

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 06 2013

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.  
NMNM113640  
6. If Indian, Allottee or Tribe Name  
Gavilan

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator EnerVest Operating, L.L.C.		8. Well Name and No. Bear Canyon Unit #6
3a. Address 1001 Fannin Street, Suite 800 Houston, TX 77002	3b. Phone No. (include area code) 713-659-3500	9. API Well No. 30-039-30557
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 350' FNL & 665' FWL (UL D) Sec. 14 T26N R02W		10. Field and Pool or Exploratory Area Gavilan Mancos
		11. County or Parish, State Rio Arriba

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 P&A Procedure & Closed-Loop System Notification
	<input type="checkbox"/> Change Plans	<input checked="" 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	

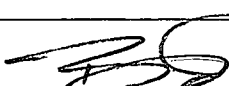
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths 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 recompleat 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 intends to plug and abandon this well. Proposed work is to be performed by November 1, 2013 contingent on rig availability and weather conditions.

A Closed-Loop System will be used for this project. (19.15.17.9A NMAC)

RCVD SEP 17 '13  
OIL CONS. DIV.  
DIST. 3

The procedure to P&A is attached.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Bart Trevino		Title Regulatory Analyst
Signature 		Date 09/05/2013

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by Original Signed: Stephen Mason	Title	Date SEP 16 2013
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)

NMOCDA

## PLUG AND-ABANDONMENT PROCEDURE

### Bear Canyon Unit #14-6 350' FNL and 665' FWL, Section 14, 26N, 2W 30-039-30557 / Rio Arriba County, NM

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires notification to the NMOCD for the use of a steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. **Plug #1 (Gallup interval and Mancos top: 6291' to 6024')** TIH and set 7" cement retainer at 6291'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 1000#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 58 sxs cement and spot a balanced plug inside casing above the CR to isolate the Gallup interval and cover the Mancos top. PUH.  
556 5456
4. **Plug #2 (Mesaverde top, 5660' – 5560')**: Mix 28 sxs cement and spot a balanced plug inside casing to cover the Mesaverde top. PUH.
5. **Plug #3 (9-5/8" casing shoe top, 4052' – 3952')**: Perforate 3 squeeze holes at 4052'. Establish circulation. RIH and set 7" cement retainer at 4002'. Mix 49 sxs cement, squeeze 21 sxs outside annulus and leave 28 inside to cover casing shoe. TOH.
6. **Plug #4 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3794' – 3373')**: Perforate 3 squeeze holes at 3794'. Establish circulation. RIH and set 7" cement retainer at 3744'. Mix 150 sxs cement, squeeze 64 sxs outside annulus and leave 86 inside to cover through the Ojo Alamo top. TOH.  
3772 3315
7. **Plug #5 (Nacimiento top, 1863' – 1763')**: Perforate 3 squeeze holes at 1863'. Establish circulation. RIH and set 7" cement retainer at 1813'. Mix 49 sxs cement, squeeze 21 sxs outside annulus and leave 28 inside to cover casing shoe. TOH.  
2256 2156 2256
8. **Plug #6 (13-3/8" casing shoe and surface, 360' – 0')**: Perforate 3 HSC squeeze holes at 360'. Establish circulation out bradenhead valve. Mix and pump approximately 130 sxs cement down the 7" casing from 360' to surface, circulate good cement out bradenhead valve. Shut in well and WOC.

9. Once good cement is circulated out bradenhead valve, close bradenhead valve and circulate good cement out intermediate casing valve. Shut in well and WOC.
10. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, and cut off anchors.

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 6 Bear Canyon Unit 14

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
  - a) Place the Measverde plug from 5556' – 5456'.
  - b) Place the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug from 3772' – 3318' inside and outside the 7" casing.
  - c) Place the Nacimiento plug from 2256' - 2156' inside and outside the 7" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.