

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. JIC129
2. Name of Operator ENERVEST OPERATING LLC		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3a. Address 1001 FANININ STREET SUITE 800 HOUSTON, TX 77002		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 505-320-5682		8. Well Name and No. APACHE 26
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 13 T24N R4W NWSW 1850FSL 820FWL		9. API Well No. 30-039-22217-00-C1
		10. Field and Pool or Exploratory Area ADOBE SOUTH BLANCO
		11. County or Parish, State RIO ARRIBA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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 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 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.

The subject well was P&A'd on 08/08/2018 per the attached final activity report and plugged wellbore diagram.

NMOCD
AUG 15 2019
DISTRICT III

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #433825 verified by the BLM Well Information System
For ENERVEST OPERATING LLC, sent to the Rio Puerco
Committed to AFMSS for processing by JACK SAVAGE on 10/02/2018 (19JWS0002SE)**

Name (Printed/Typed) CHESTER DEAL	Title ROCKIES/PERMIAN - FIELD
Signature (Electronic Submission)	Date 09/05/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	Title JACK SAVAGE PETROLEUM ENGINEER	Date 10/02/2018
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 Rio Puerco

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)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD *AV*



EnerVest Operating. LLC
 1001 Fannin St. Suite 800
 Houston. TX 77002-6707

P.O. Box 1979, Farmington, NM 87499
 (505) 325-2627

Name: Apache 129 #26
 API:30-039-22217, 08/10/2018

Well Plugging Report

Cement Summary

- Plug #1** - (Chacra top) Mix and Pump 42sxs (48.3 cf 15.8 PPG) Class G cmt from 3598' to 3058' TOC. Pre-mixed 2% Calcium Chloride
- Plug #2** - (Picture Cliffs Interval/Fruitland/Kirtland/Ojo Alamo tops) Mix and Pump 68sxs with 2% cal. Chlor. (78.2 cf 15.8 PPG) Class G cmt 2916' to 2043' TOC.
- Plug #3** - (Nacimiento Top) Mix and Pump 60sxs (69 cf 15.8 PPG) Class G cmt 1147' to 897' TOC.
- Plug #4** - (8-5/8" Csg. and surface) Mix and Pump 168sxs (193.2 cf 15.9 PPG) Class G cmt w/ 2% CaCL. from 430' to 0'. TOC.
- DH Marker - Mixed and Pump 56 sxs 64.4 cf 15.8 PPG (from CT 223)

Work Detail

PUX	Activity
08/01/2018	
P	HSM on JSA. Set Up Site Security. Check Well PSI.0# PSI csg.. 0# PSI tbg.. 0# PSI BH
U	RU Power Tongs on Rig Floor
X	TOOH w/ 97 jnts. Total Tally 3158'. Bottom of Tubing had holes and pited. Several joints bent on string. Call Jeff Cross with Enervest ok to laid down tubing to hot shot blue band string to location. Trip in hole with 97 jnts. law down 97 jnts.
X	Wait on tubing at 3 o'clock call Jeff Cross unable to get pipe until 8-3-2018
P	SIW secured location. SDFD
08/02/2018	
P	HSM on JSA. Set Up Site Security. Check Well PSI.0#PSI csg.. 0# PSI tbg.0# PSI BH
U	RU Power Tongs on Rig Floor
X	TOOH w/ 97 jnts. Total Tally 3158'. Bottom of Tubing had holes and pited. Several joints bent on string. Call Jeff Cross withEnervest ok to laid downtubing to hot shot blue band string to location. Trip in hole with 97jnts.law down 97 jnts.
X	Wait on tubing at 3 o'clock call Jeff Cross unableto get pipe until 8-3-2018
P	SIW secured location. SDFD
08/03/2018	
P	HSM on JSA. Set up Site Security. Check PSI on Well. 0# PSI csg.. 0# PSI tbg.. 0# PSI BH
X	WO work string. Move A plus Trailer and spot in work string trailer.
P	Pick up and Tally work string with 4-1/2 Mellon Mill. tag TOF with 100 joints @ 3161'.
X	Talk to Jeff Cross (Enervest) to try to get approval from BLM and NMOCD to spot CR above fish and squeeze below. BLM and NMOCD denied plug and request attempt to get Fish out hole. TOOH with 4-1/2 Mellon Mill. TIH open Ended to try to Screw in Fish.
X	Tag Fish with 100 joints @ 3161'. Try to screw into it with 2k# turn on pipe

torqued and start falling. Chased down hole and stop @ 3240' 102 joints. Torque on pipe and pick up 4k over string weight and got string weight back. TOO H with 102 joints. Corroded tubing collar was attach to the bottom of string. SIW secured location. SDFD

