

Exhibit 12

Well: Needmore Scibienski D 140H Nabor: X33 FE: 42-479-45362 481 Permit No: 908348		State: Texas County: Webb GAU#: 386551 Drill Order: TBD		X Coord: 1608652 Y Coord: 750258 RKB: 32.5 Grd Lvl: 285		Directional: MWD: Mud: Cement:		Needmore Scibienski D 140H																																					
BHA Information 24 - 30 1 5.5" DP (Delta576) 2 X/O 6.5/8" REG pin, Delta544 box 1 8" NMDC Slick 1 UBHO 1 11.3/4" 1 Blade Spiral Stabilizer Motor 8-3/8" 7/8 7.0 FBH 1.5" (11-3/4" NBS) (0.18 RPO) (PV FT-003) Bit 13.5" T80		Drilling Parameters TD RPM: 50 - 100 RPM Max WOB: 80 kbs Max ROP: 1500 ft/hr Max Torque: < 38K ft-lbs Max DiffP: 1,550 psi Flow Rate: 900 GPM		Formation Tops MD TVD 1,900' MD 1,900' TVD GAU 1,000' - 1,600' 1,000' - 1,600' Carizo		Casing and Cement Design Casing Dimension: 8" x 8" Conductor: 20" at 120' Top of Lead Surface Top of Tail 3160' MD 10 3/4" Shoe: 3,950' MD Expected FIT: 14.5 ppg EMW		Mud Surface Hole - Fresh Water Density (ppg): 84-9.5 PV (cP): 1-3 YP (lb/100ft ²): 1-3 LGS %: <6% pH: 6.5 - 7.0 FV: 28-32 Pre-Treat with 64x 5 gal soap and 1.0ppb SAPP; 4 sbs SAPP / 5 sds; 3 soap and 2 SAPP sticks per stand Drilling Treatment 4 sbs SAPP / 5 sds drilled Water and landfill sources from other stand Production Hole - OBM (Clay Free) Density (ppg): 11.5-13.5 PV (cP): 20-25 YP (lb/100ft ²): >10 LGS %: <8% HTHP: <10 ES: >600 OWR: 75/25		Cement Surface Cement to Surface <table border="1"> <tr> <th>System</th> <th>Spacer</th> <th>Lead</th> <th>Tail</th> <th>Dis</th> </tr> <tr> <td>Fluid:</td> <td>H2O</td> <td>ECONOCEM</td> <td>HALCEM</td> <td>FV</td> </tr> <tr> <td>Volume (bbl):</td> <td>50</td> <td></td> <td>15</td> <td>8.1</td> </tr> <tr> <td>Density (ppg):</td> <td>8.3</td> <td>12</td> <td>1.92</td> <td>1.06</td> </tr> <tr> <td>Yield (ft³/sk):</td> <td>n/a</td> <td>1.92</td> <td>1.06</td> <td></td> </tr> <tr> <td>Mix H2O (gal/sk):</td> <td>n/a</td> <td>11.02</td> <td>5.06</td> <td></td> </tr> </table> 100% Excess Lead / 30% Excess Tail Surface Lead Cement ECONOCEM Cement Top of Lead: Surface Surface Tail Cement HALCEM Cement Tail Fill: 790' MD Top of Tail: 3,160' MD Displace with fresh water		System	Spacer	Lead	Tail	Dis	Fluid:	H2O	ECONOCEM	HALCEM	FV	Volume (bbl):	50		15	8.1	Density (ppg):	8.3	12	1.92	1.06	Yield (ft ³ /sk):	n/a	1.92	1.06		Mix H2O (gal/sk):	n/a	11.02	5.06					
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Confirm BHA with engineer(s) prior to PU Have a backup 8-3/8" 7/8 7.0 FBH 1.5" (11-3/4" NBS) and 8-3/8" 7/8 7.0 FBH 2.00" (Slick)		Confirm DAS Optimization Mode Parameters per DAS Roadmap		TD RPM: 50 - 80 RPM Max WOB: 75 kbs Max ROP: 500 ft/hr Max Torque: < 38K ft-lbs Max DiffP: 1,635 psi Flow Rate: 650 - 750 GPM		TD RPM: 50 - 80 RPM Max WOB: 75 kbs Max ROP: 500 ft/hr Max Torque: < 38K ft-lbs Max DiffP: 1,635 psi Flow Rate: 650 - 750 GPM		TD RPM: 0 - 30 RPM Max WOB: 75 kbs Max ROP: 500 ft/hr Max Torque: < 38K ft-lbs Max DiffP: 1,635 psi Flow Rate: 650 - 750 GPM		TD RPM: 70 - 80 RPM Max WOB: 75 kbs Max ROP: 500 ft/hr Max Torque: < 38K ft-lbs Max DiffP: 1,635 psi Flow Rate: 650 - 750 GPM Utilize DAS DMP and Temp Derating Confirm DAS Optimization Mode Parameters per DAS Roadmap		NEEDMORE- SCIBIENSKI D 140H NEEDMORE- SCIBIENSKI D 140H WELL LAYOUT		KOP Curve: 9929' MD EOC: 10,975' MD Curve built on Catenary DLS DLAT: 19,316' MD TD: 30,291' MD BHCT at TD: 330' F		LCM Treatment Refer to Pre-Spud Handout Adjust volume and concentrations accordingly. Verify concentrations with down hole tool providers.		