	State of New MexicoEnergy Minerals and Natural ResourcesOil Conservation Division1220 South St. Francis Dr.Santa Fe, NM 87505			
Is pit or below-grade tar	Grade Tank Registration or the covered by a "general plan"? to below-grade tank Closure of a p	Yes X No	<u></u>	
Operator Yates Petroleum Corporation Telephone 505-748-4500 e-ma Address 105 South 4 th Street, Artesia, N M 88210 Facility or well name Gretchen BHX Federal #1_API # 30-025-38159_U/L County Lea Latitude 33 49964 Longitude 103 4884 Surface Owner Federal [] State [] Private 🖾 Indian []	or Qtr/Qtr <u>N</u> Sec <u>29 T 9S</u> R NAD 1927 🛛 1983 🗍	34E		
Pit Type Drilling ☑ Production □ Disposal □ Work over □ Emergency □ Lined ☑ Unlined □ Liner type Synthetic ☑ Thickness 12 mil Clay □ Pit Volume 24000 bbl bbl □ □	Below-grade tank Volumebbl Type of fluid Construction material Double-walled, with leak detection? Yes [] If not, explain why not			
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) XXXX (0 points)		
Wellhead protection area (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources)	Yes No	(20 points) (0 points) XXXX		
Distance to surface water (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses)	Less than 200 feet 200 feet or more, but less than 1000 fe 1000 feet or more	(20 points) (10 points) (0 points) XXXX		
	Ranking Score (Total Points)	10) POINTS	
It this is a pit closure: (1) Attach a diagram of the facility showing the pit's relation in place) onsite of offsite In place) onsite of fishe If offsite, name of facility <u>NA</u> 4) Groundwater encountered No Yes If yes, show depth below ground s 5) Attach soil sample results and a diagram of sample locations and excavations Additional Comments Closure work plan for drilling pit The drilling pit contermit synthetic liner on former drilling pit site Drilling pit contents will then be evith a minimum of a 3' over lap of the underlying trench areas The encapsulat and 48 hour notice will be provided to the Oil Conservation Division before pit of Pit Closure actions to begin by NA Ending date NA	(3) Attach a general description of re urfaceft and attach samp ft will be mixed to stiffen the pit content emplaced into the encapsulation trench A ion trench will then be backfilled to grade	emedial action taken including remediat ole results s An encapsulation trench will be exca A 20 mil synthetic liner will then be plac	tion start date and end date ivated and lined with a 12 ced over the pit contents	
I hereby certify that the information above is true and complete to the best of my been/will be constructed or closed according to NMOCD guidelines, a g	knowledge and behef I further certify eneral permit 🛛, or an (attached) alt	that the above-described pit or belov ernative OCD-approved plan [].	w-grade tank has	

Date 04/25/2008

Printed Name/Title Mike Stubblefield / Environmental Regulatory Agent Signature Signature
Your certification and NMOCD approval of this application/closure does not relieve the operator of hability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations

Chie Usilian Signature CHRIS WILLIAMS/DIST. SUN Date 6/04/08 Approval Printed Name/Title

