

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**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.**

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2.</b>		5. Lease Serial No. <b>Contract No. 148</b>
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name <b>Jicarilla Apache Tribe</b>
2. Name of Operator <b>Enervest Operating, LLC</b>		7. If Unit of CA/Agreement, Name and/or No.
3a. Address <b>1001 Fannin St. Suite 800, Houston, TX 77002</b>		8. Well Name and No. <b>Jicarilla Contract 148 No. 043</b>
3b. Phone No. (include area code) <b>(713) 659-3500</b>		9. API Well No. <b>30-039-23713</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>UL-P, 990' FSL &amp; 990' FEL, Sec. 15, T25N, R05W</b>		10. Field and Pool or Exploratory Area <b>Lindrith Gallup - Dakota West</b>
		11. Country or Parish, State <b>Rio Arriba County , NEW MEXICO</b>

**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"/> 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 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.)

**The subject well was P&A'd on 9/20/2018 per the attached final activity report and plugged wellbore diagram.**


**NMOC**  
**DEC 02 2018**  
**DISTRICT III**

**ACCEPTED FOR RECORD**

**DEC 11 2018**

**FARMINGTON FIELD OFFICE**

By: 

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Mickey Ahrens</b>	Title <b>Production Superintendent</b>
Signature 	Date <b>10-30-18</b>

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

Approved by	Title	Date
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.



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

P.O. Box 1979, Farmington, NM 87499  
(505) 325-2827

Name: Apache 148 #43  
API:30-039-23713, 09/24/2018

## Well Plugging Report

### Cement Summary

BLM / NMOCD - Notified 9-14-18 at 2:00 pm.

**Plug #1** - (Dakota perforations and top) Mix and Pump 16sxs (1.15 yield, 18.4 CUFT, 16#) Class G cmt from 7288' to 7077'.

**Plug #2** - (Gallup and Mancos tops) Mix and Pump 53sxs (1.15 yield, 60.95 CUFT, 16#) Class G cmt from 6367' to 5668'.

**Plug #3** - (Mesaverde top) Mix and Pump 12sxs (1.15 yield, 13.8 CUFT, 16#) Class G cmt from 4784' to 4626'.

**Plug #4** - (Chacra top) Mix and Pump 12sxs (1.15 yield, 13.8 CUFT, 16#) Class G cmt from 4002' to 3844'.

**Plug #5** - (Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo tops) Mix and Pump 55sxs (1.15 yield, 63.25 CUFT, 16#) Class G cmt from 3128' to 2403'.

**Plug #6** - (Nacimiento top) Mix and Pump 13sxs (1.15 yield, 15.34 CUFT, 16#) Class G cmt from 1213' to 1042'.

**Plug #7** - (8 5/8" Surface CSG shoe and Surface) Mix and Pump 42sxs (1.15 yield, 48.3 CUFT, 16#) Class G cmt from 378' to surface.

**Top Off** - Mix and Pump 42sxs (1.15 yield, 48.3 CUFT, 15.8#) Class G cmt

**COORDINATES** - LAT. 36.395300 LONG. 107.341320

### Work Detail

PUX	Activity
09/17/2018	
P	Rode rig and equipment to Location. HSM, JSA.
P	Spot in rig and RUSU.
P	Check WH pressure. 4 1/2" SICP 0 psi, 2 3/8" SITP 10 psi, SIBHP 0 psi. RU CSG valve, TBG valve and Blow down lines open TBG to pit and blow down TBG.
P	ND WH, NU BOP and function test. RU rig floor and 2 3/8" TBG equipment.
P	PU on 2 3/8" TBG and LD TBG hanger, TOOH and Tally 240 2 3/8" TBG JTS.
P	Secure Well clean up some of the oil from around WH. SDFN
09/18/2018	
P	HSM, JSA, and WL JSA. S & S Rig and equipment. Check WH pressure 4 1/2" CICP 160 psi, SIBHP 0 PSI. Open CSG to pit and blow down.
P	RU A-Plus WL (Tom Luther, Tyler Kasper) RIH with 3.75" GR to 7300', POOH with GR and rig down WL unit.
P	MU 4 1/2" WD CR and TIH with 234 TBG JTS PU 1 10' sub and set CR at 7288'. Set CR pull 10K over RU pump to TBG load with 18 BBLs water pressure test TBG to 1000 psi good test. Release setting tool from CR sting out circulate 4 1/2" csg clean with 120 BBLs water shut in CSG valve pressure Test CSG at 800 psi for 30 minutes good test 0 psi bleed off.
P	Pumped Plug #1.
P	LD 32 TBG JTS TOOH with 101 STDs, LD 4 1/2" stinger.

