District I
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

State of New Mexico Energy Minerals and Natural Resources

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

Form C-144 March 12, 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 tank	de Tank Registration or Closur k covered by a "general plan"? Yes No lobelow-grade tank Closure of a pit or below-grade	X
Address: P.O. Box 140907, Irving, Tx 75014-0907 Facility or well name: Wigeon 23 Federal Com # 2 API #: 30-015-3	72_443_6489c-mail address: zfarris@magnumhunter 3684U/L or Qtr/Qtr_H _ Sec_23T_25	S R 26E
County: Eddy Latitude 320707.81 N Longitude 10415	30.97 W NAD: 1927 ▼ 1983 Surface Ow	ner Federal 🗌 State 🗍 Private 🗍 Indian 🗍
Pit [ype: Drilling N Production Disposal Workover Emergency Lined N Unlined Liner type: Synthetic N Thickness 12 mil Clay Volume	Below-grade tank Volume:bbl Type of fluid: Construction material: Double-walled, with leak detection? Yes If not	
bbl	V	[(20 1 - 1)
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) >73' See water well record	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (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)
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 feet 1000 feet or more	(20 points) (10 points) 0 points
	Ranking Score (Total Points)	-0-
If this is a pit closure: (1) attach a diagram of the facility showing the pit's		•
onsite offsite If offsite, name of facility	(3) Attach a general description of remedial acti	on taken including remediation start date and en
date. (4) Groundwater encountered: No X Yes I If yes, show depth belo	ow ground surfaceft. and attach sampl	e results. (5) Attach soil sample results and a
diagram of sample locations and excavations. Pit will be closed in according to the constructed or closed according to NMOCD guidelines 2, a pate: 4-25-06 Printed Name/Title Zeno Farris Manager Operations Administration Your certification and NMOCD approval of this application/closure does not otherwise endanger public health or the environment. Nor does it relieve the regulations.	general permit, or an (attached) alternative Of Signature	above-described pit or below-grade tank has CD-approved plan □. the pit or tank contaminate ground water or
Approval: MAY 0 4 2006 Date:	120	
Printed Name/Title	Signature	

Surface Pit Closure Plan

Pit Parameters

Well site: Wigeon 23 Federal Com #2

Legal Description: 1350FNL, 1300FEL

Section 23 25S 26 E

Eddy County, New Mexico

The reserve pit insitu on this leasehold is being permitted to close as per New Mexico OCD "Pit and Below Grade Tank Guidelines" dated November 1, 2004.

This pit was excavated and formed to the dimensions roughly 120 feet x 115 feet x 6 feet deep. A 12 mil membrane liner and pad was used to prevent leakage to the surface soils. A visual examination of the membrane liner indicates that the liner has maintained its integrity.

The well bore penetrated a salt/anhydrite section causing the drilling fluid to saturate to a concentration weight of > 9.5 ppg.

After the drilling and completion phase of this project, the water phase of the pit contents were pumped and hauled to an approved water injection facility. The remaining solids were mechanically pulled to the corners of the containment area to allow them to dry and leach out as much liquid phase as possible. Again these liquids we hauled to an approved water injection facility. It is estimated that the volume of solids remaining are to +/- 1900 yards. The burial cell is to

be excavated and lined with a minimum 12 mil membrane that complies with ASTM Standard(s): D 5747, D 5199, D-5994, and D-4833. The cuttings will be loaded as to allow for > 36" freeboard to ground level. After the cuttings are loaded, the 12 mil liner will be folded over the top. A 20 mil minimum thickness liner meeting the minimum requirements as outlined in ASTM Standard Methods: D-5747, D-5199, D-5994, D-4833; will be used to cap and cover to an extended area that exceeds three feet in all directions from the edge of the burial cell. This cap will be constructed as to slope and allow for water runoff from burial cell.

A minimum of 36" of top soil will be used to cover the burial cell. This soil must be capable of supporting native plant growth. A seed mixture will be used as to conform to local BLM as well as New Mexico OCD requirements. The seeding and propagation of required native plants will be monitored as to insure that growth is reestablished.

After the drilled solids are buried, the natural contour of the surrounding soils will be mechanically shaped as prevent erosion of the well site until vegetation is established.

