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State of New Mexico  
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

Form C-103  
 Revised July 18, 2013

WELL API NO. 30-025-51865	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name SALT CREEK AGI	
8. Well Number 3	
9. OGRID Number 331501	
10. Pool name or Wildcat AGI; Delaware	
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> ACID GAS INJECTION 2. Name of Operator Northwind Midstream Partners, LLC 3. Address of Operator 825 Town and Country Ln; Bldg. 5, Suite 700 Houston, TX 77024 4. Well Location Unit Letter L : 2,329 feet from the SOUTH line and 278 feet from the WEST line Section 21 Township 26S Range 36E NMPM County LEA 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2,926' (GR)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input checked="" type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

On September 29, 2023, the 16-inch first intermediate casing was installed in a 21-inch, 2,554 ft. borehole. The casing shoe was set at a depth of 2,554 feet and cemented with 310 sacks of 12.5 lbs/gal (2.08 ft<sup>3</sup>/sack) lead cement and 2,300 sacks of 13.5 lbs/gal (1.81 ft<sup>3</sup>/sack) tail cement in a single stage, as summarized below and with 531 sacks of cement successfully circulated to surface. The cement plug was landed at approximately 9:41 p.m. (Mountain Time). The casing summary report and Halliburton cementing activity report are attached.

Casing	Joints	Size	Wt. (lb/ft)	Grade	Thread	Set Depth	Cement	Type/Class	Sacks	Yield
1st Int.	56	16"	75	J-55	BTC	0' - 2,554'	Lead	EconoCem	310	2.08 cu ft/sk
							Tail	ExtendaCem	2,300	1.81 cu ft/sk

Prior to drilling out the casing shoe, crews waited on cement for at least eight (8) hours. To confirm casing integrity, the 16-inch casing was successfully pressure tested and held at 1,500 psi for 30 minutes. Results of the casing pressure test are included in the attached cementing activity report.

Spud Date:

September 12, 2023

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Consultant to Northwind DATE 10/08/2023  
 Type or print name David A. White, P.G. E-mail address: dwhite@geolex.com PHONE: 505-842-8000

For State Use Only

APPROVED BY: TITLE DATE

## CASING AND CEMENTING SUMMARY REPORT

**Permian Oilfield Partners****Casing and Cementing Report**Foreman: SP/OJ-CWell Name: Salt Creek AGI #3 Date: 09/29/23Section: 21 Township 26S Range 36ESurface: Intermediate: X Production:  Liner: Casing Point/TD Time: 4:30 PM TD Date: 09/23/23 Total Depth: 2550

Casing Ran:	<u>1</u>	<u>Halliburton FS</u>	<u>1.78</u>
	<u>1</u> Jt	<u>16" 75# J55 BTC</u>	<u>47.00</u>
	<u>1</u>	<u>Halliburton FC</u>	<u>1.13</u>
	<u>55</u> Jts	<u>16" 75# J55 BTC</u>	<u>2504.21</u>
		Total Length	<u>2554.12</u>
		Less above KB	<u>4.12</u>
		Casing set @	<u>2550.00</u>

Cementing Company: Halliburton DV tool top:  Liner top: 

## 1st Stage Cement Slurry:

1st Lead: 310 sks Halliburton EconoCem lead cmt "neat"Yield: 2.08 Cuft/sk Weight: 12.5 PPG2nd Lead: Yield:  Cuft/sk Weight:  PPGTail: 2300 sks ExtendaCem lead cmt w/0.3% HR-800Yield: 1.81 Cuft/sk Weight: 13.5 PPG2nd Tail: Yield:  Cuft/sk Weight:  PPGPlug Down Time: 8:40 PM Date: 09/29/23 Bump plug? YesLift Pressure 620 psi @ 4 bbls/min Circulated: 531 sacksDisplaced casing w/ 556 bbls of Mud ( type of fluid )

## 2nd Stage Cement Slurry:

1st Lead: Yield:  Cuft/sk Weight:  PPGTail: Yield:  Cuft/sk Weight:  PPGPlug Down Time:  Date:  Closed DV tool with  psiLift Pressure  psi @  bbls/min Circulated:  sacksDisplaced casing with  bbls of  ( type of fluid )Regulatory Field Rep notified: Gilbert Corderro w/NMOCD Witnessed: No

Additional Remarks: Circulated 531 sks cement to the cellar.  
Test csg to 1500 psi for 30 mins, held ok. RD Halliburton cementers. WOC.