P Secure Well and Location SDFN.  
 09/19/2018  
 P HSM on JSA. S & S rig and equipment. Check WH pressures 0 psi on well, open to pit. RU pump to BH valve load with 1 BBL water and pressure up to 300 psi and held pressure for 10 minutes bleed off pressure. TOC in annulus aprox. 20'.  
 P TIH open ended with 205 TBG JTS with EOT at 6367' RU pump to TBG est. circulation out CSG with 4.5 BBLS water.  
 P Pumped Plug #2.  
 P LD 51 TBG JTS with EOT at 4784'. RU pump to TBG est. circulation out CSG with 5 BBLS water.  
 P Pumped Plug #3.  
 P LD 25 TBG JTS with EOT at 4002'. RU pump to TBG est. circulation out CSG with 1.5 BBLS water.  
 P Pumped Plug #4.  
 P LD 28 TBG JTS with EOT at 3128'. RU pump to TBG est. circulation out CSG with 1.5 BBLS water.  
 P Pumped Plug #5.  
 P LD 62 TBG JTS with EOT at 1213'. RU pump to TBG est. circulation out CSG with 4 BBLS water.  
 P Pumped Plug #6.  
 P LD 27 TBG JTS with EOT at 378'. RU pump to TBG est. circulation out CSG with 2 BBLS water.  
 P Pumped Plug #7. With 5 SXS, to steel pit, and top off with 7 SXS after 12 TBG JTS LD.  
 P Wash up BOP, TBG equipment and 12 JTS of TBG. RD TBG equipment and rig floor. ND BOP. DIG out WH.  
 P HSM. Hot Work Permit and Monitor well. Cut off WH weld on DHM. (Note: 4 1/2" cement at surface and Annulus at 32'.)  
 P RDSU  
 P Pumped Top Off Annulus and set in DHM. Put 1 1/4" Polly pipe in annulus 32', RU A-Plus water Truck to pull displacement water from Cellar. Pumped Top Off. RD pump unit.  
 P Secure Location SDFN.  
 09/20/2018  
 P Rode rig and equipment to A-plus yard. Final Report LAT. 36.395300 LONG. 107.341320

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

### On Site Reps:

Name	Association	Notes
Dustin Porch	BLM	On Location

# Apache 148 #43

Plugged

West Lindrith - Gallup Dakota

990' FSL, 790' FEL, Section 15, T-25-N, R-5-W, Rio Arriba County, NM

Spud: 6/16/85

Completion: 7/24/85

Lat: \_36.395300 N / Lat: \_107.341320 W, API #30-039-23713

Elevation: 6894' KB  
6881' GR

12.25" hole

8.625", 24#, Casing set @ 328'  
Cement with 354 cf, circulate to surface

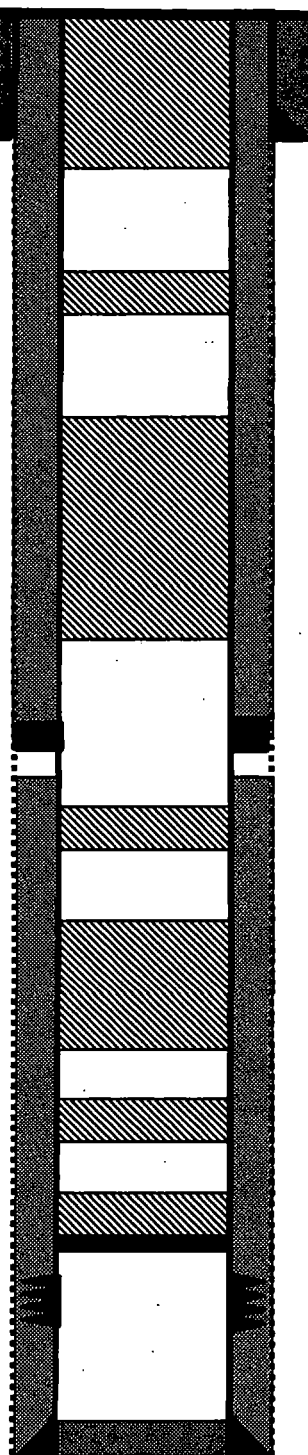
Cement good to surface above 3406' (CBL 2003)

DV Tool @ 3406  
Stage 2: Cemented with 620 cf

Free pipe from 3406' - 3490' (CBL 2003)

4.5" 11.6#, casing set @ 7659'  
Stage 1: Cemented with 1018 cf

7-7/8" Hole



TD 7660'  
PBD 7629'

Top-Off: Mix & pump 42sxs Class G  
cmt from 32' - Surface.

Plug #7: Mix & pump 42sxs Class G  
cmt from 378' - Surface

Plug #6: Mix & pump 13sxs Class G  
cmt from 1213' - 1042'

Plug #5: Mix & pump 55sxs Class G  
cmt from 3128' - 2403'

Plug #4: Mix & pump 12sxs Class G  
cmt from 4002' - 3844'

Plug #3: Mix & pump 12sxs Class G  
cmt from 4784' - 4626'

Plug #2: Mix & pump 53sxs Class G  
cmt from 6367' - 5668'

Plug #1: Mix & pump 16sxs Class G  
cmt from 7288' - 7077'

Set CR @ 7288'

Dakota Perforations:  
7338' - 7526'