Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – *Other instructions on page 2.*

5 Lease Serial No.
NM-2511

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8 Well Name and No.
SEE ATTACHED LIST

2. Name of Operator
EnerVest Operating, LLC

9. API Well No
SEE ATTACHED LIST

3a. Address
1001 Fannin Street Ste 800
Houston, Texas 77002

3b. Phone No. *(include area code)*
713-495-6530

10. Field and Pool or Exploratory Area
SEE ATTACHED LIST

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
SEE ATTACHED LIST

11 Country or Parish, State
Lea, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other Well furnishing water for disposal
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

The attached list of wells are furnishing water for off lease disposal on BLM Lease NM-2511.

NM State Corporation Commission Permit # 2547982.

Included is information for the water disposal site and a water analysis report dated 12/8/2009.

ACCEPTED FOR RECORD
FEB 26 2010
/s/ JD Whitlock Jr
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

RECEIVED
MAR 03 2010
HOBBSOCD

SUBJECT TO LIKE APPROVAL BY STATE

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Shirley Galik

Title Sr. Regulatory Tech

Signature Shirley Galik

Date 01/25/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by EG 3/8/10

Title FIELD REPRESENTATIVE/STAFF MANAGER

Date MAR 08 2010

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U S C. Section 1001 and Title 43 U S C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

NM 2511

ENERVEST OPERATING LLC
BLM Well List for Eumont-Jal et al Area
Water Hauling

Lease Name	Well No	BLM Lease #	Legal Desc. UL	Sec	Twns	Rge	County	Field	Formation	Footage	A P I Number	Water Storage FG Tank (bbls)	Bbls Wtr/Day
Meyer B 27	1	NM 2511	E	27	20 S	37 E	Lea	Eumont	Yates-7Riv-Queen	1980' FNL & 660' FWL	30-025-06271	150	1
Meyer B 27	2	NM 2511	C	27	20 S	37 E	Lea	Eumont	Yates-7Riv-Queen	960' FNL & 1980' FWL	30-025-38139	300	1
Meyer B 27	3	NM 2511	D	27	20 S	37 E	Lea	Eumont	Yates-7Riv-Queen	660' FNL & 660' FWL	30-025-38763	300	2
Meyer B 28 A Com A/C2	2	NM 2511	O	28	20 S	37 E	Lea	Eumont	Yates-7Riv-Queen	660' FSL & 1980' FEL	30-025-06273	150	1
Meyer B 28 A Com A/C 2	4	NM 2511	I	28	20 S	37 E	Lea	Eumont	Yates-7Riv-Queen	1980' FSL & 660' FEL	30-025-37961	-	0
Meyer B 28 A Com A/C 2	5	NM 2511	A	33	20 S	37 E	Lea	Eumont	Yates-7Riv-Queen	660' FNL & 660' FEL	30-025-38365	300	2

Victory Energy Svc LLC (Primary)

DISPOSAL SITE:
Ruthco Oil LLC
Hobbs East San Andres SWD #104
UL F, Sec 30, T18S, R39E
1980' FNL & 2310' FWL
API 30-025-07950

Order R-3500

Fulco Trucking (Secondary)

DISPOSAL SITE:
Fulfer Oil & Cattle LLC
Brown #5 SWD, Order R-5196
UL E, Sec 25, T 25 S, R 36 E
1650' FNL & 990' FWL
API 30-025-09807

Order R-5196

Lobo Trucking (Backup)

DISPOSAL SITE:
J. Cooper Enterprises Inc.
Anderson #1 SWD, Order R-12375
UL O, Sec 8, T 20 S, R 37 E
330' FSL & 1980' FEL
API 30-025-29962

Order R-12375

Weatherford Engineered Chemistry
2263 West Bell St.
Odessa, TX 79766

Phone: (432) 368-8410
Fax: (432) 335-0618

WATER ANALYSIS REPORT

Company:	EnerVest Operating	**Lab ID Number:**	
Water Source:	Martin #4	**Date Sampled:**	6-30-09
Sample Point:		**Date Analyzed:**	7-01-09

Production Data: **BOPD:** **BWPD:** **MMCFD:**

pH:	6.40	Total Dissolved Solids (mg/L)	32,822
Dissolved H_2S	ND	Total Ionic Strength:	0.651
Dissolved CO_2:	468.0	Specific Gravity	1.027
Resistivity @ 75°F (Ohm-Meters):	0.21000	Density, (lbs/gal)	8.57

Cations	mg/L	Meq/L	Anions	mg/L	Meq/L
Calcium:	3,300	165	Carbonate:	780	13
Magnesium:	61	5	Bicarbonate:	967	16
Sodium:	9,024	392	Chloride:	19,200	541
Barium:	0		Sulfate:	270	6
Strontium:	0		Total Hardness:	8,500	
Ferrous Iron	0.0				
Total Dissolved Iron:	0.0				

PROBABLE MINERAL COMPOSITION

	mg/L	Meq/L
Calcium Bicarbonate:	1,285	16
Calcium Sulfate:	383	6
Calcium Chloride:	7,966	144
Magnesium Bicarbonate:	0	0
Magnesium Sulfate:	0	0
Magnesium Chloride:	237	5
Sodium Bicarbonate:	0	0
Sodium Sulfate:	0	0
Sodium Chloride:	22,936	392

Remarks

ND - not determined
Yates Seven Rivers Queens Formation

Hydro Pax

Analyst: _____

Weatherford Engineered Chemistry
2263 West Bell St
Odessa, TX 79766

Phone: (432) 368-8410
Fax: (432) 335-0618

SCALE DEPOSITION POTENTIAL ANALYSIS

Company:	EnerVest Operating	**Lab ID Number:**	
Water Source:	Martin #4	**Date Sampled:**	6-30-09
Sample Point:		**Date Analyzed:**	7-01-09

Brine Composition

pH:	6.40	Ca, mg/L	3,300	Total Hardness, mg/L:	8,500
Specific Gravity:	1.027	Mg, mg/L:	61	Total Dissolved Solids, mg/L:	32,822
HCO_3, mg/L	967	Na, mg/L	9,024	Total Ionic Strengh	0.651
Cl, mg/L	19,200	Ba, mg/L:	0		
SO_4, mg/L:	270	Sr, mg/L:	0	Total Dissolved Iron, mg/L:	0.0

Calcium Carbonate Scale Indices

Specified Temperatures

Temperature, °F:	75	100	125	150	40	180
Stiff-Davis Index:	0.17	0.49	0.85	1.28	-0.10	1.87
Deposition, lbs/1,000 Bbls:	196.9	371.9	462.9	516.1	-62.3	546.0

Calcium Sulfate Scale Indices

Specified Temperatures

Temperature, °F:	75	100	125	150	40	180
Supersaturation Ratio	0.192	0.191	0.193	0.200	0.194	0.208
Deposition, lbs/1,000 Bbls.	-563.1	-566.6	-561.3	-537.4	-555.5	-510.0

Barium Sulfate Scale Indices

Specified Temperatures

Temperature, °F:	75	100	125	150	40	180
Supersaturation Ratio	0.000	0.000	0.000	0.000	0.000	0.000
Deposition lbs/1,000 Bbls.	-0.2	-0.3	-0.4	-0.5	-0.1	-0.7

Hydro Pax

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Odessa, TX 79766

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SCALE DEPOSITION POTENTIAL TRENDS

Company:	EnerVest Operating	Lab ID Number:	
Water Source:	Martin #4	Date Sampled:	6-30-09
Sample Point:		Date Analyzed:	7-01-09