## CEMENTING ACTIVITY REPORT (HALLIBURTON)

16" casing inside 20"

# HALLIBURTON

iCem® Service

## PERMIAN OILFIELD PARTNERS LLC-EBUS

For:

Date: Friday, September 29, 2023

SALT CREEK AGI

Case 1

Job Date: Friday, September 29, 2023

Sincerely,

Damian A. Brown

## 1.0 Real-Time Job Summary

## 1.1 Job Event Log

Type	Seq No.	Activity	Graph Label	Date	Time	Source	Pump B Pressur e (psi)	Dwnhol e Density (ppg)	Cmb Pump Rate (bbl/mi n)	Comments
Event	1	Call Out	Call Out	9/29/20 23	08:25:5 7	USER				Crew called out to AKITA 518 PERMIAN OILFIELD PARTNERS LLC-EBUS SALT CREEK AGI/3 392189 CMT MULTIPLE STAGES BOM - SO# 0908862978
Event	2	Crew Leave Yard	Crew Leave Yard	9/29/20 23	11:56:4 2	USER				
Event	3	Arrive at Location from Other Job or Site	Arrive at Location from Other Job or Site	9/29/20 23	14:03:4 9	USER				Requested on location time of 1400 CST
Event	4	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	9/29/20 23	14:15:0 9	USER				Review JSA and planned out rig up.
Event	5	Rig-Up Equipment	Rig-Up Equipment	9/29/20 23	14:21:1 5	USER				Watch for hammer swings, hand placement and practice proper lifting technique while lifting iron.
Event	6	Standby - Other -	Standby - Other -	9/29/20	16:21:2	USER				Rig currently "on-

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Created: Friday, September 29, 2023

		see comments	see comments	23	4					bottom" circulating.
Event	7	Pre-Job Safety Meeting	Pre-Job Safety Meeting	9/29/2023	17:38:51	USER	-68.89	8.28	0.00	Review job procedure & JSA. Emphasis on hand and finger safety, red zone barrier, and body placement during job
Event	8	Start Job	Start Job	9/29/2023	17:54:12	NONE	-70.99	0.04	0.00	
Event	9	Prime Pumps	Prime Pumps	9/29/2023	18:02:46	NONE	-138.07	8.16	0.00	Pumped 2 bbls of freshwater to prime lines from cement unit to well. 2 bpm. 45 psi.
Event	10	Pump Spacer 1	Pump Spacer 1	9/29/2023	18:03:39	NONE	-148.39	8.15	0.00	Pumped 20 bbls of freshwater w/gel and red dye @ 4 bpm. 127 psi.
Event	11	Pump Cement	Pump Cement	9/29/2023	18:10:02	NONE	-43.91	8.20	4.47	Pumped 115 bbls of lead cement @ 6 bpm. 168 psi. {310 sks, 12.5 ppg, 2.078 yield, 11.59 gal/sk}
Event	12	Pump Tail Cement	Pump Tail Cement	9/29/2023	18:30:44	NONE	143.77	13.07	6.23	Pumped 741 bbls of tail cement @ 7 bpm. 359 psi. {2300 sks, 13.5 ppg, 1.81 yield, 9.71 gal/sk} Calculated height of tail cement: 2554'

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 (v. 7.0.192.0)



										Calculated top of tail cement: Surface (292 bbls of cement to surface)
Event	13	Shutdown	Shutdown	9/29/2023	20:11:56	USER	-55.30	10.83	0.00	Shutdown to drop pre-loaded top plug.
Event	14	Drop Top Plug	Drop Top Plug	9/29/2023	20:13:07	NONE	-56.81	10.78	0.00	Dropped top plug. Verified plug left cement head via outside indicator.
Event	15	Pump Displacement	Pump Displacement	9/29/2023	20:13:13	NONE	-57.36	10.74	0.00	Pumped 556 bbls of displacement (10 bbls of cement on top of plug, 20 bbls of freshwater, 526 bbls of 9.2 lb. rig mud) @ 7 bpm. Slowed rate to 4 bpm to land top plug approx. 500 psi over final lift pressure.
Event	16	Bump Plug	Bump Plug	9/29/2023	21:41:53	NONE	233.15	8.26	0.00	Top plug landed. 646 psi - 1105 psi. 200 bbls / 573.35 sks of cement to surface. Checked floats - 2 bbls back to surface. Floats held.
Event	17	Other	Casing Test	9/29/2023	21:44:46	NONE	650.55	8.30	0.98	Pressured up to 1500 psi for 30-minute casing test.

