

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. <u>D15</u> 30-025-03282
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name WLH G4S Unit Tract 43
8. Well Number <u>1</u>
9. OGRID Number 143199
10. Pool name or Wildcat Loco Hills Queen-Grayburg-San

SUNDRY NOTICES AND REPORTS ON WELLS
(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 PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

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

3. Address of Operator
1001 Fannin, Ste. 800
Houston, TX 77002

4. Well Location
Unit Letter P: 330 feet from the South line and 330 feet from the East line
Section 4 Township 18S Range 29E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	OTHER: <input type="checkbox"/>
OTHER: <input type="checkbox"/>	

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.

MIRU/ POOH w/ Production Equipment (if any).

- RIH to 2430' Cir. well w/ MLF 9.5#
- Spot 30 sxs 1100'-1000' (clean)
- Perf/Sqz 50 sxs 450'-350' WOC/TAG
- Perf/Sqz 15 sxs 60'-0'
- RDMO
- Cut well head and anchors/ Install dry hole marker

Approved for plugging of well bore only.
Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms: www.cmard.state.nm.us/oed.

NM OIL CONSERVATION
ARTESIA DISTRICT

JAN 21 2015

RECEIVED

Approval Granted providing work is Completed by Feb 4-2016

Rig Release Date:

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

SIGNATURE W. White TITLE PHA Supervisor DATE 1-7-15

Type or print name Will White E-mail address: william.white@basicenergyservices.com PHONE: (432) 563-3355

For State Use Only

APPROVED BY: RDado TITLE District Supervisor DATE Feb 4-2015

Conditions of Approval (if any):

* See Attached COA's

Well Name: **WLHU Tr 43 #1**

EV Prop # _____

Lease Type: _____ State _____

Location: **330 FSL & 330 FEL of Sec. #4**County/State: **Eddy/NM**Field/Formation: **Loco Hills Grayburg**API: **30-015-03282**Surface Csg

Size: **8 1/4"**
Wt.&Thrd: **28# - 8 RD**
Grade: **---**
Set @: **400'**
Sxs cmt: **50**
Circ: **---**
TOC: **---**
Hole Size: **10"**

KB: _____

DF: _____

GL: _____

Spud Date: **10/19/1939**Compl. Date: **11/28/1939****CURRENT**

8-1/4" @ 400'

Notes:Rod Detail:

98 3/4" UK rods run 4/12/2005

Tubing Detail:

2 3/8" set at 2511' in 4/12/2005

Completion Data:Production Csg

Size: **7"**
Wt.&Thrd: **20# -10 RD**
Grade: **---**
Set @: **2491'**
Sxs Cmt: **100**
Circ: **---**
TOC: **---**
Hole Size: **6-1/4"**

CIBP set @ 2480' w/ 50' cmt on top

7" @ 2491'

TD 2550'

Tubulars - Capacities and Performance

bbl/ft	cf/ft	Tensile (lbs)	80% Burst (psi)	Collapse (psi)	ID(in)	Drift (in)
--------	-------	---------------	-----------------	----------------	--------	------------

Well Name: WLHU Tr 43 #1

EV Prop # _____

Lease Type: StateLocation: 330 FSL & 330 FEL of Sec. #4County/State: Eddy/NMField/Formation: Loco Hills GrayburgAPI: 30-015-03282Surface Csg

Size: 8 1/4"
 Wt.&Thrd: 28# - 8 RD
 Grade: ---
 Set @: 400'
 Sxs cmt: 50
 Circ: ---
 TOC: ---
 Hole Size: 10"

CURRENT

KB: ---DF: ---GL: ---Spud Date: 10/19/1939Compl. Date: 11/28/1939

P/S 15 sxs
 40'-0'

8-1/4" @ 400'

Notes:

Rod Detail:

98 3/4" UK rods run 4/12/2005

Tubing Detail:

2 3/8" set at 2511' in 4/12/2005

Completion Data:

P/S 50 sxs
 450'-350'
 100 cmt

Spot 30 sxs
 1000'-1100'
 clean

9.5# mud

9.5# mud

Production Csg

Size: 7"
 Wt.&Thrd: 20# -10 RD
 Grade: ---
 Set @: 2491'
 Sxs Cmt: 100
 Circ: ---
 TOC: ---
 Hole Size: 6-1/4"

CIBP set @ 2480' w/ 50' cmt on top

7" @ 2491'

TD 2550'

Tubulars - Capacities and Performance

bbl/ft	cft	Tensile (lbs)	80% Burst (psi)	Collapse (psi)	ID(in)	Drift (in)

NEW MEXICO OIL CONSERVATION DIVISION
DISTRICT 2 OFFICE
811 S. FIRST STREET
ARTESIA, NM 88210
(575)748-1283

CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT

Operator: Enwest

Well Name & Number: WLM 645 Unit Tract 43 #1

API #: 30-015-03282

1. Produced water **will not** be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged ONLY. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perfs, before any plugs can be set, by whatever means possible.
8. Cement Retainers may not be used.

9. Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.
10. Plugs may be combined after consulting with and getting approval from NMOCD.
11. Minimum WOC time for tag plugs will be 4 Hrs.

DATE: 2/4/15

APPROVED BY: 

GUIDELINES FOR PLUGGING AND ABANDONMENT

DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks of gel per 100 bbls of water.
- A cement plug is required to be set 50' below and 50' above all casing shoes and casing stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.
- Formations to be isolated with plugs placed at the top of each formation are:
 - Fusselman
 - Devonian
 - Morrow
 - Wolfcamp
 - Bone Spring
 - Delaware
 - Any Salt Section (Plug at top and bottom)
 - Abo
 - Glorieta
 - Yates (this plug is usually at base of salt section)
- If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths or casing must be perforated and cement squeezed behind casing at the formation depths.
- In the R-111-P area (Potash Mine area) a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts common to the section penetrated and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible (50' below and 50' above).