- If there is any on-site equipment associated with a below-grade tank, then COPC shall remove the equipment, unless the equipment is required for some other purpose.
- 5. COPC shall test the soils beneath the below-grade tank to determine whether a release has occurred. COPC shall collect, at a minimum, a five point, composite sample; collect individual grab samples from any area that is wet, discolored or showing other evidence of a release; and analyze for BTEX, TPH and chlorides to demonstrate that the benzene concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 0.2 mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 100 mg/kg; and the chloride concentration, as determined by EPA method 300.1 or other EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater. COPC shall notify the division of its results on form C-141.

- 6. If COPC or the division determines that a release has occurred, then COPC shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.
- 7. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC, then COPC shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; recontour and re-vegetate the site.
- 8. Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week via email or verbally. The notification of closure will include the following:
 - i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.
- The surface owner shall be notified of COPC's closing of the below-grade tank prior to closure as per the approved closure plan via certified mail, return receipt requested.
- 10. 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 re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.
- 11. COPC 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 stipulated seed mixes will used on federally jurisdicted lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private lands. Vegetative cover will equal 70% of the native perennial vegetative cover (unimpacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative approval if needed. COPC will repeat seeding or planting will be continued until successful vegetative growth occurs.
- 12. 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.
- 13. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the belowgrade tank. Closure report will be filed on C-144 and incorporate the following:
 - Soil Backfilling and Cover Installation
 - Re-vegetation application rates and seeding techniques
 - Photo documentation of the site reclamation
 - Confirmation Sampling Results
 - Proof of closure notice