

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

RECEIVED

FORM APPROVED
OMB No. 1004-0157
Expires: July 31, 2010

DEC 21 2009
NMOC D 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)
660' FSL & 1980' FWL Unit N
Sec. 12, T18S - R29E

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

8 Well Name and No.
WLH G4S Unit #45

9 API Well No.
30-015-37025

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 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.)

10/23/09 MIRU Rig United #33 and spud well. (Notified Terry w/BLM of intent to spud)
10/24/09 Drill 40' - 420' (Notified BLM of intent to run csg & cmt) Run 10 jts 8-5/8" 24# J-55 casing and set @ 419'.
Cmt using 150 sks of Thixotropic CMT, 10# gilsonite, 10# calsea, 2% CaCl, .125# Polyflake. Tail w/275 sks Premium Plus, 2% CaCl.
RU wireline and run temp logs. TOC @ 195'. Performed 2 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 120 sks cmt.
Nipple up BOP and test. Test csg to 570#. Continue drilling and run drilling deviation survey (attached).
10/29/09 TD well @ 2800'.
Notified Terry w/BLM of intent to run csg and cement.
RU and ran 67 jts of 4-1/2" 10.5 J-55 casing, set @ 2785' and cement. Lead 350 sks in interval of 2% CaCl, 3# Gilsonite,
.125 Polyflake. Trail 225 sks Premium Plus, .5% Halad, 3# Gilsonite, .125 Polyflake.
10/30/09 Release rig @ 23:30.

ACCEPTED FOR RECORD
DEC 16 2009
/s/ Myles Kristof
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

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)

MR

WELL NAME AND NUMBER WLH G4S Unit #45

LOCATION Section 12, T18S, R29E, 660 FSL, 1980 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
3/4 @ 390'		
3/4 @ 791'		
1 3/4 @ 1199'		
1 1/2 @ 1514'		
1 3/4 @ 1794'		
3/4 @ 2207'		
1 @ 2618'		
1 @ 2776'		

Drilling Contractor- UNITED DRILLING, INC.

By: Luisa Noriega
(Luisa Noriega)

Title: Assistant Office Manager

Subscribed and sworn to before me this 2nd day of November, 2009.

George A. Alho
Notary Public

Chaves NM
County State

My Commission Expires:

10-8-12

END OF WELL SCHEMATIC

Well Name: WLH GS4 Unit 45
API #: 30-15-37025

Spud Date: 23-Oct-09

Rig Release Date: 31-Oct-09
Rig RKB (ft): 13 00

**FILL IN ALL BLANKS
ON FORM**

Surface Casing Date set 10/24/2009
Size 8 5/8 in
Set at 419 09 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 @ 419.1 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

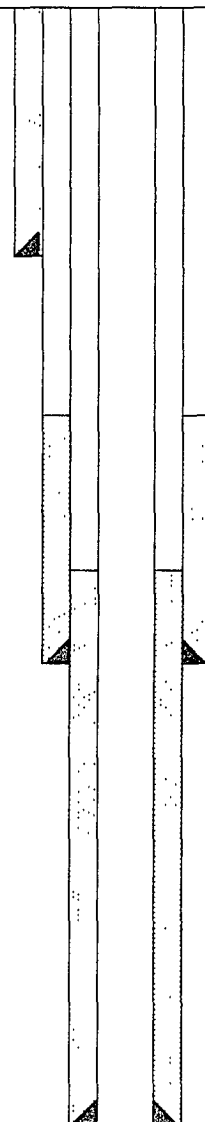
☐ New
☐ Used

Csg Shoe @ 0 ft

Production Casing Date set 10/29/2009
Size 4 1/2" in
Wt. 10 5 ppf Grade J-55 from Surface to 2785 ft
Wt. _____ ppf Grade _____ from _____ to _____ ft
PBTD 2741 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
Weight on Slips: 32000#

☒ New
☐ Used

Csg Shoe @ 2785 ft



TD @ 2,800 ft

Cement Date cmt'd _____
Lead: 150 sks of Thixotropic CMT, 10#
gilsonite, 10# calseal, 2% Calcium Chloride
Chloride .125 # Polyflake. 14.2 PPG
Tail: 275 sks Premium Plus, 2% CaCl
14.8 PPG
Note: 2 1" jobs to get cement to Surface
Shoe Test: _____ EMW
W.O.C. for 24 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: 10/22/2009
Lead: 350 sks Interfill C, 2% CaC, 3 #
Gilsonite, 125 Polyflake. 11 8 ppg
Tail: 225 sks Premium Plus, .5%
Halad, 3# Gilsonite, 125 Polyflake
14 8 ppg
Note: Did not circ, 1 top job needed
Displacement Fluid: Fresh Water

Mud Wt. = 10 ppg @ TD