Weight up Schedule Drill Out 11.5 Tangent 11.5-12.0 Curve 12.0-13.0 Lateral (TD) 13.0-13.5		Production Hole <table border="1"> <tr> <th>System</th> <th>Tuned</th> <th>Primary</th> <th>Dis</th> </tr> <tr> <td>Fluid:</td> <td>Spacer</td> <td>Thermacem</td> <td>NaC</td> </tr> <tr> <td>Volume (bbl):</td> <td>75</td> <td>n/a</td> <td>14.8</td> </tr> <tr> <td>Density (ppg):</td> <td>14.5</td> <td>n/a</td> <td>1.337</td> </tr> <tr> <td>Yield (ft³/sk):</td> <td>n/a</td> <td>n/a</td> <td>5.7</td> </tr> <tr> <td>Mix H2O (gal/sk):</td> <td>n/a</td> <td>n/a</td> <td></td> </tr> </table> 20% Excess on Primary Cement / TOC 2,000' inside casing Primary Cement THERMACEM HR-12 Estimated TOC: 1,950' MD Displace first 5 bbls with HR-25 treated water (Retarder Water), drop plug displace 35 bbls HR-25 treated water, remaining displacement with 10.0% NaC brine (with biocide). Rupture disc/plug and overdisplace by 15 bbl		System	Tuned	Primary	Dis	Fluid:	Spacer	Thermacem	NaC	Volume (bbl):	75	n/a	14.8	Density (ppg):	14.5	n/a	1.337	Yield (ft ³ /sk):	n/a	n/a	5.7	Mix H2O (gal/sk):	n/a	n/a	
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Mix H2O (gal/sk):	n/a	n/a																																											
Wellhead and Casing Information														Wellhead Data																															
Casing	Length (from KB)	OD	Weight	Grade	Connection	Minimum MUT ft/lbs	Optimum MUT ft/lbs	Max MUT ft-lbs	Max Operating Torque ft-lbs	ID	Tensile kips	Collapse psi	Burst psi	Shoetrack # of Jts	Centralizers	Necessary Equipment/Personnel																													
Conductor	120'	20"			Welded					19.25					N/A	N/A																													
Surface	3,950	10 3/4"	45.5#	J55	BTC			Triangle		9,950	715	2,090	3,580	2	Bowstring every other joint to surface (Rig Bid)	CRT																													
Production (Top)	Surface - 7,000'	5 1/2"	23#	VA-XP-P110	TEC-LOCK WEDGE (TLW)	15,100	18,800	41,100	41,100	4.67	729	15,650	15,770	-	One single piece bow centralizer every other jt from shoe to 2,000' inside Surface Cag (Eagle Ford / Olmos)	CRT / Torque Turn / Thread Rep																													
Production (Bottom)	7,000' - 30,291'	5 1/2"	23#	VA-EP-P110	TEC-LOCK WEDGE (TLW)	16,600	20,700	44,700	44,700	4.67	759	16,350	16,510	Wetshoe (TLW)	One single piece bow centralizer every other jt from shoe to 2,000' inside Surface Cag (Eagle Ford / Olmos)	CRT / Torque Turn / Thread Rep																													
Floatation Sub (Arsenal) 5-1/2" 23# STANDARD body with TLW connection and 8,500 psi Burst Disk. Placed at the base of the curve. Marker Joints First marker joint run 4 joints back from wet shoe (175' back) Second marker joint placed 2 joints above the floatation sub. Wetshoe Plug Arsenal Wetshoe Displacement Plug - 5.5" x 3.75" Dual Latch-In with 2,500 psi Burst Rating																Type Cactus CTF-Q Casing Head 9-5/8" 5M Mandrel Hanger Stainless Steel Solid Body with Tec-Lock Wedge Tubing Head 11" 5Kx 5-1/8" 15M FFTrim BPV 4-13/16" Type H																													
Drawn By: Jason Argueta			Date: 7/22/2025			Version: 1			Well Plan Version:																																				

