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

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

Form C-144 March 12, 2004

Pit or Below-Gra	de Tank Registration or Closu	re
Is pit or below-grade tan	k covered by a "general plan"? Yes No	
Type of action: Registration of a pit o	r below-grade tank 🔲 Closure of a pit or below-gra	ade tank 🛛
Operator: Gruy Petroleum Management Co. Telephone: o	77.443.6480 e-mail address: zfarris@cimarex.com	
Address: P.O. Box 140907, Irving, Tx 75014-0907	1 <u>2-143-5489</u> 5 avaitable Emiliana iam	
	4193 U/L or Qtr/QtrL Sec.11 T2:	5S R26E
	03.52 W NAD: 1927 ▼ 1983 □ Surface O	
		
Pit	Below-grade tank	, , ,
<u>Type:</u> Drilling ▼ Production □ Disposal □	Volume:bbl Type of fluid:	
Workover ☐ Emergency ☐	Construction material:	_
Lined \(\) Unlined [Double-walled, with leak detection? Yes 🔲 If no	ot, explain why not.
Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Volume		
bbl		
Depth to ground water (vertical distance from bottom of pit to seasonal high	Less than 50 feet	(20 points)
water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points)
> 70' See water well record	100 feet or more	(0 points)
	Yes	(20 points)
Wellhead protection area: (Less than 200 feet from a private domestic	(No)	(O points)
water source, or less than 1000 feet from all other water sources.)		(C)
Distance to surface system (hostmants) distance to all surfaced a slave	Less than 200 feet	(20 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points)
angadun canats, unches, and perennial and epitemena watercourses.)	1000 feet or more	0 points
•	Ranking Score (Total Points)	-0-
If this is a pit closure: (1) attach a diagram of the facility showing the pit's	s relationship to other equipment and tanks. (2) India	cate disposal location:
onsite 🛛 offsite 🔲 If offsite, name of facility	(3) Attach a general description of remedial ac	ction taken including remediation start date and en
date. (4) Groundwater encountered: No X Yes I If yes, show depth bel	ow ground surfaceft. and attach samp	ple results. (5) Attach soil sample results and a
diagram of sample locations and excavations.	-	
I hereby certify that the information above is true and complete to the best of been/will be constructed or closed according to NMOCD guidelines	a general permit 🔲, or an (attached) alternative (OCD-approved plan □.
Printed Name/Title Zeno Farris Manager Operations Administration	Signature Zeno Fami	
Your certification and NMOCD approval of this application/closure does no otherwise endanger public health or the environment. Nor does it relieve the regulations.	t relieve the operator of liability should the contents of	of the pit or tank contaminate ground water or
Approval: MAY 0 4 2006	\sim)
Date:		f
Printed Name/Title	Signature	· · · · · · · · · · · · · · · · · · ·

MAY 0 4 2006

Surface Pit Closure Plan

Pit Parameters

Well site: Grynberg 11 Federal Com #3

Legal Description: 1500 FSL, 1300FWL

Section 11 25S 26E

111 4

Eddy County, New Mexico

30-015-34193

320827.99N

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 +/- 2500 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 Address: P.O. Box 140907	Home Phone:
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 known A1/41/4 Section: 11 Town in Eddy	
B. X =feet, Y =	
Zone in the	
U.S.G.S. Quad Map	
C Tobitudo. 32 d 08 m 2700 a Tongitud	lo. 404 a 46 m 02.52 a
C. Latitude: 32 d 08 m 27.99 s Longitud	
D. East (m), North (m), UTM	
E. Tract No, Map Noof the	Hydrographic Survey
F. Lot No, Block Noof Unit/Tract _	of the
Subdivision recorded in	County.
G. Other:	
H. Give State Engineer File Number if existing well:	
I. On land owned by (required): BML	
3. DRILLING CONTRACTOR	
License Number: WD-1456	
Name: White Drilling Company, Inc.	
Agent: John W. White	Home Phone: 325-893-2950
Mailing Address: P.O. Box 906	
City: Clyde	State: TX Zip: 79510
4. DRILLING RECORD: GRYNBERG 11 FED COM 3	
Drilling began: 3/21/06 ; Completed: 3/22/06	; Type tools: Air Rotary ;
Size of hole: 61/8 in.; Total depth of well: 70.0	
Completed well is: shallow (shallow, artes	
Depth to water upon completion of well: Dry	ft.
File Number:	Trn Number:
Form: wr-20 page 1 of 4	

Depth in From To	Feet 1	EARING S' Thickness in feet	Descri	GRYNBERG ption of bearing fo	11 FED CO	OM 3	Est	timated (GPM)	
									
RECORD OF									
Diameter	Pounds	Threads per in.		in Feet Bottom	Length (feet)	Type of	Shoe	Perfor From	ations To
2.0	Sch. 40 .020		0.0 60.0	60.0 70.0	60.0 10.0			60.0	70.0
RECORD OF	MUDDING	AND CEM	ENTING						
Depth in		Hole Diameter	Sacks of mud	Cubic Fe		Method of	Placem	ent	
	0.0 6		17.0		Ben	onite Pelle	ts		
10.0	0.0	1/8	6.0	1.997	Han	d Mix - cen	nent		
	Contracto	r:							
Plugging	Contracto Addres	s:							
Plugg	Contracto Addres	s: d:							
Plugging Plugg Date We	Contracto Addres ing Metho	s:d:d:							
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File Number:

	OBBTOR					
			J.	LITE	Number:	

NEW MEXICO OFFICE OF THE STATE ENGINEER WELL RECORD

9. LOG OF HOLE: GRYNBERG 11 FED COM 3

Depth in From		Thickness	Color and Type of Material Encountered
0.0	To 2.0	in feet 2.0	Caliche.
2.0	5.0	3.0	
5.0	8.0	3.0	Light brown sandy clay. Limestone.
8.0	18.0	10.0	Caliche.
18.0	24.0		
24.0	26.0	2.0	Limestone.
26.0	38.0		Reddish brown clay.
38.0	46.0	12.0 8.0	Limestone.
			Tan brown silty shale.
46.0	48.0	2.0	Limestone.
48.0	50.0	2.0	Light brown silty shale w/some gravel.
50.0	55.0	5.0	Tan brown silty shale w/some gravel.
55.0	70.0	15.0	Grayish white limestone.
			
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File	Number:		Trn Number:	
	Form: wr-20	page 3 of 4		

				Fi	le Number:	
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The undersign	ed hereby cer	tifies that	, to the best	of his knowledge and
belief, the f	oregoing is a	true and c	orrect record	of the above describ
hole.	\sim			
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