P
08/06/2018

P HSM and JSA. Check pressure on well. 0# psi csg.. 0# psi BH.
 P TIH with 102 joints of 2-3/8. w/ 2-3/8 collar on bottom to try screwing into string (FISH). Tag string rest 2k on string and torque up to 1200# psi.. start coming out the hole with 2k over string weight.
 X TOO H with 102 joints of the work string and 11 joints of the well's string with a 9.5' piece of 2-3/8 on bottom. TIH 4-1/2" watermelon mill with 114 joints at 3600'. AT 11:20 got approval from BLM (Bill Diers) and NMOCD (Brandon Powell) to set retainer at 3598'. TOO H with work string.
 P TIH 4-1/2" CR with 113 joints. Set retainer at 3598'. Test tubing to 1000#. sting out of retainer and circulated the 4-1/2 Csg. clean with 60 BBLs. Pre-mixed 2% Calcium Chloride. **Plug #1.** Lay down 18 joints and reverse circulated with 19 BBLs.
 P TOO H with 95 joints and lay down setting tool. TIH with 75 joints. SIW and secure location SDFD.

08/07/2018

P HSM and JSA. Check Well Pressures. 0# psi Tbg.. 0# psi Csg.. 0# psi BH
 P TIH with 95 and pick 3 joints. Tag TOC at 3100'. Ok by BLM. Laydown 5 joints and TOO H with 92 joints. Lay down 4-1/2 Watermelon mill. Pick up 4-1/2 cement retainer. TIH with 92 joints. set retainer at 2916'.
 P Rig up Pump to tubing. Pump 4 BBLs to establish circulation. Circulated 4-1/2 Csg. with 45 BBLs. Attempt to pressure test Csg. NO Test. establish rate 2 BBLs/minute at 200# psi. TOO H with 92 joints and lay down Setting tool.
 P Rig up W/L. Run CBL from 2916'. to 0' surface. TOC to be determined by engineer.
 P TIH with plugging sub to 2916' with 92 joints. Rig up pump to tubing pump and est. circ. with. Pre-mixed 2% Calcium Chloride for 68 sks.
 P Pumped **Plug #2.** WOC.
 X Lay down 28 joints to TOC 2043'. TOO H with 20 joints. SIW.
 X WOC.
 X TIH with 20 joints and pick up 4 joints. Tag TOC at 2161'. Lay down 34 joints and TOO H 34 joints. Lay down tag sub. Load Csg. with 5 BBLs. Attempt to pressure test Csg. pump and establish rate of 2.5 BBLs/Min. at 600 PSI.
 P PU HSC gun RIH perf. 3 HSC holes at 1147'. POOH Lay down gun.
 P PU A plus 4-1/2 retainer TIH with 34 joint. PU 12' sub. Set CR at 1097'. Release of CR. Pump and establish circulation with 2 BBLs. Attempt to pressure test. establish rate of same as above. Sting into retainer pump and establish circulation of the Csg. SI casing. Establish rate 1.5 BBLs/Min at 800 PSI.
 P Pumped **Plug #3.** 40 sxs outside. 4 sxs Below retainer. 16 sxs Above retainer. String out of retainer with 600 PSI. While pumping into Cmt. retainer with Csg. close establish circulation out of BH. Shut BH and establish circulation out ground.
 P LD 12' sub. and 6 joints. TOO H with 28 joints. LD setting tool. SIW. SDFD

08/08/2018

P HSM and JSA. check pressure on well. 0 PSI Csg. 0 PSI Tbg. 0 PSI BH.
 X TIH with 28 joints. Tag TOC @ 869'. LD 28 Joints. Attempt to test Csg.. establish circulation out BH and ground. Circulated Dye out of ground with 12 BBLs.
 P RU WL. RITH with 3-1/2 HSC and shot 3 holes @ 430'. POOH and LD HSC. RD WL.
 X TIH with 13 joints and set CR. at 410'. sting out CR. circulated and PT Casing to

