

Well Name: APACHE	Well Location: T24N / R4W / SEC 14 / SESE /	County or Parish/State: RIO ARRIBA / NM
Well Number: 129	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC129	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003922046	Well Status: Producing Gas Well	Operator: ENERVEST OPERATING LLC

Notice of Intent

Sundry ID: 2630910

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 08/26/2021	Time Sundry Submitted: 01:03
Date proposed operation will begin: 10/29/2021	

Procedure Description: See attached plugging procedure and reclamation plan.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Apache_129_03922046_ReclamationPlan_20210831090948.pdf

Apache_129_03922046_proposed_PA_20210831090948.pdf

Apache_129_03922046_PA_procedure_20210831090948.pdf

Received by OCD: 12/17/2021 7:12:29 AM

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Conditions of Approval

Additional Reviews

General_Requirement_PxA_20211123172923.pdf
2630910_NOIA_129_3003922046_KR_11232021_20211123172912.pdf
24N04W14PKd_Apache_129_20211123163026.pdf

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: AMY ARCHULETA	Signed on: AUG 31, 2021 09:10 AM
Name: ENERVEST OPERATING LLC	
Title: Regulatory Supervisor	
Street Address: 2700 FARMINGTON AVE., BLDG K SUITE 1	
City: FARMINGTON	State: NM
Phone: (505) 325-0318	
Email address: AARCHULETA@HIGHRIVERLLC.COM	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Approved	Disposition Date: 11/24/2021
Signature: Kenneth Rennick	

EnerVest Operating, LLC
Apache (129) No. 129
660' FSL x 660' FEL SE/SE Sec 14, T24N, R04W
Rio Arriba County, NM / API 30-039-22046

PURPOSE AND SCOPE

The purpose of this Reclamation Plan is to ensure final reclamation of the **Apache 129 No. 129** well pad site, associated access road and well tie pipeline based on the BLM/BIA/EnerVest Operating, LLC on-site inspection conducted on **April 22, 2021**. Those in attendance were:

Enervest Operating	Jicarilla Oil and Gas Admin	Jicarilla BIA	BLM- FFO
Roy Green	Alfred Vigil	Kurt Sandoval	Bob Switzer
Amy Archuleta	Donna Montoya		
			Enterprise Midstream
			Brian Roberts

Well Pad Reclamation

(Note: some steps may occur in a different sequence than listed below or may occur simultaneously as the case may be):

The following activities were discussed and agreed to during the on-site visit.

- Fill dirt located at approximately 36.321659 -107.249731 will be placed in the reserve pit area on the west side of the location.
- Soil from the wash on the west side will be brought up to the cut to the east.
- In place of a pole a plate will be placed at the wellhead as the P&A marker.
- Enterprise Products will remove their pipeline and cap off at the lease road.

Waste Material Handling and Disposal

- All surface equipment, contaminated soil and trash will be removed from the location and disposed of at an approved waste disposal facility.
- The soil under the production tanks will be tested for BTEX, TPH, and Chlorides.

Access Road Reclamation

- There are two access points to this location. One is located on the northeast side and the other on the southeast side that will be closed off by installing a woven fence.

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Revegetation

Following soil preparations, EnerVest plans to apply the approved seed mix over the disturbed areas via straw mulching method.

There will be no primary or secondary noxious weeds in the seed mixture.

In conformance with the BIA Jicarilla Agency and EPO the following recommended seed mixture will be applied:

Reclamation Seed Mix – South of T26N Seed Mix

Common Name	Variety	PLS / A **
Blue grama	Hachita	0.6
Galleta	Viva	0.8
Indian ricegrass	Paloma or Nezpar	1.1
Western wheatgrass	Arriba or Barton	3.2
Pubescent wheatgrass	Luna	2.1
Crested wheatgrass	Ephraim or Hycrest	1.5
Blue Flax	Appar	0.3
Palmar Penstemon	Cedar	1.0
* Recommended seeding rate will be doubled if seed is applied by broadcasting or hydroseeding.		
** Pure live Seed (PLS) = Purity x (Germination + Hard Seed) x Total Bulk # Example: 25# PLS = 50% Purity x (35% Germ + 15 % dormant) x 100# bulk		