Exhibit 12

Needmore Scibienski E 340H		State: Texas	X Coord: 1,608,671	Directional: MWD: Mud: Cement:
Nabors X33		County: Webb	Y Coord: 750,266	
42 479-45383		GAUF: 396551	RKB: 32.50	
482		Drill Order: TBO	Grid Lvl: 285	
Well No: 908350				
BHA Information		Drilling Parameters	Formation Tops	Logging and Cement Design
24 30 5.5" DP (Delta576) 1 5.5" HWDP (TSD555) 1 8" NMDC Slick 1 UBHO 1 8" Shock Sub (6-5/8 Reg) 1 17" Straight Blade Stabilizer Motor 1.50" 9-5/8" x 8-3/4" 7/8 7.0 FBH with 1/2" UG NBS (0.18 RPO) with float Bit 17.5" TSD (6 x 125; TFA: 0.66)		TD RPM: 50 - 80 RPM Max WOB: 20 - 40 lbs Max ROP: 200 - 500 ft/hr Max Torque: <38Kft-lbs Max Diffp: 1,600 psi Flow Rate: 900 - 1,000 GPM Confirm DAS Optimization Mode Parameters per DAS Roadmap	MD TVD 1,900' MD 1,900' TVD GAU	Cellar Dimension: 8' x 8' Conductor: 20" at 120' Surface Casing Cement Tops Top of Lead Surface Top of Tail 1,600' MD Surface Casing MUST be set 0'-200' below GAU unless exception granted 13 3/8" Shoe: 2,000' MD Expected FIT: 13.5 ppg EMW Intermediate Casing Cement Tops Top of Lead Surface Top of Tail 8,025' MD
24 30 5.875" DP (Delta576) 1 5.5" HWDP (GPD555) Float Sub, UBHO XF, (2) 8" NMDC Slick 1 Roller Reamer Motor 8-3/4" 7/8 7.0 1 12-1/8" NM Spiral Stabilizer 1 Filter Sub RSS PD Orbit 900 Bit 12.25" TSD (6 x 140; TFA: 0.9)		TD RPM: 50 - 100 RPM Max WOB: 75 klbs Max ROP: 1,000 ft/hr Max Torque: <38Kft-lbs Max Diffp: 1,600 psi Flow Rate: 900 - 1,000 GPM Confirm DAS Optimization Mode Parameters per DAS Roadmap	3,847' MD 3,838' TVD Lobo 6 Base 4,682' MD 4,667' TVD Navarro 4,702' MD 4,687' TVD Navarro Base 4,929' MD 4,910' TVD Escondido 3 5,084' MD 5,061' TVD Escondido 3 Base	9 5/8" Shoe: 9,025' MD Expected FIT: 17.5 ppg EMW Production Casing Cement Tops Top of Tail: 7,025' MD KOP: 9,440' MD
1 5.5" TSD555 x 5.875" Delta576 1 Drill In Ream 1 (1) Joint of 5.5" DP (TSD555) 1 Float Sub Motor 7" 5/6 8.6 w/ 8.25" NBS 1 RipStick 1 Filter Sub 1 NMPC 1 8.5" NM Spiral Stab 1 NMDC 1 HF Shockmiser RSS PD Orbit w/ 8.5" stab Bit 8.75" TSD (TFA: 0.664)		TD RPM: 50 - 70 RPM Max WOB: 65 klbs Max ROP: 1,000 ft/hr Max Torque: <38Kft-lbs Max Diffp: 1,200 psi Flow Rate: 600 - 700 GPM Confirm DAS Optimization Mode Parameters per DAS Roadmap	8,590' MD 8,467' TVD San Miguel 8,697' MD 8,573' TVD San Miguel Base	9 5/8" Shoe: 9,025' MD Expected FIT: 17.5 ppg EMW Production Casing Cement Tops Top of Tail: 7,025' MD KOP: 9,440' MD
1 5.5" TSD555 x 5.875" Delta576 1 Drill In Ream 1 (1) Joint of 5.5" DP (TSD555) 1 Float Sub Motor 7" 5/6 8.6 w/ 8.25" NBS 1 RipStick 1 Filter Sub 1 NMPC 1 8.5" NM Spiral Stab 1 NMDC 1 HF Shockmiser RSS Orbit G2 w/ 8.5" stab Bit 8.75" TSD (TFA: 0.664)		TD RPM: 50 - 100 RPM Max WOB: 65 klbs Max ROP: 750 ft/hr Max Torque: <38Kft-lbs Max Diffp: Auto Diff Derate Flow Rate: 600 - 700 GPM Utilize Pason Diffp Derating Confirm DAS Optimization Mode Parameters per DAS Roadmap	9,583' MD 9,454' TVD Anacacho 10,124' MD 9,906' TVD Austin Chalk	LP: 10,486' MD Curve on Catenary DLAT: 19,262' MD TD: 29,748' MD BHCT at TD: 330°F
RSS Options to have on location AEP - PDIG2 Orbit Learn Rev				

