

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		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator Enervest Operating, LLC		8. Well Name and No. Apache #23
3a. Address 1001 Fannin St., Suite 800, Houston, TX 77002	3b. Phone No. (include area code) 713-659-3500	9. API Well No. 30-039-21491
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) UL- K, 2310' FSL & 1850' FWL, Sec. 11, T24N, R4W		10. Field and Pool or Exploratory Area South Blanco PC
		11. Country or Parish, State Rio Arriba , NEW MEXICO

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

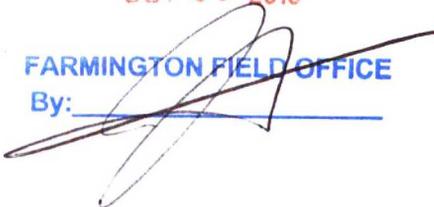
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report <i>af</i>	<input 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 8/13/2018 per the attached final activity report and plugged wellbore diagram.

ACCEPTED FOR RECORD

NMOCD
AUG 15 2019
DISTRICT III

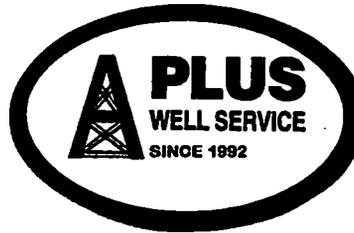
OCT 03 2018
FARMINGTON FIELD OFFICE
By: 

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Mickey Ahrens	Title Production Superintendent
Signature 	Date 9-5-18

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 LCC
 1001 Fannin Ste. 800
 Houston, TX 77002

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

Name: Apache 126 #23
 API:30-039-21491, 08/15/2018

Well Plugging Report

Cement Summary

Plug #1 - (Pictured Cliffs Interval, Fruitland, Kirtland and Ojo Alamo tops) with CR at 2879' Mix and Pump 67sxs (77.05 cuft 15.8 PPG) Class G cmt with 2% CaCL from 2879' - 2019' TOC.

Plug #2 - (Nacimiento Top) with CR at 1030' Mix and Pump 55 sxs (63.25 cuft 15.6 PPG) Class G cmt from 1030' to 888'. 11sxs Above CR/ 48sxs Below/ 40sxs Outside.

Plug #3 - (Surface CSG shoe & Surface Plug) Mix and Pump 85 sxs (1.15 yield 97.75 cuft 15.9) Class G cement from 230' to Surface. 18sxs inside/ 62sxs outside/5sxs good cement circulated out BH valve to pit.

Top Off well Bore - Mix and Pump 38sxs 43.7 cuft "G" cement.

FINAL REPORT - LAT. 36.323730 LONG. 107.229150, SEC.11, T24N, R4W.

Work Detail

PUX	Activity
08/08/2018	
P	HSM and JSA, Spot Equipment. Level Pulling Unit on jacks.
P	Secured Location. SDFD
08/09/2018	
P	HSM on JSA. S & S equipment.
P	RU daylight pulling unit.
P	SITP-0#, SICP-0#, SIBHP-0#. ND WH. NU 8-5/8" companion flange. NU and function test BOP. RU work floor.
P	X/O to 1-1/4". PU on tubing string and LD tubing hanger.
P	LD 85 joints 1-1/4" EUE. Bottom of last 1-1/4" joint damage and corroded.
P	Move float w/ 1-1/4" and spot in float w/ 2-3/8" work string. X/O to 2-3/8" EUE.
P	Round trip 4-1/2" watermelon mill to 2879', LD 4-1/2" Watermelon mill. PU 4-1/2" CR. TIH tubing to CR at 2879'.
P	Set CR at 2879', Sting out CR, pump down tubing and establish circulation out the w/ 26 BBLs. Circulated 4-1/2" Casing clean w/ 50 BBLs. Total.
P	TOOH tubing and LD setting tool.
P	RU W/L, Run CBL 2860'-surface - TOC to be determined by engineers. SI well. SDFD.
08/10/2018	
P	HSM and JSA. Check and service equipment. Check pressures SITP-0#, SICP-0#, SIBHP-0#.
P	PU plugging sub TIH to tag CR 2879', pump 10 BBLs, try PT casing and establish circulation out BH 1 BPM at 600#.
P	Pumped Plug #1 .
X	TOH LD tubing to TOC. Stand back 12 stands - EOT at 1222'.
P	SI well and WOC until cement sample hard. TIH tubing to tag Plug 1 TOC at 2100'.

