

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.**

5 Lease Serial No
NM-7486

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2

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

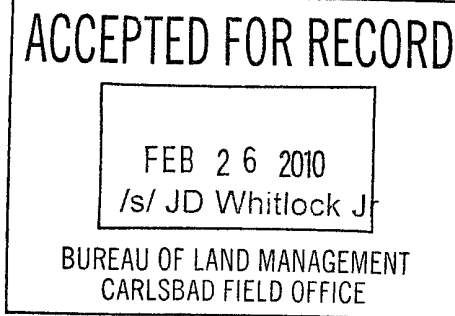
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Well furnishing water
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	for 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 recompleat 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 recompleat 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-7486.

NM State Corporation Commission Permit # 2547982.

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



**SUBJECT TO LIKE
APPROVAL BY STATE**

RECEIVED
MAR 03 2010
HOBBSOCD

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

ELG 3/8/10

Title

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

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-7486

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

Lease Name	Well No	BLM Lease #	UL	Legal Sec	Desc. Twns	Rge	County	Field	Formation	Footage	A P I Number	Water Storage FG Tank (bbls)	Bbls Wtr/Day
Jack A 20	9	NM 7486	A	20	24 S	37 E	Lea	Jalmat	Tansil-Yates-7Riv	660' FNL & 990' FEL	30-025-24803	150	0
Jack A 20	10	NM 7486	O	20	24 S	37 E	Lea	Jalmat	Tansil-Yates-7Riv	760' FSL & 1880' FEL	30-025-24789	300	2
Jack A 20	11	NM 7486	J	20	24 S	37 E	Lea	Jalmat	Tansil-Yates-7Riv	2180' FSL & 1980' FEL	30-025-30703	250	16

If hauled by Phoenix Trucking (Primary) or Fulco (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 - inject into lower Yates-Seven Rivers formation

If hauled by 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 - inject into lower San Andres and Glorieta Formation

Weatherford Engineered Chemistry2263 West Bell St
Odessa, TX 79766

Phone (432) 368-8410

Fax (432) 335-0618

WATER ANALYSIS REPORT**Company:** EnerVest Operating
Water Source: Wells Federal B-6 #1
Sample Point:**Lab ID Number:**
Date Sampled: 12-07-09
Date Analyzed: 12-08-09**Production Data:****BOPD:****BWPD:****MMCFD:**

pH	7.20	Total Dissolved Solids (mg/L)	94,503
Dissolved H ₂ S	ND	Total Ionic Strength	1.960
Dissolved CO ₂	224.0	Specific Gravity	1.048
Resistivity @ 75°F (Ohm-Meters)	0.07600	Density (lbs/gal)	8.74

Cations	mg/L	Meq/L	Anions	mg/L	Meq/L
Calcium	1,600	80	Carbonate	1,120	19
Magnesium	5,540	454	Bicarbonate	1,389	23
Sodium	26,598	1,156	Chloride	59,200	1,668
Barium	165		Sulfate	10	0
Strontium	0		Total Hardness	26,800	
Ferrous Iron	0.0				
Total Dissolved Iron	0.0				


PROBABLE MINERAL COMPOSITION

	mg/L	Meq/L
Calcium Bicarbonate:	1,845	23
Calcium Sulfate:	14	0
Calcium Chloride:	3,165	57
Magnesium Bicarbonate:	0	0
Magnesium Sulfate:	0	0
Magnesium Chloride:	21,626	454
Sodium Bicarbonate:	0	0
Sodium Sulfate:	0	0
Sodium Chloride:	67,606	1,156

Remarks

ND - not determined

Tansil Seven Rivers Queens Formation

Hydro  *Pac*

Analyst: _____

Weatherford Engineered Chemistry

2263 West Bell St
Odessa, TX 79760

Phone (432) 368-8410

Fax: (432) 335-0618

SCALE DEPOSITION POTENTIAL ANALYSIS

Company: EnerVest Operating
Water Source: Wells Federal B-6 #1
Sample Point:

Lab ID Number:
Date Sampled: 12-07-09
Date Analyzed: 12-08-09

Brine Composition

pH	7.20	Ca, mg/L	1,600	Total Hardness, mg/L	26,800
Specific Gravity	1.048	Mg, mg/L	5,540	Total Dissolved Solids, mg/L	94,503
HCO ₃ , mg/L	1,389	Na, mg/L	26,598	Total Ionic Strength	1,960
Cl, mg/L	59,200	Ba, mg/L	165		
SO ₄ , mg/L	10	Si, 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	0.78	1.06	1.42	1.90	0.50	2.50
Deposition, lbs/1,000 Bbls	562.8	657.5	731.0	773.3	420.0	790.7

Calcium Sulfate Scale Indices

Specified Temperatures

Temperature, °F:	75	100	125	150	180
Supersaturation Ratio	0.003	0.003	0.003	0.003	0.003
Deposition, lbs/1,000 Bbls	-1,731.2	-1,726.6	-1,704.3	-1,680.6	-1,656.0

