

Well Name: APACHE	Well Location: T24N / R4W / SEC 14 / SESE / 36.30486 / -107.21916	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: Abandoned	Operator: ENERVEST OPERATING LLC

Subsequent Report

Sundry ID: 2742427

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 07/24/2023

Time Sundry Submitted: 11:55

Date Operation Actually Began: 06/27/2023

Actual Procedure: This well has been plugged and abandoned per the attached scope of work.

SR Attachments

Actual Procedure

- Apache_129_039_22046_CBL_07_02_2023_20230724115524.pdf
- Apache_129_Scope_of_PA_Work_06.30.2023_20230724115523.pdf
- Re_EXTERNAL_Request_Variance_from_original_P_A_Approval_for_Apache_129_LEASE_JIC129_API_30_039_22046_20230724115523.pdf
- Apache_129_marker_07.20.2023_20230724115523.pdf

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US Well Number: 3003922046	Well Status: Abandoned	Operator: ENERVEST OPERATING LLC

Operator

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

Operator Electronic Signature: AMY ARCHULETA

Signed on: JUL 24, 2023 11:55 AM

Name: ENERVEST OPERATING LLC

Title: Regulatory Supervisor

Street Address: 2700 FARMINGTON AVE., BLDG K SUITE 1

City: FARMINGTONState: NM

Phone: (505) 325-0318

Email address: AARCHULETA@HIGHRIVERLLC.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 07/26/2023

Signature: Matthew Kade



Apache #129
API: 30-039-22046
FEDERAL LEASE: JIC129
P– Sec 14-T24N-R04W
660' FSL X 660' FEL
Rio Arriba County, NM

SCOPE OF P&A WORK

06/27/2023: MIRU. Check well pressure. RU Rod tools and LD rods. Hot oil paraffin. Secure location.

06/28/2023: Pressure check well. RU hot oil tbg w/ 30 bbl hot csg w/ 30 bbl. LD rods and pump. XO tbg equip. Rig maintenance. ND WH PU and remove tbg hanger. Strip on BOP attempt to release tbg anchor and was unsuccessful. Notify company rep. Decided to cut tbg in the morning. Secure well.

06/29/2023: Pressure check well. RU WL. RIH to 7020' and run free point tool 6400' – 7000'. High River decision to attempt cut 7000' POOH LD tool and RIH to 7000'. Jet cut tbg and POOH. Received verbal and email approval from Kenneth Rennick (BLM) to continue per variance. (See attached email). TOOH and Sb 112 stds. MU 4-1/2" watermelon mill. TIH to 6998'. TOOH SB 9 stds. RU pump hose csg and pump 105 bbls fresh water. Secure location.

6/30/2023: Pressure check well. TOOH and LD Mill, MU 4-1/2" tbg set CR, ITH to 6990' and set CR. PSI test tbg to 1000 Psi. Test was good. Attempted to check ROI below CR. Pump ¼ bbl to 1400 PSI lockup. No rate. S/O load well w/ 5 bbls circulate 110 bbls total. Attempt to pressure test csg to 600 PSI. BD 200 PSI in 2 min. Test not good. Will need to WOC and tag plug #1. TOOH LD stinger RU A-plus wireline RIH to 6990' and run CBL. CBL sent to Kenneth Rennick for review. RD WL.

07/01/2023-07/12/2023: Rig was broken down during this time.

07/13/2023: Pressure test well. MU tag sub and TIH. TIH to 6990'. **Plug #1 – 15 sxs of class G w/ 2% CC, 6990-6798'. Displaced w/ 25 bbls.** LD 7 jnts SB 15 stds, WOC. TIH and tag plug #1 @

6866'. **Plug #2 – 20 sxs of class G 6304'-6048' displace with 22.5 bbls.** LD 8 jnts SB 15 stds. Secure well.

