

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 25 2018

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.

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. Contract No. 126
2. Name of Operator Enervest Operating, LLC		6. If Indian, Allottee or Tribe Name Jicarilla Apache Tribe
3a. Address 1001 Fannin St., Suite 800 Houston, TX 77002	3b. Phone No. (include area code) 713-659-3500	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 3006' FNL & 2171' FEL, Section 2, T24N, R4W		8. Well Name and No. Apache No. 143
		9. API Well No. 30-039-23662
		10. Field and Pool or Exploratory Area Lindrith Gallup - Dakota West
		11. Country or Parish, State Rio Arriba, NEW MEXICO

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	

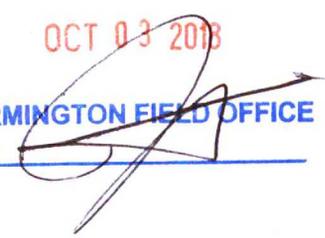
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths 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 8/28/2018 per the attached final activity report and plugged wellbore diagram.

NMOCD
AUG 15 2018
DISTRICT III

ACCEPTED FOR RECORD

OCT 03 2018

FARMINGTON FIELD OFFICE
By: 

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Mickey Ahrens	Title Production Superintendent
Signature 	Date 9-6-18

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	

NMOCD



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

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

Name: Apache 126 #143
 API:30-039-23662, 09/02/2018

Well Plugging Report

Cement Summary

- Plug #1** - (Dakota perforations and top) Mix and Pump 17sxs (1.15 yield, 19.5cuft, 16#) Class G cement from 7327' to 7109'.
 - Plug #2** - (Gallup top) Mix and Pump 17sxs (1.15 yield, 19.5cuft, 15.9#) Class G cement from 6508' to 6290'.
 - Plug #2A** - (Gallup top) Mix and Pump 17sxs (1.15 yield, 19.5cuft, 15.9#) Class G Cement with 2% calcium from 6464'to 6246'.
 - Plug #3** - (Mancos top) Mix and Pump 17sxs (1.15 yield, 19.5cuft, 15.9#) Class G cement from 5566' to 5462'.
 - Plug #4** - (Mesaverde top) Mix and Pump 56sxs (1.15 yield, 64.4cuft, 15.8#) Class G cement from 4855' to 4655' TOC.
 - Plug #5** - (Chacra top) Mix and Pump 17sxs (1.15 yield, 19.5cuft, 15.9#) Class G cement from 4087' to 3869' TOC.
 - Plug #6** - (Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo tops) Mix and Pump 69sxs (1.15 yield, 79.35cuft 15.7#) Class G Cement from 3198' to 2312'.
 - Plug #7** - (Nacimientto top) Mix and Pump 56sxs (1.15 yield, 64.4 CUFT, 15.8#) Class G cement from 1274' to 1106'.
 - Plug #8** - (8 5/8" Surface shoe & Surface) Mix and Pump 170sxs (1.15 yield, 195.5cuft, 15.9#) Class G Cement from 450' to Surface.
 - Top off well bore** - (CSG stumps) Mix and Pump 34sxs (1.15 yield, 39.1cuft. 15.8#) Class G Cement.
- FINAL REPORT** - LAT 36.340900 LONG -107.224940

Work Detail

PUX	Activity
08/20/2018	
P	S & S rig and equipment. Rode rig and equipment to location.
P	HSM, JSA, Spot in rig and equipment.
P	RUSU, and pump equipment and relief lines.
P	Check WH pressures 2 3/8" SITP 0 PSI, 4 1/2" SICP 0 PSI, SIBHP 20 PSI, open BH to pit blow down in 20 seconds. NDWH no TBG in well. NU BOP and function test, test good, RU rig Floor and 2 3/8" TBG equipment.
X	Send CBL to agencies. Wait on orders to drill out or spot plug on composite plug at 6407'. (Jack Savage with BLM said to drill out BP at 6407')
X	Wait on Bit and Power swivel.
X	TIH with 3 3/4" cine Bit, 1 TBG Jt, 4' marker JT, 202 TBG jts tag BP at 6407' LD 1 JT.
P	Secure Well and Location SDFN.
08/21/2018	
P	HSM on JSA. S & S rig and equipment. Check WH pressure SICP 0 PSI, SITP 0 PSI, SIBHP 0 PSI. Open well to pit.
X	RU Power Swivel Unit, PU 1 TBG JT.