Barium Sulfate Scale Indices

Specified Temperatures

Temperature, °F	75	100	125	150	40	180
Supersaturation Ratio	7.505	5.363	3.886	2.753	13.066	1.885
Deposition, lbs/1,000 Bbls	7.4	6.9	6.3	5.4	7.9	4.0

Hydro  *Pac*

Weatherford Engineered Chemistry

2263 West Bell St
Odessa, TX 79766

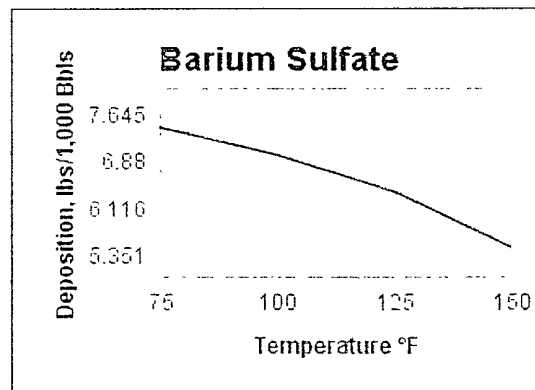
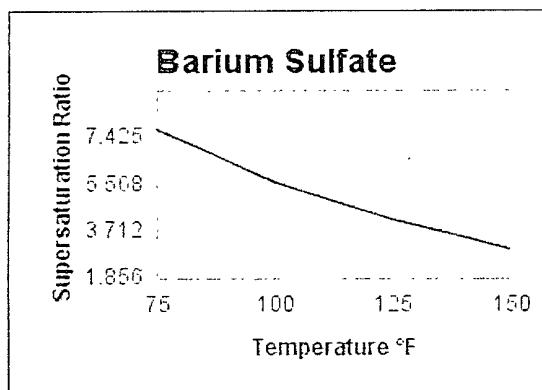
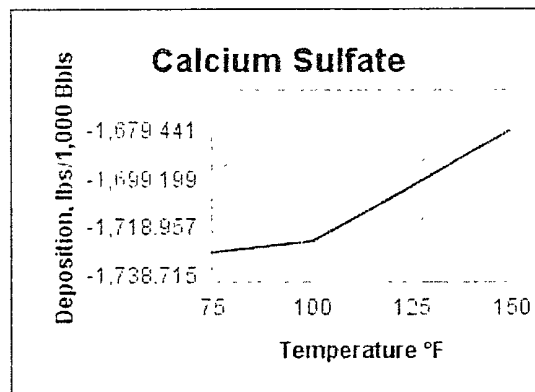
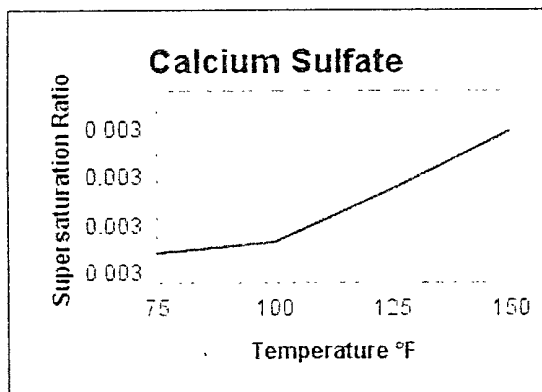
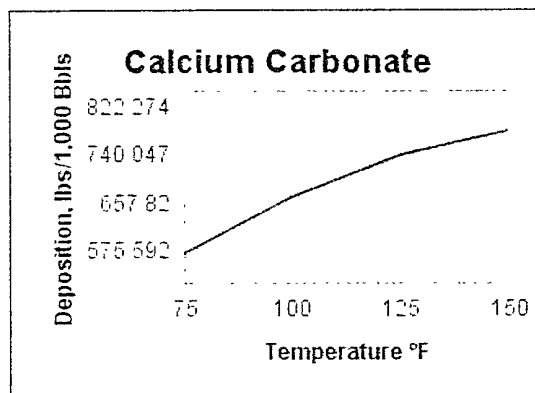
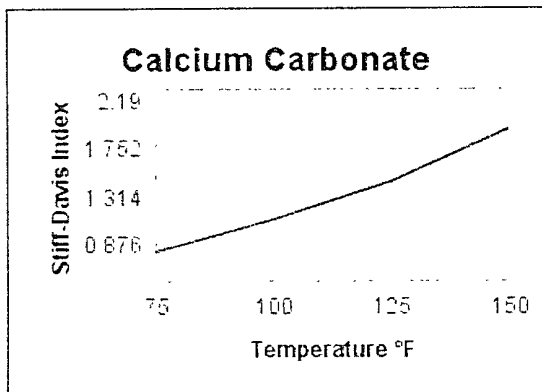
Phone (432) 368-8410

Fax (432) 335-0618

SCALE DEPOSITION POTENTIAL TRENDS

Company: EnerVest Operating
Water Source: Wells Federal B-6 #1
Sample Point:

Lab ID Number:
Date Sampled: 12-07-09
Date Analyzed: 12-08-09



Hydro  Pax