

Well Name: APACHE	Well Location: T24N / R4W / SEC 3 / NENW / 36.34798 / -107.24511	County or Parish/State: RIO ARRIBA / NM
Well Number: 156	Type of Well: OIL WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC127	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003923930	Well Status: Abandoned	Operator: ENERVEST OPERATING LLC

Subsequent Report

Sundry ID: 2753501

Type of Submission: Subsequent Report

Date Sundry Submitted: 09/26/2023

Date Operation Actually Began: 07/20/2023

Type of Action: Plug and Abandonment

Time Sundry Submitted: 03:55

Actual Procedure: This well was Plugged and Abandoned per the attached scope of work. REVISED: Updated PA marker installed date.

SR Attachments

Actual Procedure

Apache_156_Scope_of_PA_Work_09.20.2023_20230926155455.pdf

Well Name: APACHE	Well Location: T24N / R4W / SEC 3 / NENW / 36.34798 / -107.24511	County or Parish/State: RIO ARRIBA / NM
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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: SEP 26, 2023 03:55 PM

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: 09/27/2023

Signature: Matthew Kade



Apache #156
API: 30-039-22046
FEDERAL LEASE: JIC127
C- Sec 03-T24N-R04W
645' FNL X 2225' FWL
Rio Arriba County, NM

SCOPE OF P&A WORK

07/20/2023: MIRU. Pressure test well. 0 PSI on well. NUBOP. Attempt to release 4-1/2" tbg anchor. Unable to release no movement and anchor stuck. Secure well.

07/21/2023: Pressure check well. RU WL. RIH freepoint tbg stuck. Tbg @ 2873'. POOH and RIH w/ chemical cut tbg to 2867'. RD WL. TOOH LD 8 jnts, stand back 40 stds and cut off jnt of 2-3/8" tbg. Secure well.

07/24/2023: Pressure check well. MU grapple and BHA. Tall and PU 3-1/2" DC, TIH and tag scale in csg @ 2781'. Work down to 2859'. Attempt to work down pipe to TOF, no success. Excessive scale build up. TOOH and change BHA. TIH to 2859'. RU power swivel. Pump 3 BPM @ 200 PSI. Pump 15 bbls total. Clean out to TOF @ 2867'. Latch onto fish and PU on string. Work tbg free. TOOH w/ 41 stds. LD DC, LD BHA to TOF SB 8 stds, tbg has excessive scale. Decision to LD stds and TIH 8 stds, LD 27 jnts tbg remained scaled. Secure well.

07/25/2023: Pressure check well. LD 11 jnts. TOOH. MU 4-1/2" watermelon mill tally and TIH w/ 95 stds to 6046'. Tally into 7273'. TOOH LD mill. Secure well.

07/26/2023: Pressure test well. MU 4-1/2" tbg set CR and TIH to 7523'. Set CR. PSI test tbg. 1000 PSI. Good test. S/o load well w/ 24 bbls circulate 115 bbls total. Attempt to pressure test to 600 PSI. BD 100 PSI in 1 min. No test. Will need to WOC and Tag plug #1. RU WL, RIH to 7253'. Run CBL and sent in for review. MU Tag sub TIH to 7253'. **Plug #1: 16 sks, 7253' – 7047' displaced with 26 bbls.** LD 8 jnts SB 15 tds. Secure well.

07/27/2023: Pressure check well. TIH and tag plug #1 @ 7098'. LD next to plug and attempted to pressure test csg to 600 PSI. BD 100 PSI in 1 min. No test. WOC and Tag plug #2. **Plug #2: 18 sks w/ 2% CC 6519' – 6288'. Displaced with 24 bbls.** LD 7 jnts, SB 15 stds, WOC. TIH and tag

plug #2 @ 6323'. **Plug #3: 18 sks, 5580' – 5349'. Displaced with 20.5 bbls.** LD 8 jnts, SB 15 stds. Secure well.

07/28/2023: Pressure test well. TIH and tag plug #3 @ 5420'. LD next to plug. TOOH and tag sub. RU WL. RIH to 4866' and perf. POOH and RD WL. MU 4-1/2" tbg set CR, check ROI 1 bpm @ 800 PSI. **Plug #4: 62 sxs w/ 2% CC. 4866' – 4585'. Leaving 40 sks outside csg. 4 sxs inside csg below CR. 18 sxs inside csg above CR displace w/ 17.5 bbls.** LD next to plug. Attempted to pressure test csg to 600 PSI. No test. Will need to WOC and tag plug #5. **Plug #5: 18 sks 4090' – 3859' and displace with 14 bbls.** LD 8 jnts SB 12 stds and secure well.

07/31/2023: Pressure test well. TIH and tag # 5 @ 3907'. LD next to plug attempted to pressure test csg to 600 PSI. No test. Will need to WOC. **Plug #6: 57 sxs w/ 2% CC 3221' – 2485'. Displaced w/ 9.5 bbls.** TOOH and LD tag sub. RU WL. RIH to 1260' and perf. POOH RD WL MU 4-1/2" tbg set CR and TIH to 1210' and set CR. Attempted to pressure test csg to 600 PSI. No test. Need to WOC. Tag Plug #7. SI check ROI 1.5 BPM @ 200 PSI. **Plug #7: 60 sks 1260' – 1004'. Displaced with 3.5 bbls.** LD 8 jnts and secure well.

