

Well Name: AVALON FED 32	Well Location: T20S / R27E / SEC 32 / NENE / 32.533858 / -104.2991048	County or Parish/State: EDDY / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM15869	Unit or CA Name: AVALON FEDERAL 32 COM	Unit or CA Number: NMNM72045
US Well Number: 3001522477	Operator: SAN MARCO PETROLEUM INC	

Subsequent Report

Sundry ID: 2890072

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 01/09/2026

Time Sundry Submitted: 12:48

Date Operation Actually Began: 11/11/2025

Actual Procedure: San Marco Petroleum has plugged and abandoned the well in question. All plugs were designed according to BLM and NMOCD standards. Plugs were witnessed and reviewed by BLM inspectors during the job. Attached documents show final plugged wellbore diagram, final cement placement and service company logs

SR Attachments

Actual Procedure

Avalon_Fed_32__1___Final_P_A_Regulatory_Submission_Packet_20260109124845.pdf

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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: HAYDEN WAMBACH

Signed on: JAN 09, 2026 12:48 PM

Name: SAN MARCO PETROLEUM INC

Title: VP Operations

Street Address: 945 S BIRCH ST

City: DENVER

State: CO

Phone: (303) 514-0757

Email address: HAYDENW@TAQENERGY.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JAMES A AMOS

BLM POC Title: Acting Assistant Field Manager

BLM POC Phone: 5752345927

BLM POC Email Address: JAMOS@BLM.GOV

Disposition: Accepted

Disposition Date: 02/06/2026

Signature: James A Amos

San Marco Petroleum													
WBD - Final Plugged & Abandoned													
Well Name:		Avalon Federal 32 #1		GL (ft):		3,201		Sec:		32			
API:		3001522477		Lat:		32.5338500		Twn:		20S			
Field:		Avalon		Long:		-104.2991000		Rng:		27E			
								S/T/R:		NENE 32 20S 27E			
Date Updated: 12/7/2025													
	Casing and Tubulars												
	String	Top (rKB')	Bottom (rKB')	OD (in)	ID (in)	Wt. (lb/ft)	Grade:	Hole (in):					
	Surface	Surf	586	13.375	12.615	54.50	J55	17.5					
	Intermediate	Surf	2,887	8.625	7.921	40.00		12.25					
	Production	Surf	10,856	5.500	4.89	17.00		7.875					
	Formations					Cement							
	Zone	Top (rGL')		String							Top (rGL')	Bottom (rKB')	Method
	Delaware	2,340		Surface							0	586	Calc
	Bone Springs	5,665		Intermediate							0	2887	Calc
	Third Bone Springs	7,700		Production							8445	10856	CBL
Wolfcamp	8,088												
Strawn	9,246												
Atoka	9,864												
Morrow	10,437												
Perforations					Downhole Tools								
Zone	Top (rKB')		Bottom (rKB')		Item				Depth (rKB')	Bottom (rKB')	Size (in)		
Surface/Surface Shoe	100		101		CIBP				9440	9441	5.5		
Delaware	2390		2391		CIBP				10471	10472	5.5		
Int Shoe	2937		2938										
Bone Springs	5715		5716										
Strawn	8888		8889										
Atoka	9490		10846										
Morrow	10566		10846										
Abandonment Plugs													
Coverage	Plug Split	Top (rKB')	Bottom (rKB')	Height (ft)	Volume (sks)	Pump Type	Cement Class	Mech. Isolation					
Surface/Surface Shoe	Internal	Surf	636	636	73	Squeeze	C						
	Annulus	Surf	636	636	80								
	Total				178								
Capitan Reef	Internal	1,064	1,350	286	40	Squeeze	C						
	Annulus	1,284	1,350	66	60								
	Total				35								
Delaware	Internal	2,226	2,390	164	15	Squeeze	C						
	Annulus	2,226	2,390	164	25								
	Total				40								
Int Shoe	Internal	2,788	2,937	149	15	Squeeze	C						
	Annulus	2,788	2,937	149	30								
	Total				45								
Bone Springs	Internal	5,529	5,715	186	20	Squeeze	C						
	Annulus	5,529	5,715	186	40								
	Total				60								
Wolfcamp	Internal	7,896	8,209	313	35	Balanced	H						
Canyon	Internal	8,668	8,953	285	35	Balanced	H						
Top Perf/CIBP	Internal	9,162	9,440	278	30	Balanced	H	CIBP					
Morrow	Internal	10,233	10,471	238	25	Balanced	H	CIBP					
Design Considerations													
All displacement fluid is 9ppg treated displacement brine													
Wellbore fluids contain 5 gal corrosion inhibitor and 5 gal biocide per 100 bbl of fluid													

Plugging Report
San Marco Petroleum, Inc.
Avalon 32 Federal Com #1
API 30-015-22477
J&B: Well Servicing, LLC
Bobby Stearns 575-760-2482

11/11/2025 Move in and rig up. Dug out cellar to intermediate head to replace the connections. There was a bad 2" valve on the intermediate head. Worked to get open about ¼ of the way. Significant pressure. Bled down for approximately 5 hrs. The last hour it started kicking gas cut oil. Was able to get a connection on the valve in order to plumb to the steel pit. Shut in and shut down.