(1301 W Grand Avenue, Artesia, NM 88210 District III	State of Ne y Minerals and Oil Conservat 220 South St Santa Fe, N	l Natural Resources tion Division t. Francis Dr.	appropriate NM(Form C-144 June 1, 2004 Production facilities, submit to OCD District Office. n facilities, submit to Santa Fe		
Is nit or helow-g	rade tank cover	Cank Registration or ed by a "general plan"? grade tank Closure of a p	Yes 🛛 No 🗌	ik 🛛		
Operator Yates Petroleum Corporation Telephone 505-748-450 Address 105 South 4 th Street Artesia, N M 88210 Facility or well name Gretchen BHX Federal #1_API # 30-025-38 County Lea Latitude 33 49964 Surface Owner Federal State Private Indian	159_U/L or Qtr/Qtr : 103 4884NAI □	<u>N</u> Sec <u>29</u> T <u>9S</u> R D 1927 ⊠ 1983 []	34E			
Pit Type Dulling Ø Production □ Disposal □ Work over □ Emergency □ Lined Ø Unlined □ Liner type Synthetic Ø Thickness 12 mil Pit Volume 24000 bbl	Construction material Double-walled, with leak detect			ind		
Depth to ground water (vertical distance from bottom of pit to seasor water elevation of ground water)	hal high 50 fee	nan 50 feet t or more, but less than 100 fee et or more	el	(20 points) (10 points) XXXX (0 points)		
Wellhead protection area (Less than 200 feet from a private domest source, or less than 1000 feet from all other water sources)	nc water Yes No			(20 points) (0 points) XXXX		
Distance to surface water (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses)	us, 200 fe	han 200 feet et or more, but less than 1000 feet or more	fect	(20 points) (10 points) (0 points) XXXX		
	Ranki	ing Score (Total Points)		10 POINTS		
If this is a pit closure: (1) Attach a diagram of the facility showing the in place) onsite ⊠ offsite □ If offsite, name of facility <u>NA</u> (4) Groundwater encountered No □ Yes □ If yes, show depth beloces (5) Attach soil sample results and a diagram of sample locations and e Additional Comments Registration for encapsulation trench. The dr 12 mil synthetic liner on former drilling pit site. Drilling pit contents with a minimum of a 3' over lap of the underlying trench areas. The and 48 hour notice will be provided to the Oil Conservation Division. Pit Closure actions to begin by NA. Ending date NA	A (3) . ow ground surface excavations alling pit contents w s will then be empla e encapsulation trend n before pit closure a	Attach a general description of ft and attach sar ull be mixed to stiffen the pit c aced into the encapsulation tren ch will then be backfilled to gra	remedial action take mple results contents An encapsu nch A 20 mil synthe ade using a minimun	en including remediation start date and end date lation trench will be excavated and lined with a dic liner will then be placed over the pit contents		
I hereby certify that the information above is true and complete to th been/will be constructed or closed according to NMOCD guideli Date 04/25/2008 Printed Name/Title Mike Stubblefield / Environmental Regulatory A Your certification and NMOCD approval of this application/closure endanger public health or the environment Nor does it relieve the o	nes , a general	signature Signature Signature solution of hability should the solution of hability should the solution for compliance with an	e contents of the pit of ny other federal, state	oproved plan [].		
Approval Printed Name/Title	Signatu	re_CHRISWIC	HAMS	Date 0 4 / 88		

1625 N* French Dr., Hobbs, NM 88240 Energy Mine District II " Gil Cc 1301 W Grand Avenue, Artesia, NM 88210 Oil Cc District III 000 Rio Brazos Road, Aztec, NM 87410 1220 S District IV 1220 S St Francis Dr., Santa Fe, NM 87505 Sarrest Pit or Below-Grade ta	te of New Mexico erals and Natural Resources onservation Division South St. Francis Dr. hta Fe, NM 87505 Grade Tank Registration or ink covered by a "general plan"? nt or below-grade tank Closure of a provide tank Covere of	Yes No		
Operator Yates Petroleum Corporation Telephone _505-748-4500 Address 105 South 4 th Street, Artesia, N M 88210 Facility or well name Gretchen BHX Federal #1 API # 30-025-38159U/L County Lautude 33 49964 Longitude 103 488 Surface Owner Federal □ State □ Private ⊠ Indian □	or Qtr/Qtr <u>N</u> Sec <u>29</u> T <u>95</u> R	34E		
Pit Type Drilling Image: Production Image: Disposal Image: Dis	Below-grade tank Volumebbl Type of fluid Construction material Double-walled, with leak detection? Yes 🗌 If not, explain why not			
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) XXXX (0 points)		
Wellhead protection area (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources)	Yes No	(20 points) (0 points) XXXX		
Distance to surface water (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephémeral watercourses)	Less than 200 feet 200 feet or more, but less than 1000 f 1000 feet or more	eet (20 points) (10 points) (0 points) XXXX		
	Ranking Score (Total Points)	10 POINTS		
If this is a pit closure: (1) Attach a diagram of the facility showing the pit's rein place) onsite Ø offsite □ If offsite, name of facility	(3) Attach a general description of i d surfaceft and attach same isft and attach same ing pit contents will be mixed to stiffen the will then be emplaced into the encapsulation encapsulation trench will then be backfilled before pit closure actions begin 	emedial action taken including remediation start date and end date ple results pit contents An encapsulation trench will be excavated and lined in trench A 20 mil synthetic hner will then be placed over the pit ed to grade using a minimum of 3° of clean soil and like material A y that the above-described pit or below-grade tank has ternative OCD-approved plan .		
Printed Name/Title Mike Stubblefield / Environmental Regulatory Agent Your certification and NMOCD approval of this application/closure does not i endanger public health or the environment Nor does it relieve the operator of	relieve the operator of hability should the	contents of the pit or tank contaminate ground water or otherwise		
Approval Printed Name/Title <u>LHRIS WILLI AMS / DIST. SUM</u>	Signature this Well	Jeim Date 6/4/08		



April 10, 2008

-4.2-48610 52: Act th Branc Amerille Taxes 72(07 Phone 302 4676607 Fax: 306 467.0622

AUSTIN AUSTIN Guy Cout Building C 100 Aritan Abel: Texas 78004 Photo 512 980 3420 Photo 512,989,3407