- X 800 PSI. Good test. Sting back into CR. pump 1 BBLs and circulated around WH.
- P Waited on water truck to suck water around WH when pumping Cement.
- P Pumped Plug #4. 125 sxs Outside and 42 sxs Inside.
- P LD 13 joints. SIW.
- X WOC. RD work floor. Dig out WH.
- P ND BOP. RU Air Saw. Cut off WH. Tag TOC @ surface and 33' down on the back side. Weld DHM. Mixed and Pump 56 sxs (64.4 cf 15.8 PPG).
- P RD pumping equipment and Pulling unit.
- P Secured and Pre-trip equip.. move to Loc.

* P - Procedure Planned; U - Unplanned A+ issue; X - COA. Well Conditions

On Site Reps:

Name	Association	Notes
Bill Dier	BLM	Rep. on Location

Apache 129 #26 Plugged P&A

South Blanco Pictured Cliffs and Chacra
1850' FSL, 820' FWL, Section 13, T-24-N, R-4-W
Rio Arriba County, NM, API #30-039-22217

Today's Date: 3/7/18
Spud: 12/20/80
Completed: 5/16/81
Elevation: 6838' GI

12.25" hole

Nacimiento @ 1052'

Ojo Alamo @ 2328'

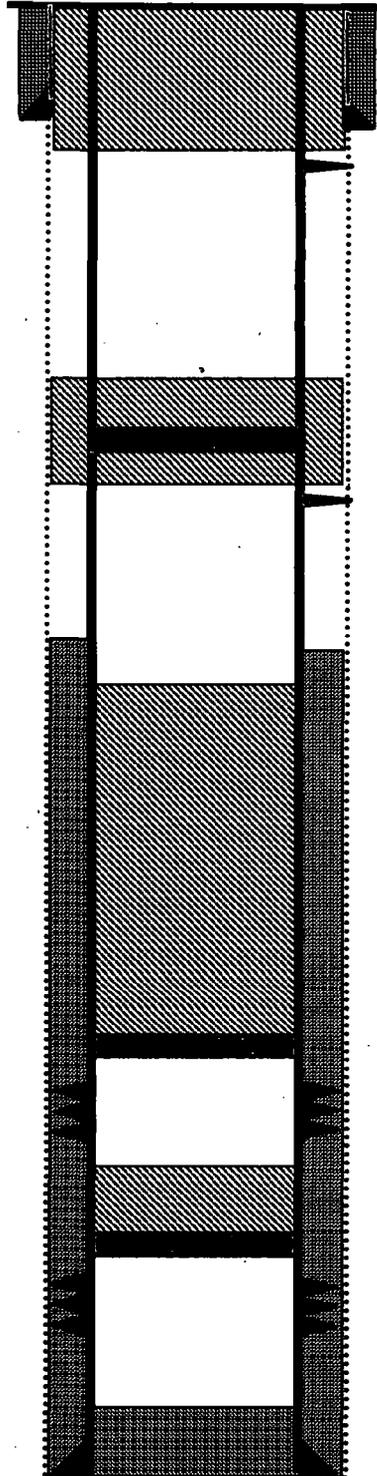
Kirtland @ 2670'

Fruitland @ 2780'

Pictured Cliffs @ 2953'

Chacra @ 3786'

7-7/8" hole



8-5/8" 24# Casing set @ 380'
Cement with 300 sxs, circulated

Perforate @ 430' Plug #4: Mix & pump 168sxs
Class G cmt from 430' - 0'

Set CR @ 1097' Plug #3: Mix & pump 60sxs Class
G cmt from 1147' - 897'

Perforate @ 1147'

TOC @ 2161'

Plug #2: Mix & pump 68sxs Class
G cmt from 2916' - 2043'

Set CR @ 2916'

Pictured Cliffs Perforations:
2955' - 3024'

Plug #1: Mix & pump 42sxs
Class G cmt from 3598' - 3058'

Set CR @ 3598'

Chacra Perforations:
3809' - 3914'

4.5", 10.5#, Casing set @ 4119'
Cement with 420 sxs (600 cf)

TD 4120'
PBD 4074'