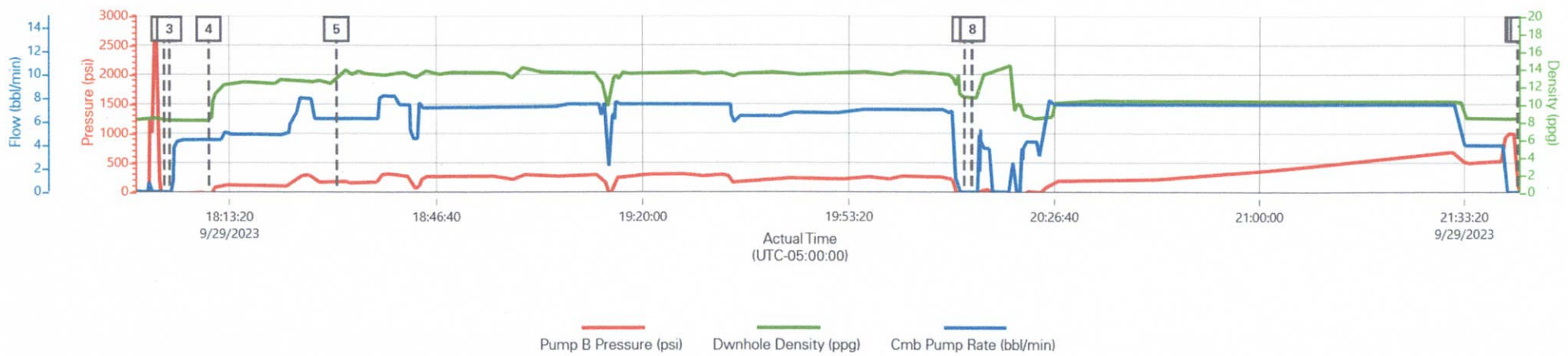
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 (v. 7.0.192.0)

Created: Friday, September 29, 2023



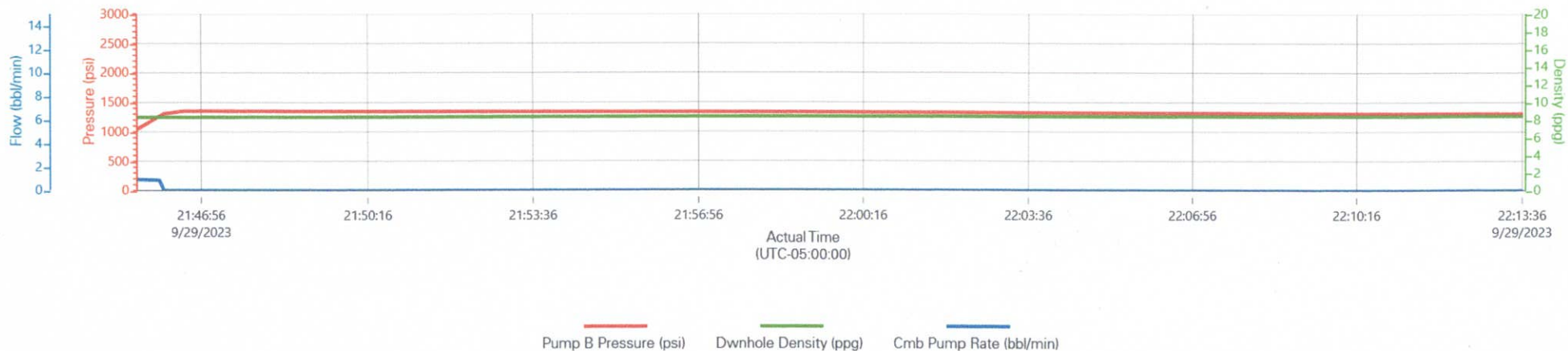
Event	18	End Job	End Job	9/29/20 23	22:19:1 3	NONE	
Event	19	Rig-Down Equipment	Rig-Down Equipment	9/29/20 23	22:24:2 0	USER	
Event	20	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	9/29/20 23	23:41:2 6	USER	Review route to be taken & JSA.
Event	21	Crew Leave Location	Crew Leave Location	9/29/20 23	23:52:4 3	USER	Thank you for using Halliburton - Damian A. Brown