07/14/2023: Pressure test well. TIH tag plug #2 @ 6106'. TOO H and LD tag sub, received verbal approval from Mark Decker w/ FFO-BLM to perf @ 5300'. RU A-plus wireline. RIH to 5300' & Perf. POOH RD WL. MU 4-1/2" tbg set CR and TIH to 5270' and set CR. Check ROI pressure to 1200 PSI lockup. No rate. Notified FFO-BLM. Received approval to spot balanced plug above CR. WOC and tag plug #3. **Plug #3 – 20 sxs class G w/ 2% CC 5270'-5014' displace 18 bbls.** LD 8 jnts TOO H LD stinger MU tag sub. IT H and Tag plug #2 @ 5215'. Will top off plug #3 WOC. **Plug #3A – 15 sxs class G 5215'-5022'. Displace with 18 bbls.** LD 6 jnts SB 12 stds. Secure well.

07/17/2023: Pressure test well. TIH and tag plug #3A @ 5150'. TOO H and LD tag sub, RUWL and RIH to 4640' and perf. POOH, MU 4-1/2" tbg set CR. TIH to 4590' and set CR. Check ROI 2 BPM @ 800 PSI. **Plug #4 – 60 sxs class G w/ 2% CC 4640'-4384'. Leaving 40 sxs outside csg and 4 sxs inside csg below CR. 16 sxs inside csg above CR. Displace with 16.5 bbls.** LD 8 jnts, TIH and tag plug #4 @ 4365'. **Plug #5 – 16 sxs class G 3830'-3624'. Displace w/ 14 bbls.** LD 8 jnts, SB 12 stds, Secure well.

07/17/2023: Pressure test well. TIH and tag plug #5 @ 3702'. LD to next plug. Received verbal approval from Joe Maestas (BLM) to spot balanced plug to cover PC. WOC. **Plug #6- 14 sxs class G cement w/ 2% CC, 3000'-2850'. Displace w/ 10.5 bbls.** LD 7 jnts. PU 10' sub reverse circulate 16 bbls cement returns @ pit. SB 12 stds. WOC TIH and tag plug #6 @ 2865'. LD next plug TOO H RU WL RIH to 2786' perf, POOH MU 4-1/2" tbg set CR, TIH to 2736' and set CR. Check ROI 2. **Plug #7- 117 sxs class G cement 2786'-2479'. Left 93 sxs outside csg, 4 sxs inside csg below CR, 20 sxs inside csg above CR displace w/ 8.5 bbls.** LD 9 jnts, TOO H LD stinger, MU tag sub, TIH 1707', Secure well.

07/19/2023: Pressure check well. Tag plug #7 @ 2472'. TOO H LD tag sub, RU WL. RIH to 1348' and perf. POOH, RD WL MU 4-1/2" tbg set CR, TIH to 1298' and set CR. Load well w/ 4 bbls. Circulate 16 bbls Attempted to Pressure test csg to 600 PSI. BD 80 PSI in 2 min. No test. Check ROI 2 BPM @ 400 PSI. **Plug #8- 56 sxs class G cement w/ 2% CC, 1348'-1148'. Leaving 40 sxs outside csg and 4 sxs inside csg below CR. 12 sxs inside csg above CR and displace w/ 4 bbls.** LD 5 jnts TOO H and LD stinger. WOC TIH and tag plug #8 @ 1194'. LD tbg RU WL RIH to 374' perf. POOH RD WL and PU & TIH to 399'. Check ROI 2 BPM @ 100 PSI. Circulate 16bbls. **Plug #9 – 134 sxs class G cement 399'-0'. Good cement returns through csg and annulus valve.** LD tbg and secure well.

07/20/2023: Pressure check well. O PSI. Tag TOC in csg at 6' FGL. Cut off wellhead and pump 25 sxs class G cement. Install P&A marker. RD and leave location. FINAL REPORT.

Plug Summary:

Plug #1 – 15 sxs of class G w/ 2% CC, 6990-6798'. Displaced w/ 25 bbls.

Plug #2 – 20 sxs of class G 6304'-6048' displace with 22.5 bbls

Plug #3 – 20 sxs class G w/ 2% CC 5270'-5014' displace 18 bbls

Plug #3A – 15 sxs class G 5215'-5022'. Displace with 18 bbls.