- X Start drilling on BP at 6407' and D/O BP PU 2 JTS with power swivel. RD Power swivel Unit. PU TBG and chase BP to 7330' with 231 TBG JTS in.
- X LD 1 JT TOO H WITH 115 STDs LD BIT sub and 3 3/4" cone bit.
- P HSM, JSA, RU A-Plus WL RIH and set 4 1/2" Plug Well CIBP at 7327' POOH with setting tool.
- P MU Plugging SUB, TIH With 67 STDS 2 3/8" TBG.
- P Secure Well and Location SDFN
- 08/22/2018
- P HSM on JSA. S & S rig and Equipment. Check WH pressures 2 3/8" SITP 25 psi, 4 1/2" SICP 35 psi, SIBHP 0 psi. Open well to pit and blow down.
- P TIH with 2 3/8" TBG tag CIBP at 7327' with JT # 231. RU pump to TBG establish circulation out CSG valve with 7 BBLs water circulate clean with additional 113 BBLs. Shut in CSG valve attempt pressure test established rate at 2 BPM at 300 psi. Open CSG valve to pit.
- P Pumped Plug #1.
- X LD 7 TBG JTs to 7106' TOO H with 12 STDs with EOT at 6333'.
- X WOC.
- P TIH with TBG tag Plug #1 at 7170' w/JT #226 LD 21 TBG JTS PU 12' sub with EOT at 6508'. RU pump to TBG est circulation with 8 BBLs water.
- P Pumped Plug #2.
- P LD 7 TBG JTs to 6272', TOO H with 12 STDs with EOT at 5502'.
- P Secure well and location WOC overnight. SDFN
- 08/23/2018
- P HSM on JSA. S & S rig and equipment. Check WH pressures well CSG, TBG and BH on Vacuum.
- X TIH with TBG and tag plug #2 with JT #204 at 6464', tag low. RU pump to CSG reverse out with 40 BBLs water no cement returns. RU pump to TBG. (NOTE: BH circulated while reversing out.)
- X Pumped Plug #2A.
- X LD 8 TBG JTS to 6208' TOO H with 12 STDS with EOT at 5438,
- X WOC
- X TIH with TBG TAG plug #2A with JT #199 at 6300'. LD 23 JTS with EOT at 5566'. RU pump to TBG establish circulation out CSG valve with 4 BBLs water.
- P Pumped Plug #3.
- X LD 7 JTS to 5343', TOO H with 12 STDS EOT at 4591'. WOC overnight secure well SDFN.
- 08/24/2018
- P HSM on JSA. S & S rig and equipment. Check WH pressure CSG, TBG and BH on vacuum. Open well to pit.
- X TIH with TBG tag plug # 3 TOC at 5415' JT #172, LD 20 JTS to 4810' TOO H with 76 STDS and LD plugging sub.
- X HSM on JSA. RU WL unit, RIH perforate 3- 3 1/8" HSC holes at 4855' POOH with WL and RD WL.
- X MU 4 1/2" CR TIH with CR at 4810, SET CR sting out RU pump to TBG establish circulation out CSG with 2 BBLs shut in CSG valve and establish circulation out BH with additional 4 BBLs water. Sting into CR establish rate into perforations at 4855, at 1/2 BPM at 1000 psi. Sting out of CR.
- P Pumped Plug #4. Pumped 40 SXS outside 4 1/2" CSG, 4 SXS below CR, 12 SXS above.
- X LD 6 JTS to 4622' TOO H with 73 STDS LD 4 1/2" stinger.
- X WOC
- P TIH with TBG tag plug #4 TOC at 4622' LD 17 JTS with EOT at 4087'. RU Pump to TBG establish circulation out CSG with 2 BBLs shut in CSG and establish

