

Well Name: APACHE	Well Location: T24N / R4W / SEC 1 / NWSE / 36.3375387 / -107.2060367	County or Parish/State: RIO ARRIBA / NM
Well Number: 113	Type of Well: OIL WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC126	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003921814	Well Status: Abandoned	Operator: ENERVEST OPERATING LLC

Subsequent Report

Sundry ID: 2746054

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 08/14/2023	Time Sundry Submitted: 11:33
Date Operation Actually Began: 08/01/2023	

Actual Procedure: The referenced well was plugged and abandoned per the attached scope of work and wellbore diagram.

SR Attachments

- Actual Procedure
- Apache_113_Jic_126_proposed_P_A_Wellbore_20230814113337.ppt
 - Apache_113_Scope_of_PA_Work_08.01.2023_20230814113337.pdf

Well Name: APACHE	Well Location: T24N / R4W / SEC 1 / NWSE / 36.3375387 / -107.2060367	County or Parish/State: RIO ARRIBA / NM
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Lease Number: JIC126	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003921814	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: AUG 14, 2023 11:33 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: 08/21/2023

Signature: Matthew Kade



Apache #113
API: 30-039-21814
FEDERAL LEASE: JIC126
J- Sec 01-T24N-R04W
2010' FSL X 2070' FEL
Rio Arriba County, NM

SCOPE OF P&A WORK

08/01/2023: MIRU. Pressure check well. Secure well.

08/02/2023: Pressure check well. NDWH and function test and strip on BOP. RU work floor. 234 – 2-3/8" jnts. MU 4-1/2" watermelon mill. TIH w/ 23 stds. Secure well.

08/03/2023: Pressure check well. BD well to pit. RT mill to 7357'. LD mill. MU 4-1/2" tbg and set CR. TIH to 7334' and set CR. PSI tbg 1000 PSI. Test was good. Load well w/ 68 bbls. Circulate 116 bbls total. Attempted to pressure check csg to 600 PSI. Test no good. TOOH and LD stringer. Secure well.

08/04/2023: Pressure check well. RU A-plus WL and RIH to 7390'. Run CBL. CBL sent for review to BLM and OCD. MU tag sub. TIH to 7390'. Circulate w/ ¼ bbl. Circulate 15 bbls total. **PLUG #1: 20 sxs w/ 2% CC – 7390' – 7133' displace with 26 bbls.** LD 10 jnts, SB 12 stds WOC. TIH and tag plug #1 @ 7203'. LD to next plug. **PLUG #2: 18 sxs – 6500' – 6269'. Displace w/ 24 bbls.** LD 8 jnts, SB 15 stds and secure well.

08/07/2023: Pressure check well. TIH and tag plug #2 @ 6400'. LD to next plug. **PLUG #3: 20 sxs w/ 2% CC 5588' – 5331'. Displace w/ 20.5 bbls.** LD 10 jnts, SB 12 stds. WOC. TIH and tag plug #3 @ 5330'. TOOH LD tag sub RU WL. RIH to 4877' and perf. POOH RD WL. MU 4-1/2" tbg set CR. TIH to 4827' and set CR. Attempt to PSI test csg to 600 PSI. Test no good. Will WOC and tag plug #4. S/I check ROI 1.5 BPM @ 800 PSI. **PLUG #4: 62 sxs – 4877-4596'. Leaving 40 sxs outside csg, 4 sxs inside csg below, 18 sxs inside csg above CR and displace w/ 17.5 bbls.** LD 8 jnts TOOH and LD stinger. Secure well.

08/08/2023: Pressure check well. MU tag sub. TIH and tag plug #4 @ 4597'. LD to next plug. Attempt to pressure test csg to 600 PSI. No good. Will need to WOC and tag plug #5. **PLUG #5: 18 sxs w/ 2% CC 4085'-3852' displace w/ 14.5 bbls.** LD 9 jnts SB 12 stds and WOC. TIH and tag plug #5 @ 3873'. Attempt to pressure test csg to 600 PSI. No good. Will WOC and tag plug #6.

PLUG #6 : 62 sxs w/ 2% CC 3216'-2425'. Displace w/ 9 bbls. LD 26 jnts SB 12 stds WOC. TIH and tag plug # 6 @ 2427'. LD to next plug TOOH tag sub and secure well.

08/09/2023: Pressure test well. Load well w/ 4 bbls of water attempt to pressure test csg to 600 PSI. No good. Will need to WOC and tag plug #7. RU WL. RIH to 1300' and perf. POOH and RD WL. MU 4-1/2" tbg set CR and TIH to 1250'. Set CR and check 1 BPM 800 PSI. **PLUG #7: 57 sxs w/ 2% CC 1300' – 1019'. Pressure to 1250 PSI the decision was to begin displacement and S/O. Leave 35 sxs outside csg and 4 sxs inside csg below CR. 18 SXS inside csg and above CR displace w/ 3.5 bbls.** LD 9 jnts and TOOH. LD stinger and WOC. MU tag sub, TIH and tag plug #7 @ 1025'. LD tbg and RU WL. RIH to 431' and perf. POOH RD WL PU and TIH to 448'. **PLUG #8: 143 sxs 448- 0-. Good cement returns through csg and BH valve.** LD tbg and secure well.

