

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED

OMB No. 1004-0337

Expires July 1, 2010

RECEIVED

DEC 21 2009

NMOCD ARTESIA

**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.**

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

EnerVest Operating, L.L.C.

## 3a. Address

1001 Fannin, Suite 800  
Houston, Tx 77002-6707

## 3b. Phone No. (include area code)

713-465-1514

## 4. Location of Well (Footage, Sec., T, R., M., or Survey Description)

1360' FSL & 1405' FWL Unit K  
Sec. 12, T18S - R29E

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

## 8. Well Name and No.

WLH G4S Unit #43

## 9. API Well No.

30-015-37028

## 10. Field and Pool or Exploratory Area

Loco Hills;Qu-GB-SA

## 11. Country or Parish, State

Eddy County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 <u>Drill New Well</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleate 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 recompleation 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.)

11/09/09 MIRU Rig United #33 and spud well. (Notified Terry w/BLM of intent to spud)  
Drilled 40 - 420' (Notified BLM of intent to run csg & cmt) Run 10 jts 8-5/8" 24# J-55 casing and set @ 416'.  
Cmt using 125 sks of Thixotropic CMT, 10# gilsonite, 10# calsea, 2% CaC, .125# Polyflake. Tail w/275 sks Premium Plus, 2% CaCl.  
Did not circulate cement.  
RU wireline and run temp logs. TOC @ 100'. Performed 1 top-off jobs between 12-1/4 and 8-5/8 csg thru 1" pipe until cement was circulated to surface with a total of 100 sks cmt.  
11/09/09 Nipple up BOP and test csg - ok. Continue drilling and run drilling deviation survey (attached).  
11/14/09 TD well @ 2811'.  
Run open hole logs. Circulate hole. Notified Terry w/BLM of intent to run csg and cement.  
RU and ran 74 jts of 5-1/2" 15.5# J-55 casing, set @ 2800' and cement. Lead 300 sks interfill C, 2% CaC, 3# Gilsonite, .125 Polyflake. Trail 200 sks Premium Plus, .5% Halad, 3# Gilsonite, .125 Polyflake. Circulate 140 sxs to pits.  
11/15/06 Rig release.

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

Shirley Galik

Title Sr. Regulatory Tech

Signature

Date 12/08/2009

ACCEPTED FOR RECORD

DEC 16 2009  
/s/ Myles KristofBUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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)

# END OF WELL SCHEMATIC

Well Name: WLH GS4 Unit 43  
API #: 30-015-37028

Spud Date: 9-Nov-09

Rig Release Date: 15-Nov-09  
Rig RKB (ft): 12 00

**FILL IN ALL BLANKS  
ON FORM**

**Surface Casing** Date set 11/9/2009  
Size 8 5/8 in  
Set at 416 ft  
Wt. 24 ppf Grade J-55  
Hole Size 12 1/4 in  
Wash Out \_\_\_\_\_ %  
Est. T.O.C. Surface ft

☒ New  
☐ Used

Csg Shoe @ 416 ft

**Intermediate Casing** Date set \_\_\_\_\_  
Size \_\_\_\_\_ in  
Wt. \_\_\_\_\_ ppf Grade \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ ft  
Wt. \_\_\_\_\_ ppf Grade \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ ft  
Hole Size \_\_\_\_\_ in  
Wash Out \_\_\_\_\_ % Est. T O C \_\_\_\_\_ ft

☐ New  
☐ Used

Csg Shoe @ 0 ft

**Production Casing** Date set 11/14/2009  
Size 5 1/2" in  
Wt. 15.5 ppf Grade J-55 from Surface to 2800 ft  
Wt. \_\_\_\_\_ ppf Grade \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ ft  
PBTD 2758 ft (top of Float Collar)  
Hole Size 7 7/8 in Wash Out: 30 %  
Est T.O.C. Surface ft  
Marker Jt. Top \_\_\_\_\_ ft Length: \_\_\_\_\_ ft

☒ New  
☐ Used

Csg Shoe @ 2800 ft

**Cement** Date cmt'd: \_\_\_\_\_  
Lead : 125 sks of Thixotropic CMT, 10#  
Gilsonite, 10# calseal, 2% Calcium Chlorid  
Chloride .125 # Polyflake. 14 2 PPG  
Tail . 275 sks Premium Plus, 2% CaCl  
14 8 PPG  
Note : 1 1" jobs to get cement to Surface  
Shoe Test: \_\_\_\_\_ EMW  
W.O.C. for 22.4 hrs (plug bump to drlg cmt)

**Cement** Date cmt'd: \_\_\_\_\_  
Lead : \_\_\_\_\_  
Tail : \_\_\_\_\_  
Note : \_\_\_\_\_

Mud Wt. = \_\_\_\_\_ ppg @ TD  
Shoe Test : \_\_\_\_\_ EMW  
W O.C. for \_\_\_\_\_ hrs (plug bump to drlg cmt)

**Cement** Date cmt'd: \_\_\_\_\_  
Lead : 300 sks Interfill C, 2% CaC, 3 #  
Gilsonite, 125 Polyflake  
Tail : 200 sks Premium Plus, 5%  
Halad, 3# Gilsonite, .125 Polyflake  
Note : \_\_\_\_\_  
Displacement Fluid: Fresh Water

Mud Wt. = 10 ppg @ TD

2811'  
TD @ 2800 ft

WELL NAME AND NUMBER **WLH G4S Unit #43**

LOCATION **Section 12, T18S, R29E, 1360 FSL, 1405 FWL, Eddy County**

OPERATOR **Enervest Ltd.**

DRILLING CONTRACTOR **United Drilling, Inc.**

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation test and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1 @ 420'		
3/4 @ 705'		
1 @ 1117'		
1 @ 1523'		
1/2 @ 1902'		
1/4 @ 2307'		
1/4 @ 2717'		

Drilling Contractor- **UNITED DRILLING, INC.**

By: *Luisa Noriega*  
(Luisa Noriega)

Title: Assistant Office Manager

Subscribed and sworn to before me this 16<sup>th</sup> day of November 2009.

*Carline M. Martin*  
Notary Public  
*Charles New Mexico*  
County State

My Commission Expires: 10-8-12

*nmr*