<u>District I</u> 1625 N French Dr , Hobbs, NM 88240 District II

1301 W Grand Avenue, Artesia, NM 88210

District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr , Santa Fe, NM 87505

NOTIFY OCD 24 HOURS prior to sampling <u>and</u> closure. Samples are to be obtained from pit area and analyses submitted to OCD prior to backfilling.



State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr Santa Fe, NM 87505

Form C-144 June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office For downstream facilities, submit to Santa Fe office

Is pit or below-grade t	w-Grade Tank Registration or Closure ank covered by a "general plan"? Yes ☒ No ☐ br below-grade tank ☐ Closure of a pit or below-gra	oda tamb			
Type of action Registration of a piro	or below-grade tank Closure of a pit or below-gra	DEC 1 4 2007			
Operator Yates Petroleum Corporation Telephone 505-748-4500 e	4 - 1				
Address <u>105 South 4th Street</u> , <u>Artesia, N.M. 88210</u>		OCD-ARTESIA			
Facility or well name Pigskin State Unit #1 API # 30-005-	63943 U/L or Qtr/Qtr B Sec 14	T <u>12 S</u> R <u>26 E</u>			
County Chaves Latitude 33 28307 Longitude	e <u>104 30668</u> NAD 1927 ⊠ 1983 □				
Surface Owner Federal ☐ State ☒ Private ☐ Indian ☐					
<u>Pit</u>	it Below-grade tank				
Type Drilling A Production Disposal D	Volume bbl Type of fluid				
Work over ☐ Emergency ☐	Construction material				
Lined ☑ Unlined □	Double-walled, with leak detection? Yes If no				
Liner type Synthetic Thickness 12 mil Clay		•			
Pit Volume <u>24000</u> <u>bbl</u>					
	Less than 50 feet	(20 points) XXXX			
Depth to ground water (vertical distance from bottom of pit to seasonal					
high water elevation of ground water)	50 feet or more, but less than 100 feet	(10 points)			
	100 feet or more	(0 points)			
Wellhead protection area (Less than 200 feet from a private domestic	Yes	(20 points)			
water source, or less than 1000 feet from all other water sources)	No	(0 points) XXXX			
water source, or less than 1000 feet from an other water sources)	I	,			
Distance to surface water (horizontal distance to all wetlands, playas,	Less than 200 feet	(20 points)			
irrigation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points)			
,	1000 feet or more	(0 points) XXXX			
	Ranking Score (Total Points)	20 points			
If this is a pit closure: (1) Attach a diagram of the facility showing the pit's	relationship to other equipment and tanks (2) Indic.	ate disposal location (check the onsite box if you			
are burying in place) onsite 🗵 offsite 🔲 If offsite, name of facility					
date and end date (4) Groundwater encountered. No \(\sigma\) Yes \(\sigma\) If yes, sho	·				
		attach sample results			
(5) Attach soil sample results and a diagram of sample locations and excavat	ions	· · · · · · · · · · · · · · · · · · ·			
Additional Comments Closure work plan for drilling pit An encapsulation	trench will be constructed and lined with 12 mil syn	thetic liner next to existing drilling pit. The			
drilling pit contents will be excavated and emplaced into the encapsulation	trench using a mixture of eight to one pit material and	d Class H bulk cement or CKD The emulsion			
of pit material and cement will be mixed using a track hoe and water added if needed. After completion of solidifying pit material in cement and pit contents have set in place					
for a minimum of 24 hours, the encapsulation trench will then be capped u	ising a 20 mil synthetic liner placed over the pit conto	ents with a minimum of a 3' over lap of the			
underlying trench areas The trench will then be backfilled to grade using a	a minimum of 3' of clean soil or like material A one	call and 48 hour notification to OCD will be			
made before pit closure action begins Beginning pit closure date. N/A End					
See attached sampling and closure data	Solid	Gication Clusure			
I hereby certify that the information above is true and complete to the best has been/will be constructed or closed according to NMOCD guidelines					
Date 12/10/2007					
Printed Name/Title Mike Stubblefield / Environmental Regulatory Agent	Signature Transfil	soldiele			
Your certification and NMOCD approval of this application/closure does n otherwise endanger public health or the environment. Nor does it relieve the regulations	ot relieve the operator of liability should the contents ne operator of its responsibility for compliance with a	of the pit or tank contaminate ground water or ny other federal, state, or local laws and/or			
	J. 1.1				
Approval	Signed By Mile Ban				
Printed Name/Title	Signature	Date.			

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PRIOR to lining trench.