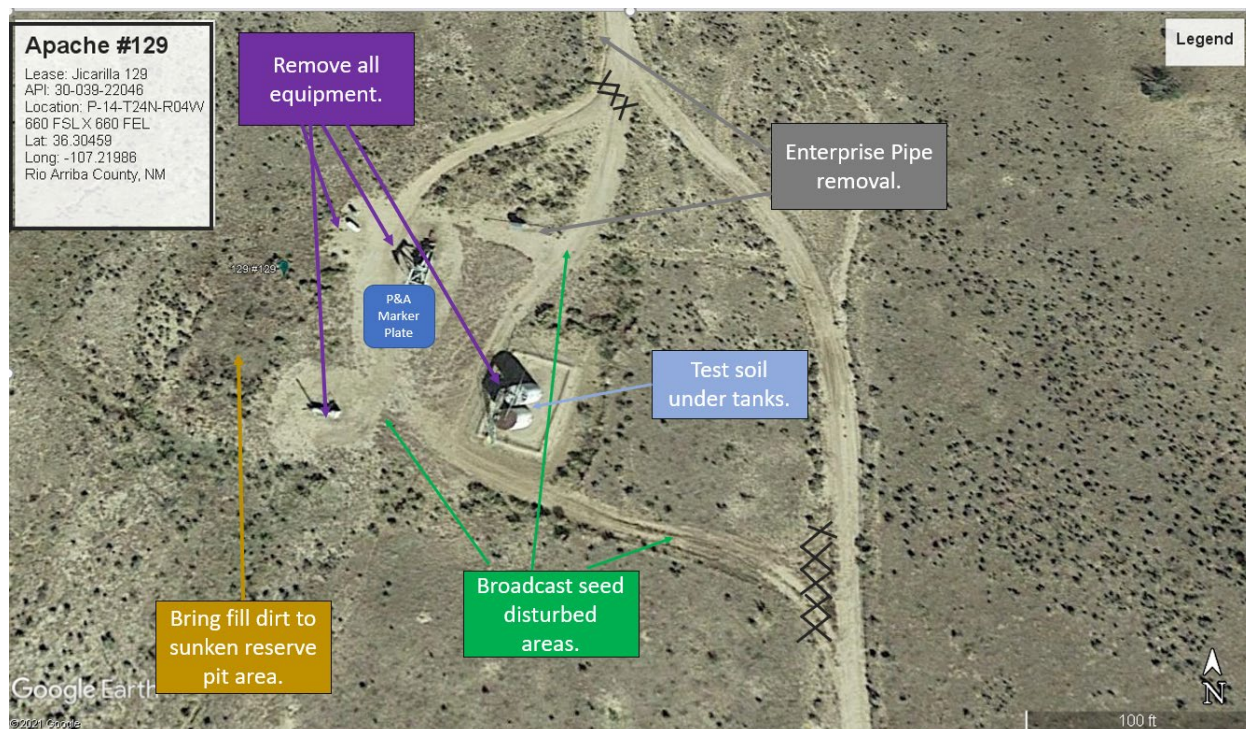
Seeding will be accomplished as soon as reasonably possible following completion of earthwork activities.

