

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-050429B

6 If Indian, Allottee or Tribe Name

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

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

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL & 1980' FWL Unit N
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 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 <u>Injection well</u>
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Completion</u>
	<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 recomple 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 recomple 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.)

Enervest Operating, LLC permitted this well as a producer and is requesting approval to complete as an injector for the approved WLH Waterflood project, Order #R13128.

Proposed Injection Well completion procedure:

RU Wireline & run GR/CCL/CBL logs. RIH w/3-1/8" select-fire csg guns and perforate 2667'-2842' (6 SPF, 60 deg phasing, 0.5" EHD). Acidize using 5,000 gal 15% NEFE, scale inhibitor and ball sealers. Frac w/ approx. 18,000 gal of 25# cross-linked gel and 30,000# of 16/30 Brady. Leave well SI overnight. RU flowback equipment, install choke, open to flowback tank.

RIH with plastic-coated 2-3/8" 4.7# 8rd EUE J-55 tubing, 2-3/8" x 4-1/2" injection packer, 2-3/8" SN.
RIH w/injection assembly and set packer 50' above the top of the Grayburg #4 sand.
Perform step-rate injection tests.
Prepare well for injection.

**CONTACT THE OCD TO SCHEDULE MIT TEST
BEFORE INJECTION CAN BEGIN.
EI-NMOP 12/23/09**

APPROVED

DEC 15 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 12/10/2009

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)

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