NEEDMORE- NEEDMORE-
SCIBIENSKI- SCIBIENSKI
14° 20' 540H
WELL LAYOUT

Casing Information

Casing	Length (from KB)	OD	Weight	Grade	Connection	Minimum MUT ft/lbs	Optimum MUT ft/lbs	Max MUT ft/lbs	Max Operating Torque ft/lbs	ID	Tensile kips	Collapse psi	Burst Psi	Shoetrack ft of js	Centralizers	Necessary Equipment/Personnel
Conductor	120'	20"			Welded				N/A	19.25				N/A	N/A	N/A
Surface	2,000	13 3/8"	68k	J55	BTC			Triangle		12.415	1,069	1,950	3,450	2	Bowspring every other joint to surface (Rig Bit)	CRT
Intermediate	9,025	9 5/8"	40k	P110HC	BTC			Triangle		8.835	1,260	4,230	7,910	2	Bowspring every other joint to surface (Rig Bit)	CRT
Production (Top)	Surface - 7,000'	5 1/2"	23k	VA-XP-P110	TEC-LOCK WEDGE (TLW)	15,100	18,800	41,100	41,100	4.67	729	15,650	15,770	-	One solidbody centralizer every other joint from BOC to 2,000' inside Int Csg (Eagle Fort)	CRT / Torque Turn / Thread Rep
Production (Bottom)	7,000' - 31,845'	5 1/2"	23k	VA-EP-P110	TEC-LOCK WEDGE (TLW)	16,600	20,700	44,700	44,700	4.67	759	16,350	16,510	Wetshoe (TLW)	One solidbody centralizer every other joint from BOC to 2,000' inside Int Csg (Eagle Fort)	CRT / Torque Turn / Thread Rep
Floatation Sub	(Arsenal) 5-1/2" 23k STANDARD body with TLW connection and 8,500 psi Burst Disk. Placed at the base of the curve.															Wellhead Data
Marker Joint	First marker joint run 4 joints back from wet shoe (175' back) Second marker joint placed 2 joints above the floatation sub.															Type
Wetshoe Plug	Arsenal Wetshoe Displacement Plug - 5.5" x 3.75" Dual Latch-In with 2,500 psi Burst Rating															Casing Head
																13-3/8" 10M with 3-1/8" surface & 3-1/16" intermediate valve
																Mandrel Hanger
																Inconel Solid Body with Tec-Lock Wedge (TLW)
																Tubing Head
																11" IOKx 5-1/8" 15K FF Trim
																8PV
																4-13/16" Type H