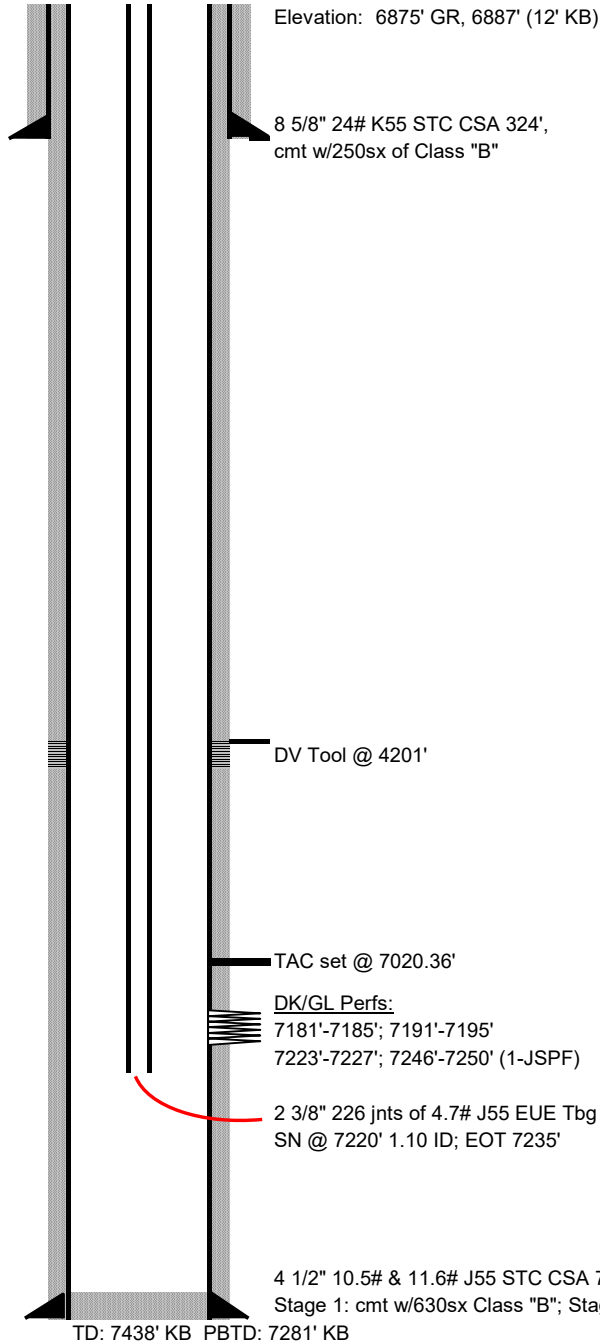
Monitoring

After the earthwork and seeding is completed, EnerVest will submit a Sundry Notice informing the BLM/BIA that reclamation has been completed.

After establishment of a self-sustaining, vigorous, diverse, native plant community is established on site, with a density sufficient to control erosion and non-native plant invasion and to re-establish wildlife or forage production vegetation, EnerVest will submit a Sundry Notice (FAN) requesting approval of the remediated well location and access road.

EnerVest Operating, LLC
Apache (129) No. 129
660' FSL x 660' FEL SE/SE Sec 14, T24N, R04W
Rio Arriba County, NM / API 30-039-22046





Apache 129 No. 129

Location: 660' FSL, 660' FEL, Sec 14, T24N, R4W,
Rio Arriba County, New Mexico
Lse #: Jicarilla Tribal Contract #129

Field: West Lindrith Gallup-Dakota

API #: 30-039-22046

Spud Date: August 8, 1981

Pump & Rod Details 8/20/2010

1- 1 1/4"x22' w/12" Liner
4- 7/8" Rod Subs (2', 4', 6', 8')
97- 7/8" Rods w/guides
190- 3/4" Rods
1- 3/4" Rod Sub (2')
1- 2"x1-1/4"x8"x12' RHAC Pump