The caliches and soils will be pulled from the well site pad to allow for a 200 X 300 pad dimension for production use. The remaining materials will be used to maintain lease roads and other drill sites

File	Number:	

NEW MEXICO OFFICE OF THE STATE ENGINEER WELL RECORD

1. OWNER OF WELL	
Name: Gruy Petroleum Management Co.	Work Phone: 972-443-6489
Contact: Zeno Farris	Home Phone:
Contact: Zeno Farris Address: P.O. Box 140907	
City: Irving	State: TX Zip: 75014-0907
2. LOCATION OF WELL(A,B,C,or D required,E or F if know	
A1/41/41/4 Section: 23 Town	
in Eddy	Country:
B. X = feet, Y = Zone in the	feet, N.M. Coordinate System Grant.
U.S.G.S. Quad Map	
	. 404 . 45 . 00.07
C. Latitude: <u>32</u> d <u>07</u> m <u>07.81</u> s Longitu	de: 104 d 15 m 30.97 s
DEast (m), North (m), UTM	Zone 13, NAD (27 or 83)
E. Tract No, Map No of the	Hydrographic Survey
F. Lot No, Block No of Unit/Tract	
Subdivision recorded in	County.
G. Other:	
H. Give State Engineer File Number if existing well	
I. On land owned by (required): BML	
I. on take owned by (required).	
3. DRILLING CONTRACTOR	
License Number: WD-1456	
Name: White Drilling Company, Inc.	Work Phone: 325-893-2950
Agent: John W. White	Home Phone: 325-893-2950
Mailing Address: P.O. Box 906	<u> </u>
OL L	
City: Clyde	State: IX Zip: /9510
4. DRILLING RECORD: WIGEON 23 FED COM 2	
Drilling began: 3/21/06 ; Completed: 3/22/06	; Type tools: Air Rotary ;
Size of hole: 6 1/8 in.; Total depth of well: 73.0	
Completed well is: shallow (shallow, arte	esian);
Depth to water upon completion of well: Dry	ft.
File Number:	Trn Number:
Form, wr-20 nage 1 of 4	

					1	File Number	:		
·	1	NEW MEXIO		CE OF TH		ENGINEER	t		
. PRINCIPA	L WATER-	BEARING S	STRATA:	WIGEON 2	3 FED CO	M 2			
	Го	Thickness in feet	water-	=			Es	timated (GPM)	
	-								
Diameter (inches)	Pound per ft	s Threads	Top		Length (feet)		Shoe	Perfor From	ation To
2.0	Sch. 40 .020		63.0	73.0	63.0 10.0			63.0	73.0
Depth i	n Feet To	Hole Diameter 61/8	Sacks	Cubic Fo	nt	Method of		nent	
	0.0		6.0	1.997		nd Mix - cem			
Plug	Contract Addre	·ss:							
						Representat	•		
				State	Engineer	kepresentat	ive		

page 2 of 4

File Number:

Form: wr-20

Trn Number:

File	Number:	

NEW MEXICO OFFICE OF THE STATE ENGINEER WELL RECORD

9 LOG OF HOLE: WIGEON 23 FED COM 2

Depth in	feet To	Thickness in feet	Color and Type of Material Encountered
0.0	4.0	4.0	Reddish brown sandy clay.
4.0	7.0	3.0	Limestone.
7.0	13.0	6.0	Reddish brown sandy clay.
13.0	15.0	2.0	Tan & green silty shale.
15.0	16.0	1.0	Reddish brown silty shale.
16.0	17.0	1.0	Limestone
17.0	22.0	5.0	Reddish brown silty shale.
22.0	23.0	1.0	Limestone.
23.0	26.0	3.0	Reddish brown silty shale.
26.0	40.0	14.0	Tan silty shale.
40.0	45.0	5.0	Gray silty shale.
45.0	53.0	8.0	Caliche.
53.0	68.0	15.0	Limestone.
68.0	70.0	2.0	Tan silty shale.
70.0	73.0	3.0	Limestone.
			
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File Number:	Trn Number:	
Form - tur-20		

	File Number:
	NEW MEXICO OFFICE OF THE STATE ENGINEER WELL RECORD
-	ADDITIONAL STATEMENTS OR EXPLANATIONS: WIGEON 23 FED COM 2 Temporary well set to measure ground water then all casing pulled and plugged borehole.
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•	
	The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described
	hole.
	2/20/1/
	Driller (mm/dd/year)

Quad ____; FWL ____; Use ____; Location No.

page 4 of 4

File Number:

Form: wr-20

Trn Number: