Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

RECEIVED
MAR 10 2010
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.*

5. Lease Serial No.
LC-058481

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
WLH G4S Unit #34

2. Name of Operator
EnerVest Operating, L.L.C.

9. API Well No.
30-015-37017

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)*
630' FSL & 2525' FWL Unit N Sec. 11, 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			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other Injection well completion
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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.

SUBJECT TO LIKE APPROVAL BY STATE

Accepted for record
NMOCD RE
3/18/10

SEE ATTACHED FOR CONDITIONS OF APPROVAL

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

Title Sr. Regulatory Tech

Signature Shirley Galik

Date 02/15/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

APPROVED
MAR 5 2010
/s/ Chris Walls
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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)

WLH G4S Unit 34
30-015-37017
EnerVest Operating
March 2, 2010
Conditions of Approval

1. **Install a casing-tubing annulus valve and a pressure gauge on the valve. Leave this annulus open to the gauge (detecting any casing, tubing, or packer leak). Subsequent to any repairs, record and report (one time) a casing and tubing pressure reading with the date of reading. Record casing and tubing pressure readings at least once a week. Report and correct any annular or tubing pressure above the permitted maximum.**

2. **Conduct a Mechanical Integrity Test of 500 psig for 30 minutes on the injection tbg/csg annulus of the well. Document the test on no more than a 1,000psig calibrated recorder chart, connect a reliable 1,000psig max with a six inch or larger face gauge in the recorder line as a real time visual monitor. Notify Paul R. Swartz at 575.234.5985 and/or 575.200.7902 at least 24 hours before the test. If there is no response, notify the BLM on call drilling phone, 575.361.2822.**

3. **Surface disturbance beyond the existing pad must have prior approval.**

4. **Closed loop system required.**

5. **A minimum of a 2M BOP is required and must be tested prior to performing operations.**

6. **Subsequent sundry with step rate injection test, MIT, and wellbore schematic is required.**

7. **Submit a completion report within 30 days of completion.**

CRW 030210