

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

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.
NMLC047269A

6. If Indian, Allottee, or Tribe Name

SUBMIT IN TRIPLICATE - Other Instructions on page 2.

1. Type of Well
 Oil Well Gas Well Other

7. If Unit or CA/Agreement Name and/or No.
8910085280

2. Name of Operator
Enervest Operating, LLC

8. Well Name and No.
WLH G4S Unit Tr. 1 No. 004

3a. Address
1001 Fannin St., Suite 800 Houston, TX 77002-6707

3b. Phone No. (include area code)
713-659-3500

9. API Well No.
30-015-04493

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec. 7, T18S, R30E 660' FSL 660 FWL

10. Field and Pool
Loco Hills; Qn - GB - SA

11. County 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 checked="" 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 type="checkbox"/> Other _____
	<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 if the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports must be filed within 30 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 if testing has been completed. Final Abandonment Notice 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.)

This well failed a Mechanical Integrity Test on 05/11/2016 and is currently shut in. EnerVest Operating, LLC respectfully submits the following plans to bring the well into compliance and convert from an injection well into production. Planned production interval will be the same as injection interval (4th Greyburg Sand) and there will be no stimulation or changes to interval.

1. Test anchors, MIRU
2. ND wellhead, NU BOP
3. Latch on to tubing, release packer, POOH
4. PU setting tool, RBP and packer
5. Hydrotest tubing on the way in the hole
6. Set RBP @ 2550'. Test casing to isolate casing leak
7. Record pump rates and pressures
8. Squeeze casing leak. SDON
9. Drill out and pressure test casing. Notify Artesia NMOCD/BLM 48 hours in advance, to witness MIT
10. Land tubing and put well on production

NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 06 2016

RECEIVED

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

**SUBJECT TO LIKE
APPROVAL BY STATE**

Accepted for record
NMOCD RE 9/6/16

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

Shelly Doescher

Title

Agent

Signature *Shelly Doescher*

Date

08/10/2016

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

Date
AUG 22 2016

PP Swartz

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.

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 any department or agency of the United States or any officer or employee thereof to issue, publish, disseminate, or otherwise make available any fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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(Instructions on page 2)

**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

Operator: Enervest Operating, LLC

Surface Lease: LC047269a

Case No: NM71060x

Subsurface Concerns for Casing Designat:

Well Status: Inj-St

Spud date: 1/14/1944

Plug'd Date:

Reentry Date:

BHL: LC047269a

Unit Agreement

Well: WLH G4S UNIT-4

API: 3001504493

@ SrIce: T18S-R30E,07.660s660w

@ MTD: T18S-R30E,07.660s660w

Estate: F/F/F

CWDW, R of W: 0

Admn Order, date: R-2166, 01/04/1962, R-2178c, 06/

Frmtn, Depths, psig: 0

KB: 3529

GL: 3529

Corr: 0

12' - 8 5/8" & 5 1/2" csg ate up 09/15-17/1984

50' - 4 1/2" TOC per temp survey

(400 T Salt)

402. 10.625" hole, 8.625" 28# H40 ST&C csg, 50sx -0.44% sx circ
<450 sqz w/166sx lost returns >

(1095 B Salt)

<1150 sqz w/265sx>

2030 holes in 5 1/2" csg

01/14/1944
10/06/1984

10/06,18/1984

10/17/1984

01/07/1964 CTI
10/30/1984 MIT held 500psig 30m
08/16/2005 MIT held 330psig to 350psig
2010 MIT accepted by NMOCD
05/11/2012 no compliance with BLM WO for MIT
06/18/2015 NMOCD MIT failed, well shut-in
08/17/2016 NOI submitted to BLM for cmt sqz

4 1/2" csg collars dia = ID of 5 1/2" csg

10/24/1984

12/31/1964

2/20/1944

2/26/1944

2600, 4.95" hole, 4.5" csg, 9.5# J55, 150sx

2606 TOL

2760, 4.95" hole, 4.5" csg, 9.5# J55, 150sx

2795, 7.675" hole, 5.5 15.5# J55 csg, 100sx -0.73% sx circ

2811TD

Diagram last updated: 08/22/2016

Conditions of Approval, Template

Enervest Operating, LLC
WLH G4S Unit Tr1 - 04, API 3001504493
T18S-R30E, Sec 07, 660FSL & 660FWL
August 22, 2016

1. **Operator is required to have the BLM approved NOI procedure with applicable conditions of approval on location for this workover operation.**
2. Before casing or a liner is added, replaced, or repaired prior BLM approval of the design is required. Use notice of intent Form 3160-5.
3. Subject to like approval by the New Mexico Oil Conservation Division.
4. Use Class "C" squeeze cement is to be mixed 14.8#/gal, 1.32 ft³/sx, 6.3gal/sx water at depths less than 7500ft.
5. Surface disturbance beyond the existing pad shall have prior approval.
6. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
7. Functional H₂S monitoring equipment shall be on location.
8. 2000 (2M) Blow Out Prevention Equipment to be used. All BOPE and workover procedures shall establish fail safe well control. Blind ram(s) and pipe ram(s) designed to close on all workstring diameters used is required equipment. A manual BOP closure system (hand wheels) shall be available for use regardless of BOP design. Function test the installed BOPE to 500psig when well conditions allow. Related equipment, (choke manifolds, kill trucks, gas vent or flare lines, etc.) shall be employed when needed for reasonable well control requirements.
9. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
10. After the operator's Step 9 drill out of the cement squeeze, **perform a charted casing integrity test of 1000psig minimum from the depth of 2740ft to surface.** Document the pressure test on a one hour full rotation calibrated (within 6 months) recorder chart registering within 35 to 75 per cent of its full range. **Verify all annular casing vents are plumbed to the surface and open during this pressure test. Call BLM 575-361-3612 and arrange for a BLM witness of that pressure test.** Include a copy of the chart in the subsequent sundry for this workover.

11. Provide BLM with an electronic copy (Adobe Acrobat Document) cement bond log record from 2700 or below to top of cement taken with Opsig casing pressure. The CBL may be attached to a pswartz@blm.gov email or the WIS subsequent sundry.
12. Workover approval is good for 90 days (completion to be within 90 days of approval).
13. Submit a (BLM Form 3160-5 subsequent report (daily reports) via BLM's Well Information System; <https://www.blm.gov/wispermits/wis/SP> (email pswartz@blm.gov for operator setup instructions) describing all wellbore activity and Mechanical Integrity Test as per item 1) above. Include (dated daily) descriptions of the well work and the setting depths of installed equipment: internally corrosive protected tubing, profile nipple, and tubing on/off equipment just above the packer. File the form within 30 days of any interrupted workover procedures and a complete workover subsequent sundry.
14. Submit the BLM Form 3160-4 Recompletion Report within 30 days of the date all BLM approved procedures are complete. Include all formation tops required by the Form 3160-4.

The well has been inactive and without BLM compliance since 06/18/2015. An inactive/shut-in well bore is a non-producing completion that is capable of "beneficial use" i.e. production in paying quantities or of service use.

15. Submit evidence to support your determination that the well has been returned to active "beneficial use" for BLM approval on the Sundry Notice Form 3160-5 (the original and 3 copies) on or before November 25, 2016.
16. Should "beneficial use" not be achieved submit for BLM approval a plan for plug and abandonment.

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