Frac: **7181-7250'**: 3000 gals of 15% HCL acid
w/ 100,000 gal of water, 180M#

Well History
8/20/2010 Pump Failure; Run new pump

Delia Pacheco
12/17/2021

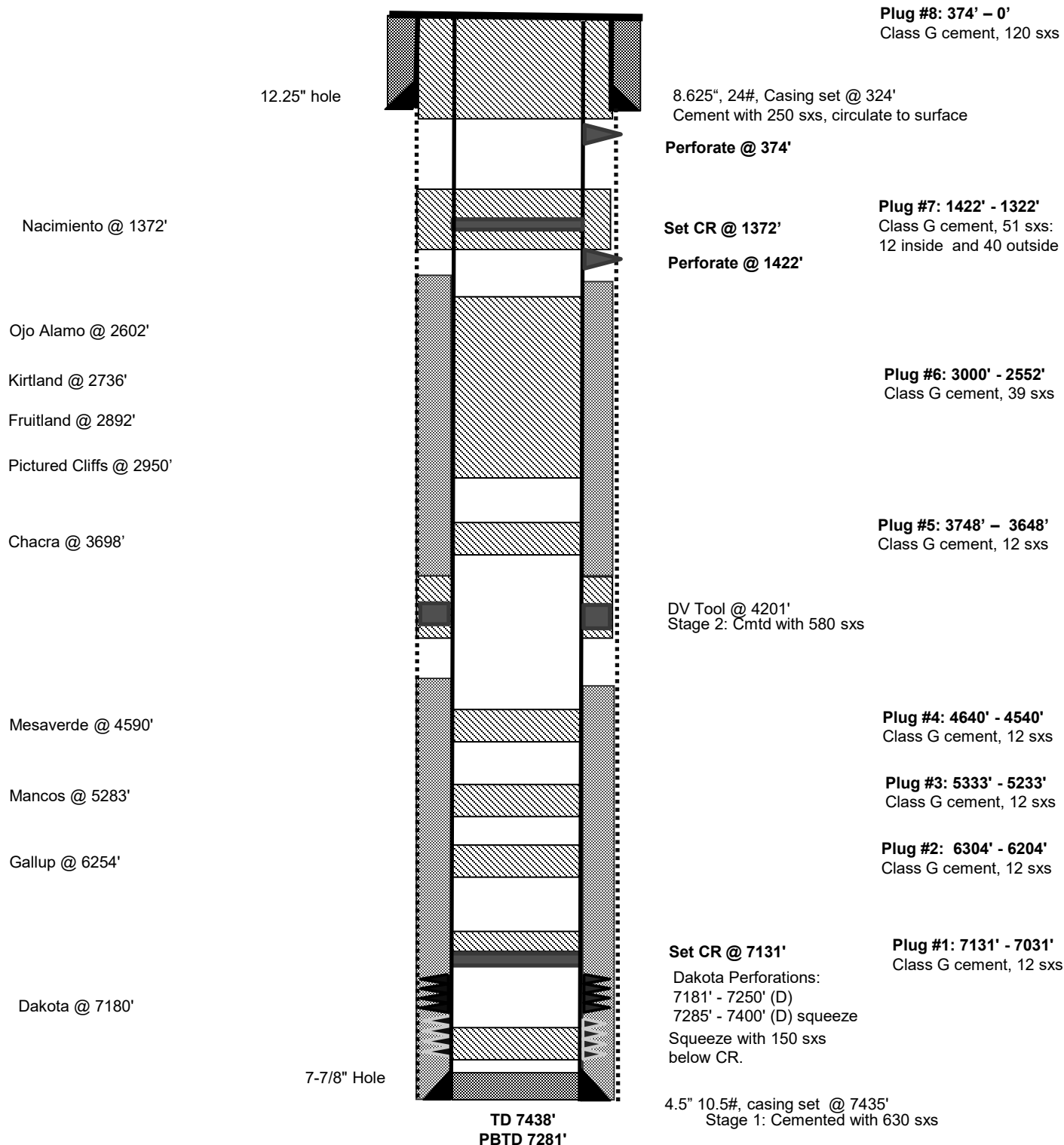
Apache 129 #129

Proposed P&A

West Lindrith – Gallup Dakota

Today's Date: 3/2/2021

660' FSL, 660' FEL, Section 14, T-24-N, R-4-W,
Rio Arriba County, NM API #30-039-22046



BLM FLUID MINERALS P&A Geologic Report

Date Completed: 11/23/2021

Well No. Apache #129 (API# 30-039-22046)	Location	660	FSL	&	660	FEL
Lease No. Jicarilla Contract 129	Sec. 14	T24N			R04W	
Operator EnerVest Operating, LLC	County	Rio Arriba		State	New Mexico	
Total Depth 7438'	PBTD 7281'	Formation Dakota				
Elevation (GL) 6876'		Elevation (KB) 6887'				

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm			Surface	1298	Surface/freshwater sands
Nacimiento Fm			1298	2602	Freshwater sands
Ojo Alamo Ss			2602	2648	Aquifer (freshwater)
Kirtland Shale			2648	2736	
Fruitland Fm			2736	2950	Coal/Gas/Possible water
Pictured Cliffs Ss			2950	3040	Gas
Lewis Shale			3040	3780	
Chacra (La Ventana)			3780	4590	
Cliff House Ss			4590	4710	Water/Possible gas
Menefee Fm			4710	5090	Coal/Ss/Water/Possible O&G
Point Lookout Ss			5090	5283	Probable water/Possible O&G
Mancos Shale			5283	6254	
Gallup			6254	7102	O&G/Water
Greenhorn			7102	7162	
Graneros Shale			7162	7180	
Dakota Ss			7180	PBTD	O&G/Water

Remarks:

P & A

Reference Well:

1) **Formation Tops**
Same

- BLM picks for the Nacimiento and Chacra tops vary from Operator picks.
- No CBL on file
- Bring the bottom of Plug #5 (Chacra) down to 3830' to cover BLM formation top pick.
- Bring the top of Plug #7 (Nacimiento) up to 1248' to cover BLM formation top pick.
- The plugs proposed in the P&A procedure, with changes as recommended above, will adequately protect any freshwater sands in this well bore.
- Dakota perfs from 7181' - 7250' and 7285' - 7400'.

Prepared by: Chris Wenman

**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: Apache 129

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. Plug 5 (Chacra): Bring the bottom down to 3830 feet to cover BLM formation top pick
 - b. Plug 7 (Nacimiento): Bring the top up to 1248 feet to cover BLM formation top pick.

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.

K. Rennick 11/23/2021

District I

1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 67673

CONDITIONS

Operator: High River Resources Operating, LLC 2700 Farmington Ave FARMINGTON, NM 87401	OGRID: 328985
	Action Number: 67673
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	12/21/2021
kpickford	Adhere to BLM approved plugs and COAs. See GEO Report	12/21/2021