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St Francis Dr Santa Fe, NM 87505 Form C-144 June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action. Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

		DEC 14 2007
Operator Yates Petroleum Corporation Telephone 505-748-4500 Address 105 South 4th Street, Artesia, N.M. 88210	e-mail address: mikes@ypcnm com	OCD-ARTESIA
Facility or well name Pigskin State Unit #1 API # 30-005-	63043 II/I or Otr/Otr R Sec. 14	T 125 P 26 E
County Chaves Latitude 33 28307 Longitude		1 125 R 20 E
Surface Owner Federal State Private Indian	1727 MAD 1727 M 1703	
Pit	Below-grade tank	
Type Drilling 🛛 Production 🗌 Disposal 🗍	Volumebbl Type of fluid	
Work over ☐ Emergency ☐	Construction material	
Lined 🛮 Unlined 🗌	Double-walled, with leak detection? Yes If not	, explain why not
Liner type Synthetic ☑ Thickness <u>12</u> mil Clay ☐		
Pit Volume <u>24000</u> <u>bbl</u>		
Depth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 feet	(20 points) XXXX
high water elevation of ground water)	50 feet or more, but less than 100 feet	(10 points)
	100 feet or more	(0 points)
Wellhead protection area. (Less than 200 feet from a private domestic	Yes	(20 points)
water source, or less than 1000 feet from all other water sources)	No	(0 points) XXXX
	Less than 200 feet	(20 points)
Distance to surface water (horizontal distance to all wetlands, playas,	200 feet or more, but less than 1000 feet	(10 points)
irrigation canals, ditches, and perennial and ephemeral watercourses)	1000 feet or more	(0 points) XXXX
this is a pit closure: (1) Attach a diagram of the facility showing the pit's e burying in place) onsite \(\text{\substack} \) offsite \(\text{\substack} \) If offsite, name of facility \(\text{\substack} \)	Ranking Score (Total Points) s relationship to other equipment and tanks (2) Indica	20 points te disposal location (check the onsite box if
this is a pit closure: (1) Attach a diagram of the facility showing the pit's e burying in place) onsite offsite for If offsite, name of facility te and end date (4) Groundwater encountered No Yes fit yes, shown Attach soil sample results and a diagram of sample locations and excavations.	Ranking Score (Total Points) s relationship to other equipment and tanks (2) Indica NA . (3) Attach a general description of a ow depth below ground surfaceft and nons	20 points ate disposal location (check the onsite box if remedial action taken including remediation statach sample results
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New Mexico Office of the State Engineer POD Reports and Downloads