MiDLAND #8 East Industrial Loop Midland Te⊬as 79701 Prione 432 522 2133 Fa₂ 4 32,522,2150

HEW BRAUNFELS 707 N Walbut Ave Sone 208 Nav Braunters Texas 79130 Phone 210 578 0223 For 210 578 0223

TUL34 9806 East 43at Street Street folsa, 01 74146 -46one 918 742 0870 Tax 913 742 0870

HOBBS 315 East Taylor Shock Hobbs, Not. Mittado 6224t Phone 605 393 4261 Fact 605 391 4053

ENVIRONNESTER CONSTRUCTION ENDINGERING CONSTRUCTION ERREPENCY RESPONSE

Tell Free 866 742 0742

Mr. Larry Johnson NMOCD District 10ffice 1625 N French Dr Hobbs, New Mexico 88240

Re: Temp Monitor Well - Final Report

Dear Mr. Johnson:

On April 3, 2008 Talon/LPE was contracted by Yates Petroleum Company to drill a temporary monitor well at the Gretchen "BHX" Federal 01 in Lea County, New Mexico to determine actual depth to water. Talon/LPE driller Gabe Perez drilled and set a temporary monitor well at GPS coordinates N33° 29' 59.1", W103° 29' 20.5" with Project Manager Shelly J. Tucker overseeing the drilling operations. The temporary monitor well was drilled to a depth of 70' and was allowed set for 120 hours before it was checked with a water level indicator.

On April 8, 2008 Shelly J. Tucker of Talon/LPE tested the well for water and found the well to be dry at 70'.

At this time Talon/LPE and Yates Petroleum Company are requesting that this information be accepted for official record and to adjust their site ranking accordingly. If you should have any questions please feel free to contact me at 505-706-9121 or 505-706-7234.

J

÷

i

Respectfully Submitted,

Shelly J. Tucker Project Manager Talon/LPE

Operator:Yates Petroleum CompanyLease Name:Gretchen "BHX" Federal 01Legal:Unit N Sec 29- T9S - R34E660'FSL & 1930' FWLAPI:30-025-38159



? •

!

•

WELL REPORT

All the		12 1 1 4 1 (14 8 8 1	W. C. B. C. S.	1997年の1994年1月		Sec.
	n Physical Address	S. S. A. S. Markey	City	Stat	e Zip	
ounty	CR-170 & CR		Tatum		NM 882	67
ea ODS Coord	nates					
titude		Longitude	and the second secon	GPS	Brand	
	29' 59.1"	103°	29' 20.5"			
	se of Well (Check On					
Monitor Wel		Soil Bo	ring		Other	
Drilling Date	S I I I I I I I I I I I I I I I I I I I			No. 10		88.j
tart Date		Completio	n Date			
	/3/2008		4	/3/2008		N
Diameter of	Hole	California Color	的影响影响			
iameter (inch		From (Fee	et)		Feet)	
	5 5/8"	0'		70'		
					Carles & Martin Street Street	6.0.0
) Drilling Met	hod (Check One)		(1) 和14名》为			
Air Rotary	Mud Rotary	$ \Box$ H S.A.			Other	27-98-S.
	II / Soil Boring Numbe					
/W # 1		SB #		a the second second	the second the second second	1.20
· · · · · · · · · · · · · · · · · · ·	Soil Description		n and color o	fformation	material	
From (Feet)	To (Feet)			Tornation	I IIIalenai	
0	30	White Ca				
30	70	Mix of (clay, gree	n-yellow	V	
· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		·····	
			····			
× ··=· × ·=····						
			- ···· ····			
			State State of State	and the second		25 76
	ompletion (Sanding il Gravel To (Feet)	Sand Size		1	is Used	
Gravel From	70		8/16		20	
25	Completion (Casing in	oformation		NH DE ST		
Screen From	Screen To (Feet)	Material	Diameter	Scr	een Slot Size	C
30	70	PVC	2"		0.010"	
Casing From	Casing To (Feet)	Material	Diameter	Cas	sing Schedule	
	30	PVC	2"		Sch 40	,
•	g Data					$\mathcal{I}_{\mathcal{I}}$
	From		То	Sac	ks and Materia	al
Surface Seal		ft.		ft.	NA	
Seal to Bent.	0	ft.		20 ft.	2 Bentonit	e
	elevelation	13) Water	Quality	1252 538		
A	elow ground surface		ater contain fi		° □Yes □	No
	15) Job #		16) Driller			6. (5. v.) 11. j.
	YATESP075			A CONTRACTOR OF	Perez	
			1	Sec. of a star of the Sec.	a Prantie With Markets M	li Kato
7) Owner	Information	Star Star Star Star	and the second	6.76	State State State State State	William .

