

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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.  
LC-060904

6 If Indian, Allottee or Tribe Name

RECEIVED

DEC 21 2009

OCD-ARTESIA

**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.

7 If Unit of CA/Agreement, Name and APN

8. Well Name and No.  
WLH G4S Unit #40

9. API Well No.  
30-015-37024

3a. Address

1001 Fannin, Suite 800  
Houston, Tx 77002-6707

3b. Phone No. (include area code)

713-465-1514

10. Field and Pool or Exploratory Area  
Loco Hills;Qu-GB-SA

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

2628' FSL & 1330' FWL Unit K  
Sec. 12, T18S - R29E

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 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.)

10/05/09 MIRU Rig United #33 and spud well. (Notified Terry w/BLM of intent to spud)  
10/06/09 Drilled 40' - 401' (Notified BLM of intent to run csg & cmt) Run 9 jts 8-5/8" 23# J-55 casing and set @ 397'.  
Cmt using 150 sks of Thixotropic CMT, 10# gilsonite, 10# calsea, 2% CaC, .125# Polyflake. Tail w/275 sks Premium Plus, 2% CaCl.  
Did not circulate cement.  
10/07/09 RU wireline and run temp logs. TOC @ 91'. Performed 12 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 530 sks cmt.  
10/09/09 Nipple up BOP and test. Tag cmt @ 290', drill cmt & plug. Continue drilling.  
10/13/09 TD well @ 2800'.  
10/14/09 Run open hole logs. Circulate hole. Notified Terry w/BLM of intent to run csg and cement.  
RU and ran 66 jts of 5-1/2" casing, set @ 2792' 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 25 bbls/54 sacks to pit.  
Release rig @ 1:30 pm.

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

Shirley Galik

Title Sr. Regulatory Tech

Signature

*Shirley Galik*

Date 12/08/2009

ACCEPTED FOR RECORD  
DEC 16 2009  
/s/ Myles Kristof  
BUREAU 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 a 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 40  
API #: 30-015-37024

Spud Date: 5-Oct-09

Rig Release Date: 14-Oct-09  
Rig RKB (ft): 13 00

**FILL IN ALL BLANKS  
ON FORM**

**Surface Casing** Date set 10/5/2009  
Size 8 5/8 in  
Set at 396 65 ft  
Wt. 23 ppf Grade J-55  
Hole Size 12 1/4 in  
Wash Out \_\_\_\_\_ %  
Est. T.O.C. Surface ft

☒ New  
☐ Used

Csg Shoe @ 396 7 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

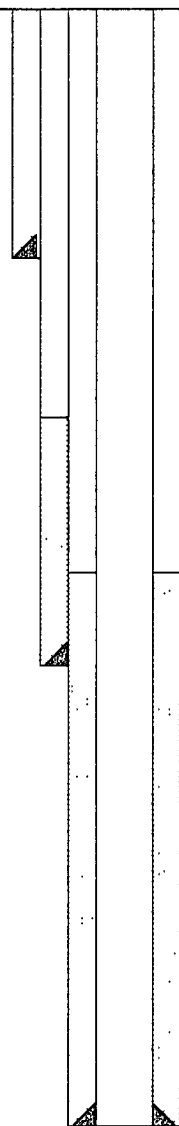
☐ New  
☐ Used

Csg Shoe @ 0 ft

**Production Casing** Date set 10/14/2009  
Size 5 1/2" in  
Wt. 15 5 ppf Grade J-55 from Surface to 2792 ft  
Wt. \_\_\_\_\_ ppf Grade \_\_\_\_\_ from \_\_\_\_\_ to \_\_\_\_\_ ft  
PBTD 2749 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 @ 2792 ft



TD @ 2 800 ft

**Cement** Date cmt'd: \_\_\_\_\_  
Lead : 150 sks of Thixotropic CMT, 10#  
gilsonite, 10# calseal, 2% Calcium Chloride  
Chorlide .125 # Polyflake. 14 2 PPG  
Tail : 275 sks Premium Plus, 2% CaCl  
14 8 PPG  
Note . 12 1" jobs to get cement to Surface  
Shoe Test: \_\_\_\_\_ EMW  
W.O.C. for 37.5 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