Plug #4 – 60 sxs class G w/ 2% CC 4640'-4384'. Leaving 40 sxs outside csg and 4 sxs inside csg below CR. 16 sxs inside csg above CR. Displace with 16.5 bbls

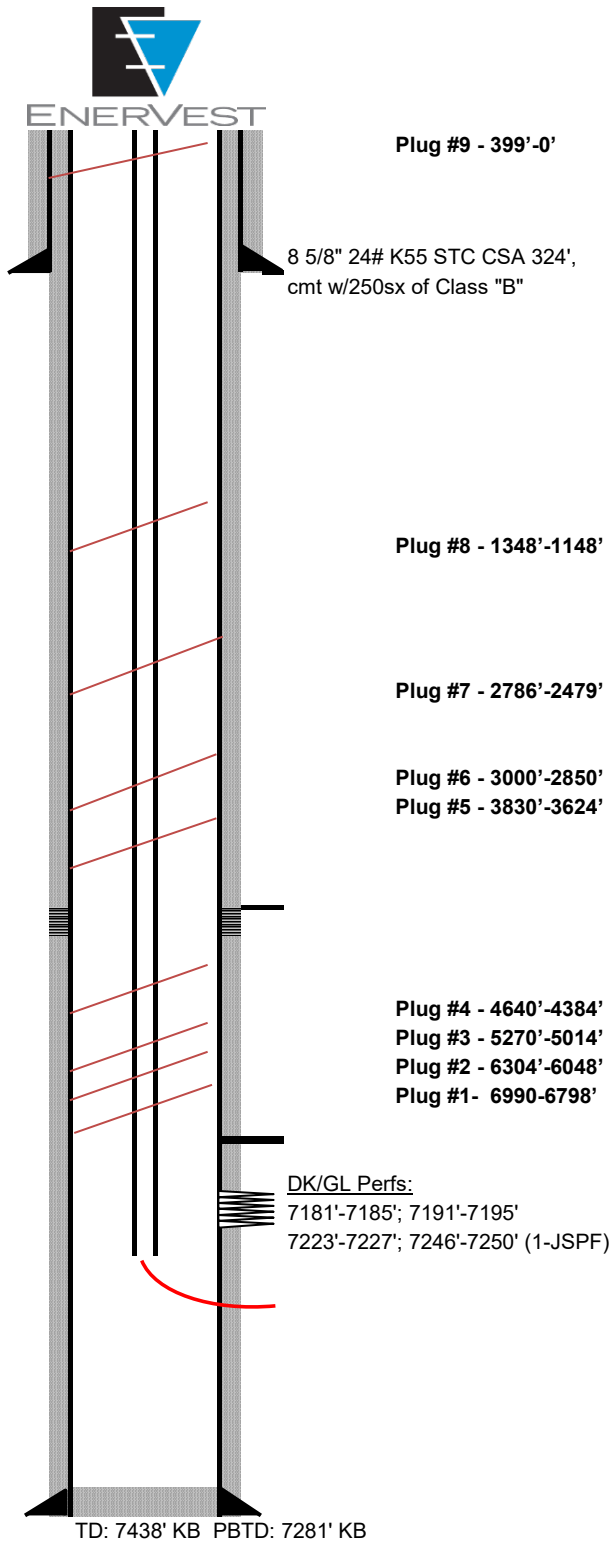
Plug #5 – 16 sxs class G 3830'-3624'. Displace w/ 14 bbls

Plug #6- 14 sxs class G cement w/ 2% CC, 3000'-2850'. Displace w/ 10.5 bbls.

Plug #7- 117 sxs class G cement 2786'-2479'. Left 93 sxs outside csg, 4 sxs inside csg below CR, 20 sxs inside csg above CR displace w/ 8.5 bbls

Plug #8- 56 sxs class G cement w/ 2% CC, 1348'-1148'. Leaving 40 sxs outside csg and 4 sxs inside csg below CR. 12 sxs inside csg above CR and displace w/ 4 bbls.

Plug #9 – 134 sxs class G cement 399'-0'. Good cement returns through csg and annulus valve. 25 sxs to surface.



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

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

Delia Pacheco
8/9/2023

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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811 S. First St., Artesia, NM 88210
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 250161

CONDITIONS

Operator: High River Resources Operating, LLC 2700 Farmington Ave FARMINGTON, NM 87401	OGRID: 328985
	Action Number: 250161
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 7/20/2023 - for record only	9/20/2023