

Submit 1 Copy To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
October 13, 2009

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)		WELL API NO. 30-015-36769
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Enervest Operating, LLC		6. State Oil & Gas Lease No. 37486
3. Address of Operator 1001 Fannin Street, Suite 800, Houston, Tx 77002		7. Lease Name or Unit Agreement Name WLH G4S Unit
4. Well Location Unit Letter <u>H</u> : <u>1980</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>11</u> Township <u>18S</u> Range <u>29E</u> NMPM Eddy County		8. Well Number <u>39</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3516'		9. OGRID Number 143199
		10. Pool name or Wildcat Loco Hills, Queen-Grayburg-SanAndres

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Enervest Operating, LLC is requesting permission to make a casing grade change from the original proposed Master Drilling Program.

The requested change is using MC-65 grade for the 4-1/2 production casing (see attachment).

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Shirley Galik TITLE Sr. Regulatory Tech DATE 11/29/2009

Type or print name Shirley Galik E-mail address: sgalik@enervest.net PHONE: 713.495.1514  
**For State Use Only**

APPROVED BY: Barbara R. [Signature] TITLE Geologist DATE 11/31/2009  
Conditions of Approval (if any):

## McJunkin Red Man Corporation

### CASING DESCRIPTION AND PERFORMANCE PROPERTIES

Pipe Outside Diameter (ins)	4.50
Pipe Wall Thickness (ins)	0.224
Nominal Weight per foot (lbs)	10.50
Thread	STC
Grade	MC-65
Pipe Minimum Yield (psi)	65,000
Pipe Minimum Ultimate (psi)	75,000
Coupling Outside Diameter (ins)	5.000
Drift Diameter (ins)	3.927
Plain End Weight per foot (lbs)	10.24
Joint Strength (lbs)	140,000
Internal Yield (psi)	5,560
Collapse Rating (psi)	4,000

### MAXIMUM DEPTH/LENGTH BASED ON MUD WTS & SAFETY FACTORS

Drilling Mud Weight (ppg)	9.625
Tension Safety Factor	1.80
Maximum Tension Length (ft)	7,410
Internal Yield Safety Factor	1.10
Maximum Depth for Internal Yield (ft)	10,110
Collapse Safety Factor	1.125
Maximum Collapse Depth (ft)	7,560

### API RELATED VALUES and INTERMEDIATE CALCULATION RESULTS

Pipe Body Plain End Yield (lbs)	192,000
Round Thread Pull-Out (lbs)	143,000
Minimum Make-Up Torque (ft/lbs)	1,070
Nominal Make-Up Torque (ft/lbs)	1,430
Maximum Make-Up Torque (ft/lbs)	1,790
Pipe Hydrostatic Test Pressure @ 80% SMYS	5,100