- circulation out BH with additional 7 BBLs water.
- P Pumped **Plug #5.**
 - X LD 7 JTS to 3864' TOO H with 12 STDS with EOT at 3092'.
 - P Secure well and location WOC over weekend. SDFWE
- 08/27/2018
- P HSM on JSA. S & S rig and equipment. Check WH pressures TBG, CSG and BH on Vacuum. Open well to pit.
 - X TIH with TBG Tag Plug #5 TOC with JT 3123 at 3869' LD 22 tbg JTS PU 10 SUB with EOT at 3198'. RU pump to TBG establish circulation out CSG valve with 4 BBLs water. BH blowing. No CSG test.
 - P Pumped **Plug #6.**
 - X LD 10' sub, 28 JTS to 2292' TOO H with 12 STDS with EOT at 1535'.
 - X WOC
 - X TIH with TBG and Tag Plug #6 at 2430' BLM called Ojo Alamo top at 2672' good tag LD 40 TBG JTS TOO H with 19 STDS LD Plugging sub. RU Pump to CSG. Load with 4.5 BBLs water close blind rams establish circulation out BH Valve with additional 8 BBLs water. Open blind rams. No CSG Test.
 - P HSM on JSA. RU A-Plus WL RIH and perforate 3 - 3 1/8" HSC holes at 1274' POOH with WL.
 - P MU 4 1/2" WD CR and set CR at 1221'. Sting out of CR load CSG and BH with 1/4 BBL. Sting into CR establish rate into Perf at 1274' at 1 BPM at 400 psi circulation out CSG and BH. Shut in CSG Valve.
 - P Pumped **Plug #7.** With 40SXS outside 4 1/2" CSG, 4 SXS below CR and 12 SXS above CR.
 - P LD 5 JTS to 1065' TOO H with 17 STDS LD stinger. WOC overnight. Secure well and location SDFN.
- 08/28/2018
- P HSM on JSA. S & S Rig and Equipment. Check WH pressure 0 psi on well, open to pit.
 - X TIH with TBG TAG Plug #7 TOC at 1106' LD all TBG and Plugging sub. RU pump to CSG and Load with 3 BBLs water shut blind rams establish rate at 1 BPM at 200 psi. Bleed off pressure.
 - P HSM on JSA. RU A-plus WL RIH and perforate 4 - 3 1/8" HSC holes at 450'. POOH with perforating gun. SI Blind Rams establish rate into perforations at 450' at 2.5 BPM at 0 PSI. Establish circulation out BH valve with 4 BBLs water, circulate clean with additional 24 BBLs.
 - P Pumped **Plug #8.** With 35 SXS inside, 116 SXS outside CSG, and 10 SXS circulated to pit. SI BH and Squeezed 9 SXS with SI pressure at 400 psi.
 - P RD TBG Equipment and Rig floor, Finish digging out WH and ND BOP.
 - P HSM, Hot Work permit, monitor well and RU cut off saw. Cut off and remove WH 4' from GL. Weld on DHM post. Cement at surface in 4 1/2" CSG and BH.
 - P Pumped **Top off.** RD Pump unit and load BOP.
 - P RDSU, clean location and ready equipment to Rhode. MOL FINAL REPORT

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

On Site Reps:

Name	Association	Notes
Jimmy Dobson	BLM	on location

Apache 126 #143 Plugged WBD

West Lindrith – Gallup Dakota
3006' FNL & 2171' Section 2, T-24-N, R-4-W
Rio Arriba County, NM/ API # 30-039-23662

Spud: 2/16/85
Completed: 5/10/85
Elevation: 6890' GL

Surface Csg: 8 5/8", 24# casing set
@ 400'. Cmt 250sxs, circulated

(12 1/4" hole)

DV Tool @ 4233'
Stage 2: Cmt w/ 520sxs

Perforations:
7377' - 7592'

Prod Csg 4 1/2" 11.6# csg set @ 7662'
Stage 1: Cmt w/ 585sxs

(7 7/8" hole)

PBTD @ 7640'
TD @ 7662'

Plug #8: Mix & pump 170sxs Class G
cmt from 450' - Surface

Perf 4 holes @ 450'

Plug #7: Mix & pump 56sxs Class G
cmt from 1274' - 1106'
Set CR @ 1221'
Perf 4 holes @ 1274'

Plug #6: Mix & pump 69sxs Class G
cmt from 3198' - 2312'

Plug #5: Mix & pump 17sxs Class G
cmt from 4087' - 3869'

Plug #4: Mix & pump 56sxs Class G
cmt from 4855' - 4655'

Plug #3: Mix & pump 17sxs Class G
cmt from 5566' - 5462'

Plug #2A: Mix & pump 17sxs Class G
cmt from 6464' - 6246'

Plug #2: Mix & pump 17sxs Class G
cmt from 6508' - 6290'

Plug #1: Mix & pump 17sxs Class G
cmt from 7327' - 7109'
Set 4 1/2" CIBP @ 7327'