11/12/2025 Opened up intermediate head to the steel pit. Killed tubing and casing. Installed BOP. Worked to packer. Would not come free. Called for tool hand. Released packer. POOH 10 stands and got stuck. Worked free. Stood back 35 stands. SISD.

11/13/2025 Finished pulling tubing. 305 joints 2 3/85" tubing. Lockset packer on the end. RIH with tubing from the well and picked up 33 joints of work string. Tagged up at 10471'. Circulated well clean and spot 25 sx Class H cement. POOH with 20 stands. SISD

11/14/2025 Tagged cement at 10233'. Laid down the 33 joints of workstring and POOH with tubing. Set 5.5" CIBP at 9440'. Ran RCBL. TOC at 8445' with some scattered bonding at 8010' to 8050'. SISD

11/17/2025 RIH with tubing and tagged the CIBP at 9440'. Pressure tested casing for 30 minutes at 550#. Good. Spot 30 sx Class H cement with CaCl on top of CIBP. WOC and tagged at 9162'. POOH to 8953' and spot 35 sx Class H cement. POOH 30 stands and SION.

11/18/2025 Perforated at 8138'. Set packer and pressured up to 900# and held. Bled down at the truck relief valve and repeated to 1000# and held. Called BLM engineer Zota Stevens and reported. Will perforate at 8000' and attempt squeeze again. This was done to get above partial bonding that shows on the log from 8010' to 8050'. Perforated at 8000'. Reset the packer and pressured up on perforations to 800# and held. Bled down at truck and repeated to 900# with the same results. Released packer and SION.

11/19/2025 POOH with tubing and packer. RIH with tubing to 8209' and spot 35 sx Class H cement with CaCl as per Zota Stevens with the BLM. WOC and tagged at 7896'. Stood back 93 stands and laid down remaining tubing. Perforated at 5715'. SISD

11/20/2025 Did not work due to poor weather

11/21/2025 RIH with tubing and set packer at 5390'. Established circulation at the intermediate head and squeezed perforations at 5715' with 60 sx Class C cement W/CaCl. WOC and tagged at 5529'. POOH and perforated at 2937'. Set packer at 2602' and squeezed with 45 sx cement. Left packer set and shut down. Will tag Monday

11/24/2025 Released packer and tagged cement at 2788'. POOH and perforated casing at 2390'. Set packer at 2044' and squeezed with 40 sx Class C with CaCl. WOC 4 hrs and tagged at 2226'. POOH and perforated casing at 1350'. Set packer at 991' and squeezed perforations with 35 sx Class C cement. Left packer set. SISD

11/25/2025 Tagged cement at 1281'. 45' low. Caught circulation and tested plug to 600# and held. Called BLM. Spot 25 sx Class C cement at 1281'. POOH with tubing. Did not tag as per Gariel Beneway with the BLM. Perforated casing at 636'. Circulated cement in/out 5 1/2" casing with 155 sx Class C cement. Rigged down, dug out and removed the wellhead. Fill up 5 1/2" and 8 5/8" casing with 1/2 sack of cement. Installed standard marker. Move out.



Customer:	San Marco Petroleum		Supervisor	Bobby Stearns		Ticket Number:			
Well Name:	Avalon 32 Fed Com #001		Rig no/Cement no	J&B Well Servicing		Date:			
Cement Program Summary									
Final Cement Report									
Cement Plugs									
Plug Name	Morrow	Top Perf/CIBP	Plug	Wolfcamp	Bone Springs	Int Shoe	Delaware	Capitan Reef	Surface/Surface Shoe
Date Pumped	11/13/2025	11/14/2025	11/17/2025	11/19/2025	11/21/2025	11/21/2025	11/24/2025	11/24/2025	11/25/2025
Plug Type	Balanced	Balanced	Balanced	Balanced	Squeeze	Squeeze	Squeeze	Squeeze	Squeeze
Isolation	None	CIBP	None	None	None	None	None	None	None
Isolation Depth (ft)	-	9440	-	-	-	-	-	-	-
Casing Size (in")	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Top of Plug (ft')	10223	9162	8644	7896	5529	2788	2226	1281/1028	0
Bottom of Plug (ft')	10471	9440	8952	8209	5715	2937	2390	1350	636
Plug Height	248	278	308	313	186	149	164	322	636
Cement Volume (sks)	25	30	35	35	60	45	40	35/25	155
Type of Cement	Class H	Class H	Class H	Class H	Class C	Class C	Class C	Class C	Class C
Tagged (Y/N)	Y	Y	N	Y	Y	Y	Y	Y/N	Visual to surface
Comments	Tagged at 10223	Tag at 9,162		Tagged at 7896	Tagged at 5529	Tagged at 2788	Tagged at 2226	Tagged at 1281	Cement to surface

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 553286

CONDITIONS

Operator: SAN MARCO PETROLEUM INC. 240 Milwaukee Denver, CO 80206	OGRID: 19575
	Action Number: 553286
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	2/12/2026