AKITA 518 PERMIAN OILFIELD PARTNERS LLC-EBUS SALT CREEK AGI3 392189 CMT MULTIPLE STAGES BOM - SO# 0908862978



Cas. Test

AKITA 518 PERMIAN OILFIELD PARTNERS LLC-EBUS SALT CREEK AGI3 392189 CMT MULTIPLE STAGES BOM - SO# 0908862978





**HALLIBURTON****Cementing Job Summary***The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 385331		<b>Ship To #:</b> 9181954		<b>Quote #:</b> 0023090213		<b>Sales Order #:</b> 0908862978	
<b>Customer:</b> PERMIAN OILFIELD PARTNERS LLC-EBUS				<b>Customer Rep:</b> Permian Oilfield Co. Rep.			
<b>Well Name:</b> SALT CREEK AGI			<b>Well #:</b> 3		<b>API/UWI #:</b> 30-025-51865-00		
<b>Field:</b>		<b>City (SAP):</b> JAL		<b>County/Parish:</b> LEA		<b>State:</b> NEW MEXICO	
<b>Legal Description:</b>							
<b>Contractor:</b> AKITA DRLG				<b>Rig/Platform Name/Num:</b> AKITA 518			
<b>Job BOM:</b> 392189 392189							
<b>Well Type:</b> INJECTION							
<b>Sales Person:</b> HALAMERICA\HBAQ995				<b>Srvc Supervisor:</b> Damian Brown			
<b>Job</b>							

<b>Formation Name</b>	
<b>Formation Depth (MD)</b>	<b>Top</b>
<b>Form Type</b>	<b>BHST</b>
<b>Job depth MD</b>	3100ft
<b>Water Depth</b>	<b>Wk Ht Above Floor</b>
<b>Perforation Depth (MD)</b>	<b>From</b>
	<b>To</b>

**Well Data**

Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing		20	18.73	133			0	1279		
Casing		16	15.124	75	BTC	L-80	0	2554		
Open Hole Section			26				1277	2100		
Open Hole Section			21				2100	2554		

**Tools and Accessories**

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	16			2554	Top Plug	16		HES
Float Shoe	16				Bottom Plug	16		HES
Float Collar	16				SSR plug set	16		HES
Insert Float	16				Plug Container	16		HES
Stage Tool	16				Centralizers	16		HES

**Fluid Data****Stage/Plug #: 1**

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	Gel Spacer w/Red Dye	Gel Spacer w/Red Dye	20	bbl	8.4			3	
0.1 lbm/bbl		RHODAMINE RED LIQUID DYE # 2 (101201084)							
2.5 lbm/bbl		WG-36, 50 LB BAG (101627238)							

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
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**HALLIBURTON****Cementing Job Summary**

2	EconoCem™ Lead Cement	ECONOCHEM (TM) SYSTEM	310	sack	12.5	2.078		5	11.59
0.6 %		HR-800, 50 LB SACK (101619742)							
<b>Fluid #</b>	<b>Stage Type</b>	<b>Fluid Name</b>	<b>Qty</b>	<b>Qty UoM</b>	<b>Mixing Density lbm/gal</b>	<b>Yield ft3/sack</b>	<b>Mix Fluid Gal</b>	<b>Rate bbl/min</b>	<b>Total Mix Fluid Gal</b>
3	ExtendaCem™ Tail Cement	EXTENDACHEM (TM) SYSTEM	2300	sack	13.5	1.81		5	9.71
0.25 lbm		D-AIR 5000, 50 LB SACK (102068797)							
94 lbm		CMT - PREMIUM PLUS - CLASS C REG OR TYPE III, BULK (100012205)							
4 %		BENTONITE, BULK (100003682)							
5 %		SALT, BULK (100003695)							
0.3 %		HR-800, 50 LB SACK (101619742)							
9.6 Gal		FRESH WATER							
<b>Fluid #</b>	<b>Stage Type</b>	<b>Fluid Name</b>	<b>Qty</b>	<b>Qty UoM</b>	<b>Mixing Density lbm/gal</b>	<b>Yield ft3/sack</b>	<b>Mix Fluid Gal</b>	<b>Rate bbl/min</b>	<b>Total Mix Fluid Gal</b>
4	Displacement	Displacement	556.2	bbl	8.4			4	
<b>Cement Left In Pipe</b>	<b>Amount</b>	40 ft			<b>Reason</b>			<b>Shoe Joint</b>	
<b>Mix Water:</b>	<b>pH ##</b>	<b>Mix Water Chloride:</b> ## ppm			<b>Mix Water Temperature:</b> ## °F °C				
<b>Cement Temperature:</b> ## °F °C		<b>Plug Displaced by:</b> ## lb/gal kg/m3 XXXX			<b>Disp. Temperature:</b> ## °F °C				
<b>Plug Bumped?</b> Yes/No		<b>Bump Pressure:</b> ##### psi MPa			<b>Floats Held?</b> Yes/No				
<b>Cement Returns:</b> ## bbl m3		<b>Returns Density:</b> ## lb/gal kg/m3			<b>Returns Temperature:</b> ## °F °C				
<b>Comment:</b> 200 bbls / 573.35 sks of cement to surface.									