Went By: Jason Argueta Date: 7/22/2025 Version: 1 Well Plan Version:

Needmore Scibienski E 340H



Drilling Fluids Program		Cement Program			
Surface Section - Fresh Water / WBM		Surface Section			
Density (ppg): 8.4 PV (cP): 1-3 YP (lb/100ft ²): 1-3 LGS%: <6% pH: 6.5 - 7.0 FV: 28-32		System:	Spacer	Lead	Tail
Pre-Treat with 64x 5 gal soap and 1.0 ppb SAPP; 4 sks SAPP / 5 stds; 3 soap and 2 SAPP sticks per stand		Fluid:	H2O	EXTENDACEM	HALCEM
Drilling Treatment: 4 sks SAPP / 5 stands drilled Walnut and sandust sweeps every other stand		Volume (bbl):	50	12.0	15.0
Intermediate Hole - OBM (Clay Free) Density (ppg): 10.0 - 10.5 PV (cP): 20-25 YP (lb/100ft ²): >9 LGS%: <8% HTHP: <15 ES: >600 OWR: 75/25		Density (ppg):	8.3	1.92	1.06
Production Section - OBM (Clay Free) Density (ppg): 14.0 - 15.5 PV (cP): 18-35 YP (lb/100ft ²): >10 LGS%: <8% HTHP: <15 FV: 48-55 ES: >500 OWR: 75/25		Yield (ft ³ /sk):	n/a	11.02	5.06
LCM Treatment Refer to Pre-Spud Handout Adjust volumes and concentrations accordingly. Verify concentrations with down hole tool providers		Mix H2O (gal/sk):	n/a	30% Excess Tail / 300' Fill Tail 100% Excess Lead	Surface Lead Cement
Weight/UB.Sche.dule (Production) Drill Out: 14.0 Intermediate: 14.0 Curve (Drill out): 14.0 Lateral (TD): 14.0-15.5		Top of Tail:	n/a	Surface Tail Cement	lb/sk
Solids Control Reclaim fluids as much as possible in the line Run centrifuge at low feed rate in curve / lateral to manage LGS, do not reclaim fluids in the lateral.		Displace with fresh water	400' MD	1,600' MD	
		Intermediate Section			
		System:	Tuned	Lead	Tail
		Fluid:	Spacer	NEOCEM	THERMACEM
		Volume (bbl):	50	12	16.0
		Density (ppg):	12	1.51	1.48
		Yield (ft ³ /sk):	n/a	7.14	5.85
		Mix H2O (gal/sk):	n/a	30% Excess Tail / 1,000' Fill Tail / 30% Excess Lead	Lead Cement
		Estimated TOT:	Surface	Tail Cement	lb/sk
		Estimated TOT:	8,025' MD	Displace with fresh water	n/a
		Production Section			
		System:	Tuned	Primary:	Displacement:
		Fluid:	Spacer	THERMACEM	NaCl
		Volume (bbl):	75	n/a	16.0
		Density (ppg):	16	n/a	1.48
		Yield (ft ³ /sk):	n/a	n/a	5.85
		Mix H2O (gal/sk):	n/a	20% Excess on Primary Cement / TOC 2,000' inside casing	Primary Cement
		Estimated TOC:	7,025' MD	2	%
		Displace first 5 bbls with HR-25 treated water (Retarder Water), drop plug, displace 35 bbl 25 treated water, remaining displacement with 10.0% NaCl brine (with biocide). Rupture disc/plug and overdisplace by 15 bbl			