08/10/2023: Cutt off WH Top off cement in csg @ 25" in annulus @ surface. Install DH plate. Move off location.

Plug Summary:

PLUG #1: 20 sxs w/ 2% CC – 7390' – 7133' displace with 26 bbls.

PLUG #2: 18 sxs – 6500' – 6269'. Displace w/ 24 bbls

PLUG #3: 20 sxs w/ 2% CC 5588' – 5331'. Displace w/ 20.5 bbls.

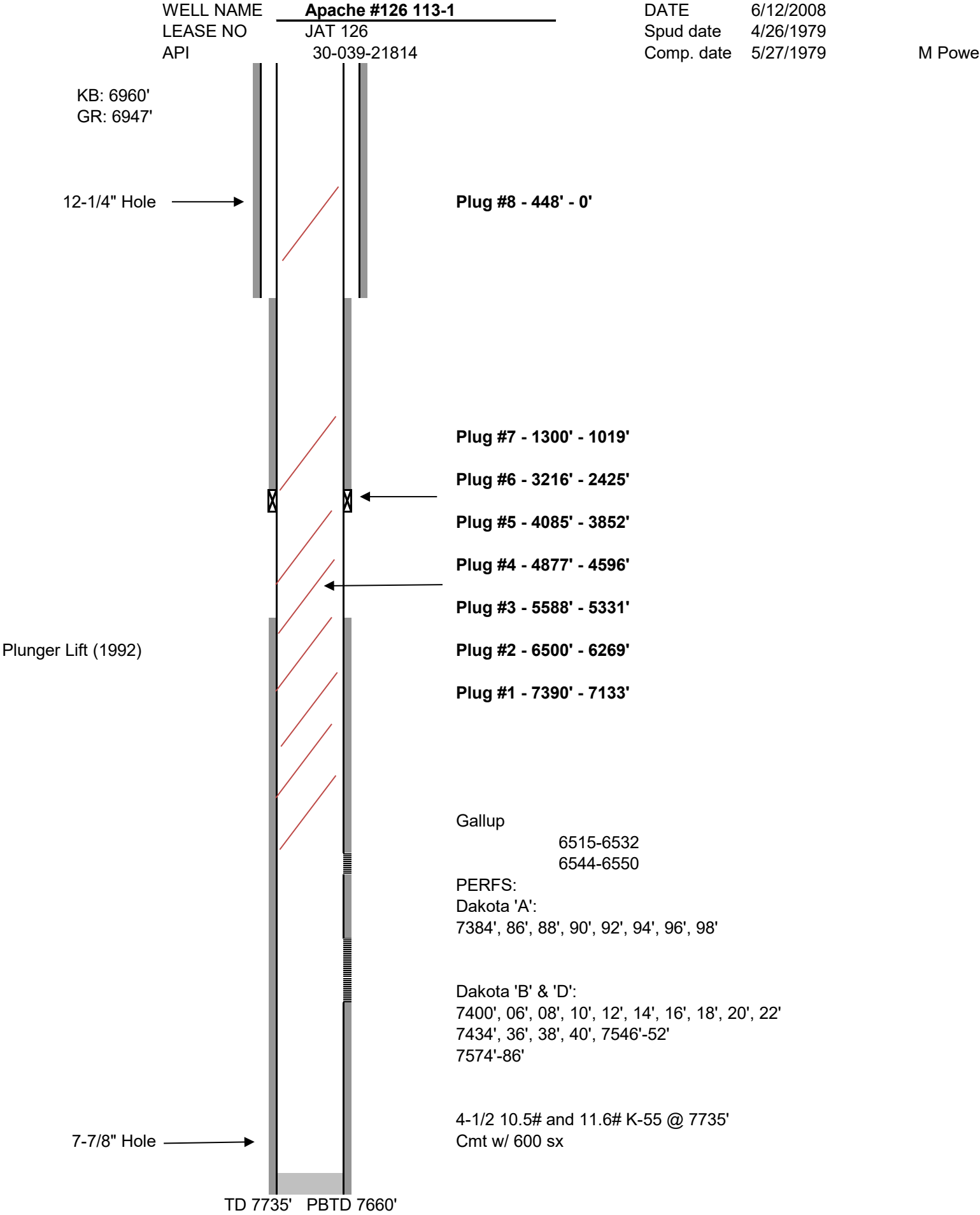
PLUG #4: 62 sxs – 4877 - 4596'. Leaving 40 sxs outside csg, 4 sxs inside csg below, 18 sxs inside csg above CR and displace w/ 17.5 bbls

PLUG #5: 18 sxs w/ 2% CC 4085' - 3852' displace w/ 14.5 bbls

PLUG #6: 62 sxs w/ 2% CC 3216'-2425'. Displace w/ 9 bbls

PLUG #7: 57 sxs w/ 2% CC 1300' – 1019'. Pressure to 1250 PSI the decision was to begin displacement and S/O. Leave 35 sxs outside csg and 4 sxs inside csg below CR. 18 SXS inside csg and above CR displace w/ 3.5 bbls.

PLUG #8: 143 sxs 448- 0-. Good cement returns through csg and BH valve.



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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 265764

CONDITIONS

Operator: High River Resources Operating, LLC 2700 Farmington Ave FARMINGTON, NM 87401	OGRID: 328985
	Action Number: 265764
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 8/10/2023 - for record only	9/20/2023