- P LD to 1030' and stand back remaining tubing, LD plugging sub
- P Attempt to PT casing, no test, BH circulated 1/4 BPM 600# RU and RITH with HSC to 1078' shot 3 holes. POOH with wire line. TIH with CR and set and release at 1030'. Attempt PT on casing, no test, establish circulation out BH at 1/2 BPM 700#. Sting back into CR.
- P Pumped Plug #2.
- P LD to 856' and stand back remaining tubing. SIW and SDFW.
- 08/13/2018
- P HSM on JSA. S & S rig and Equipment. Check WH pressure 0-PSI on well. Open well to pit.
- P TIH with TBG tag plug #2 TOC at 864' LD all TBG. RU Pump to CSG load with 3 BBLs water attempt to pressure test Bleed off from 500 psi. to 300 psi in one minute no test.
- P HSM A-Plus WL RIH and perforate 3 - 3 1/8" HSC holes at 230'. POOH with WL and RD WL unit.
- P Pump Down 4 1/2" CSG establish circulation out BH Valve with 1/2 BBL water circulate clean with 25 BBLs water. RD TBG Equipment and Rig Floor.
- P Pumped Plug #3.
- P Dig out WH, ND BOP. HSM HOT work permit. Cut off and remove WH. CSG Down 30' BH down 6' Weld on DHM.
- P Top Off well Bore Mix and Pump 38sxs 43.7 cuft "G" cement. RD PT and Equipment.
- P RDSU Clean location and MOL.

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

On Site Reps:

Name	Association	Notes
Clay Yazzie	BLM	On Location
Jeff Cross	Co. Rep.	On Location

Apache #126 23-11

Plugged P&A

South Blanco Pictured Cliffs
2310' FSL, 1850' FWL, Section 11, T-24-N, R-4-W,
Rio Arriba County, NM / API #30-039-21491
Lat 36.323730' N / Long 107.229150' W

Today's Date: 8/20/18
Spud: 10/24/77
Completed: 12/1/77
Elevation: 6785' GL
6797' KB

Nacimiento @ 858' *est

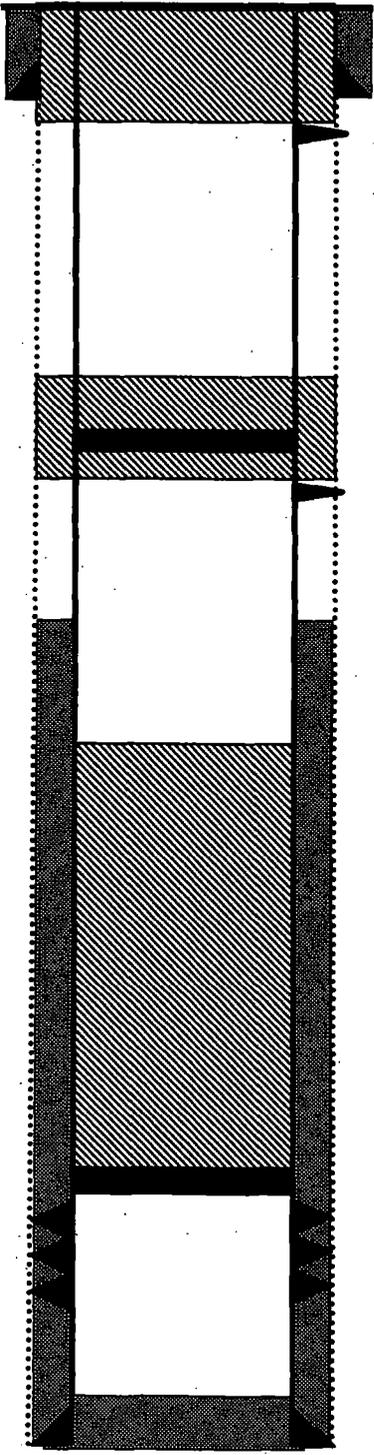
Ojo Alamo @ 2230'

Kirtland @ 2594'

Fruitland @ 2727'

Pictured Cliffs @ 2897'

7.875" hole



8.625" 24#, Casing set @ 180'
Cement with 250 sxs, circulated to surface

Perforate @ 230' Plug #3: Mix & pump
85sxs Class G cmt from
230' to Surface

Set CR @ 1030' Plug #2: Mix & pump
55sxs Class G cmt from
1030' - 888'

Perforate @ 1078'

Plug #1: Mix & pump
67sxs Class G cmt from
2879' - 2019'

Set CR @ 2879'
Pictured Cliffs Perforations:
2926' - 2960'

4.5", 10.5#, K-55 Casing set @ 3082'
Cement with 200 sxs

TD 3125'
PBTD 3035'