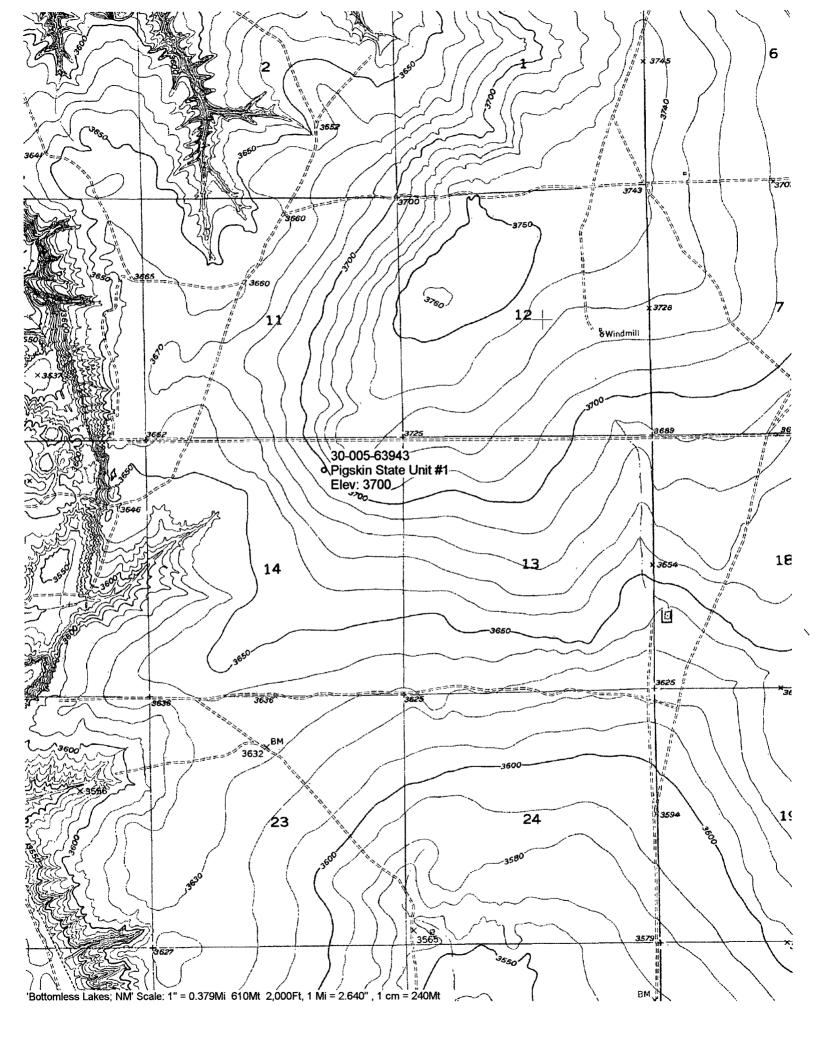
AGSKIN 30	STATE	#TINU.
·30-	-005-	63943

1 OD Reports and Downroads	<u> 30-005-6394</u>
Township: 128 Range: 26E Sections:	
NAD27 X: Y: Zone: Search Radius	:
County: Basin: Number:	Suffix:
Owner Name: (First) (Last) Onn-Domestic	ODomestic @ All
POD / Surface Data Report Avg Depth to Water Report Water	er Column Report
Clear Form iWATERS Menu Help	

AVERAGE DEPTH OF WATER REPORT 12/07/2007

		•					(nebcu	Macer III	reet)
Bsn	Tws	Rng Sec	Zone	x	Y	Wells	Min	Max	Avg
RA	12S	26E 03				2	35	47	41
RA	12S	26E 05				1	6	6	6
RA	12S	26E 07				4	26	32	30
RA	12S	26E 08				5	26	45	33
RA	12S	26E 10				1	68	68	68
RA	12S	26E 12				1	130	130	130
RA	12S	26E 15				1	52	52	52
RA	12S	26E 17				4	18	40	28
RA	12S	26E 18				20	20	105	49
RA	12S	26E 19				5	35	80	55
RA	12S	26E 20				10	15	50	26
RA	12S	26E 21				1	15	15	15
RA	12S	26E 25				. 1	124	124	124
RA	12S	26E 28				1	12	12	12
RA	12S	26E 29				5	19	30	26
RA	12S	26E 30				1	46	46	46
RA	12S	26E 31				7	20	50	41
RA	125	26E 32				5	10	60	35

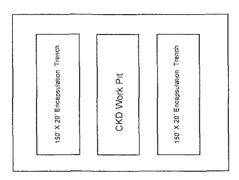
Record Count: 75



YATES PETROLEUM CORPORATION

Reserve Pit Solidification Procedure

1. Diagram of deep burial trench(s) is provided with application for closure (form C-144)



Reserve pit 150' x 150'

2. Solidification of Cuttings:

- (A) The cuttings will be mixed with a track hoe. Contents will be lifted and dropped so as to create a stirring process. This process will continue until CKD and pit contents are thoroughly bonded.
- (B) The solidification material will be Cement Kiln Dust (CKD).
- (C) CKD to pit contents ratio will be 1 yard of pit contents to 250 lbs. of CKD or 1,000 cubic yards of pit contents to 120 tons of CKD. Pit contents will be measured to determine actual volume (length x width x depth /27). CKD is weighed and delivered to the site in 40,000 lb increments.
 - A 1,200 cubic yard work pit is constructed inside the original reserve pit beside the encapsulation/solidification trench. One thousand cubic yards of pit contents will be placed in the work trench along with six 20 ton loads of CKD to begin the mixing process.
- (D) Fresh water may be introduced to initiate the bonding process of CKD and pit contents.
- (E) In order to assure proper mixing, all CKD is precisely weighed before delivery and pit construction is measured to a predetermined need depending on exact volume of pit contents.
- 3. A minimum of three representative samples will be taken from pit contents prior to any work. These samples will be stored in closed containers.

- 4. Each stage being mixed will be sampled prior to transferring the slurry to the deep trench as follows:
 - (A) One sample of the slurry will be taken at the beginning of the transference and stored in a closed container.
 - (B) One sample of the slurry will be taken at the beginning of the transference and stored in an open container.
 - (C) One sample of the slurry will be taken at the end of the transference and stored in a closed container.
 - (D) One sample of the slurry will be taken at the end of the transference and stored in an open container.
- 5. All samples will be stored in environmentally approved containers.
- 6. All samples and associated paperwork will be delivered to the OCD office within 3 working days of closure.