08/01/2023: Pressure test well. TIH and tag plug #7 @ 1056'. LD tbg. RU WL, RIH to 444' & perf, POOH WL check ROI 2 BPM @ 200 PSI. PU and TIH to 451'. **Plug #8: 135 sxs 451'-0'. Good returns on cement through BH and casing valves to surface. LD tbg and rig down. Cut off WH and TOC in csg @ surface. TOC in annulus @ 9' install. Top off annulus and cellar w/ 21 sxs** and leave location. Install PA marker. Final report.

Plug Summary:

Plug #1: 16 sks, 7253' – 7047' displaced with 26 bbls.

Plug #2: 18 sks w/ 2% CC 6519' – 6288'. Displaced with 24 bbls.

Plug #3: 18 sks, 5580' – 5349'. Displaced with 20.5 bbls

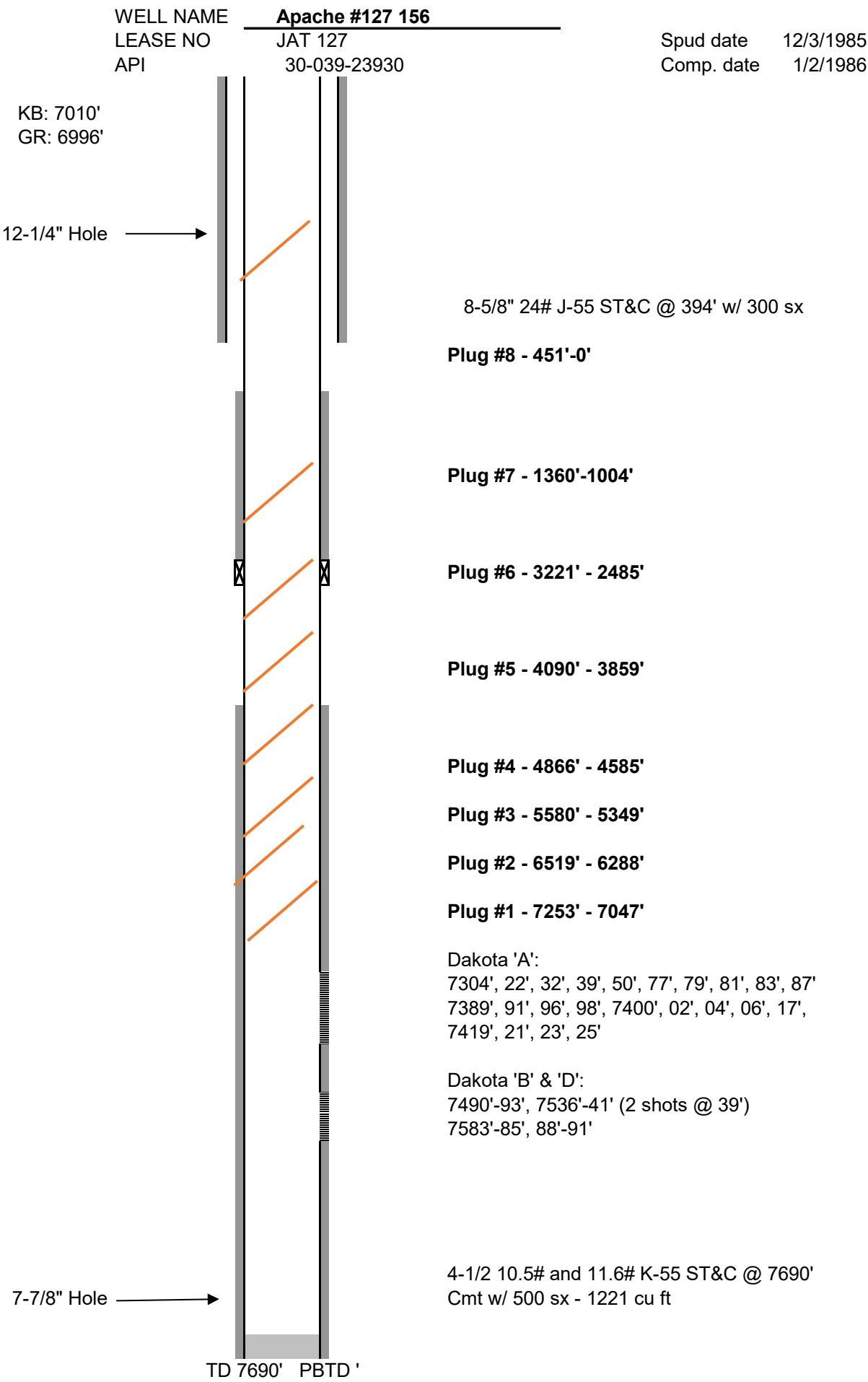
Plug #4: 62 sxs w/ 2% CC. 4866' – 4585'. Leaving 40 sks outside csg. 4 sxs inside csg below CR. 18 sxs inside csg above CR displace w/ 17.5 bbls

Plug #5: 18 sks 4090' – 3859' and displace with 14 bbls

Plug #6: 57 sxs w/ 2% CC 3221' – 2485'. Displaced w/ 9.5 bbls

Plug #7: 60 sks 1260' – 1004'. Displaced with 3.5 bbls.

Plug #8: 135 sxs 451'-0'. Good returns on cement through BH and casing valves to surface. LD tbg and rig down. Cut off WH and TOC in csg @ surface. TOC in annulus @ 9' install. Top off annulus and cellar w/ 21 sxs



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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 269385

CONDITIONS

Operator: High River Resources Operating, LLC 2700 Farmington Ave FARMINGTON, NM 87401	OGRID: 328985
	Action Number: 269385
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 8/1/2023 -for record only	9/29/2023