**HALLIBURTON**

Permian Basin, Odessa

Lab Results – Lead

**Job Information**

Request/Slurry	2819925/2	Rig Name	Akita 518	Date	21/SEP/2023
Submitted By	Olvin Hernández	Job Type	Intermediate Casing	Bulk Plant	Odessa, TX
Customer	Permian Oilfield Partners	Location	Lea	Well	Salt Creek AGI #3

**Well Information**

Casing/Liner Size	16 in	Depth MD	2440 ft	BHST	36°C / 97°F
Hole Size	18.5 in	Depth TVD	2440 ft	BHCT	31°C / 87°F
Pressure	3010 psi				

**Cement Information - Lead Design**

Conc	UOM	Cement/Additive	Cement Properties		
		EconoCem	Slurry Density	12.5	lbm/gal
100	% BWOC	Cement Blend	Slurry Yield	2.08	ft3/sack
			Water Requirement	11.59	gal/sack
			Water Source	Fresh Water	

**Pilot Test Results Request ID 2782961/2****Thickening Time - Thixotropic Cup, Request Test ID:39518574, Historical Data**

Temp (degF)	Reached in (min)	Pressure (psi)	Start Bc	26 Bc (hh:mm)
93	15	3000	10.4	7:03

**UCA Comp. Strength, Request Test ID:39516921, Historical Data**

End Temp (degF)	Pressure (psi)	50 psi (hh:mm)	100 psi (hh:mm)	500 psi (hh:mm)	1000 psi(hh:mm)	8hr CS (psi)	12 hr CS (psi)	16 hr CS (psi)	24 hr CS (psi)	48 hr CS (psi)	72 hr CS (psi)	End CS (psi)	End Time (hrs)
114	4000	3:09	3:54	10:06	25:00	401	572	716	969	1500	1776	1908	91

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**HALLIBURTON**

Permian Basin, Odessa

Lab Results – Tail

**Job Information**

<b>Request/Slurry</b>	2818137/1	<b>Rig Name</b>	Akita 518	<b>Date</b>	21/SEP/2023
<b>Submitted By</b>	Olvin Hernández	<b>Job Type</b>	Intermediate Casing	<b>Bulk Plant</b>	Odessa, TX
<b>Customer</b>	Permian Oilfield Partners	<b>Location</b>	Lea	<b>Well</b>	Salt Creek AGI #3

**Well Information**

<b>Casing/Liner Size</b>	16 in	<b>Depth MD</b>	2440 ft	<b>BHST</b>	36°C / 97°F
<b>Hole Size</b>	18.5 in	<b>Depth TVD</b>	2440 ft	<b>BHCT</b>	31°C / 87°F
<b>Pressure</b>	3010 psi				

**Cement Information - Lead Design**

<u>Conc</u>	<u>UOM</u>	<u>Cement/Additive</u>	<u>Cement Properties</u>		
		ExtendaCem	Slurry Density	13.5	lbm/gal
100	% BWOC	Cement Blend	Slurry Yield	1.81	ft <sup>3</sup> /sack
			Water Requirement	9.71	gal/sack
			Water Source	Fresh Water	

**Pilot Test Results Request ID 2818137/1****Thickening Time, Request Test ID:40027948**

Temp (degF)	Pressure (psi)	Reached in (min)	Start BC	70 Bc (hh:mm)	Termination Time	Termination BC
87	3010	45	10:7	05:29	06:04	104

**UCA Comp. Strength, Request Test ID:40027950**

End Temp (degF)	Pressure (psi)	50 psi (hh:mm)	100 psi (hh:mm)	500 psi (hh:mm)	1000 psi (hh:mm)	8hr CS (psi)	12 hr CS (psi)	16 hr CS (psi)	End CS (psi)	End Time (hrs)
98	3000	02:44	03:34	07:35	14:44	543	862	1092	1237	21

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<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 273866

CONDITIONS

Operator: Northwind Midstream Partners LLC 811 Louisiana St Houston, TX 77002	OGRID: 331501
	Action Number: 273866
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
jeffrey.harrison	None	5/22/2025