



SOGC, LLC

Completion Authorization for Expenditure

AFE Number:		Date:	October 21, 2024
Well Name & No.:	Comanche Trail MIPA PSA 2WA	County/State:	Howard/TX
API Number:		Location:	Sec 13, Block 33 T1S
Region:	Permian	Target Formation:	Wolfcamp A
Prospect:	Big Spring	Proposed Start Date:	November 21, 2025
Field:	Spraberry (Trend Area) R40 EXC	Proposed Duration:	34 Days

Justification for Expenditure:

AFE for the drilling of the above referenced well. This AFE includes costs for the site prep, rig mobilization, drilling, and casing of the well.

AFE Costs:

Job Type	Cost Category	Cost Code	Tangible/Intangible	Sum of AFE Cost
Drilling	Contract Labor	191001	I	\$93,500.00
Drilling	Staking, Permitting, & Damages	191002	I	\$38,750.00
Drilling	Drilling, Footage	191004	I	
Drilling	Drilling, Directional	191005	I	\$231,112.00
Drilling	Drilling, Daywork	191006	I	\$476,125.00
Drilling	Mud & Mud Products	191007	I	\$145,000.00
Drilling	Cementing	191008	I	
Drilling	Trucking - INTD	191009	I	\$61,750.00
Drilling	Forklift, Backhoe Rental	191010	I	
Drilling	Open Hole Logs	191011	I	
Drilling	Drill Stem Tests	191012	I	
Drilling	Tool & Equip Rental - INTD	191013	I	\$233,219.00
Drilling	Location & Road Expense	191014	I	\$51,175.00
Drilling	Fuel, Lubricant, & Power	191015	I	\$238,875.00
Drilling	BHA	191016	I	\$51,500.00
Drilling	Misc Tools & Supplies	191017	I	
Drilling	Miscellaneous IDC	191018	I	
Drilling	COPAS Overhead	191019	I	
Drilling	Outside Technical Services	191020	I	\$63,825.00
Drilling	Cementing - Surface Casing	191022	I	\$20,000.00
Drilling	Cementing - Intermediate Casing	191023	I	\$65,000.00
Drilling	Drilling - Mobilization Costs	191024	I	\$61,250.00
Drilling	Production Testing & Coring	191025	I	
Drilling	Water	191026	I	\$6,000.00
Drilling	Logging - Electric & Mud	191027	I	
Drilling	Casing Crews & Rentals	191028	I	\$62,000.00
Drilling	Cementing - Production Casing	191029	I	\$100,000.00
Drilling	Cased Hole Logs	191030	I	
Drilling	Vacuum Trucking	191033	I	
Drilling	Company Supervision - INTD	191034	I	\$72,800.00
Drilling	Insurance - INTD	191036	I	
Drilling	Fluid Disposal	191040	I	\$125,000.00
Drilling	Pit Reclamation	191041	I	
Drilling	BOP Testing	191042	I	
Drilling	Choke Rental	191043	I	
Drilling	Fishing	191044	I	
Drilling	Camps / Housing	191045	I	
Drilling	Cuttings Disposal	191046	I	
Drilling	Contingency @ 5%		I	\$109,844.05
Drilling	Conductor Pipe	192004	T	\$25,000.00
Drilling	Surface Casing	192005	T	\$17,850.00
Drilling	Intermediate Casing	192006	T	\$213,360.00
Drilling	Production Casing	192007	T	\$576,576.00
Drilling	Subsurface - Packers & Bridge Plug	192009	T	\$50,500.00
Drilling	Wellhead Equipment	192010	T	\$42,000.00
Drilling	Subsurface Equipment	192015	T	
Drilling	BOP Equipment	192016	T	

Total Costs: \$3,232,011.05

AFE Participation Election:

☐

I elect to participate

☐

I elect to **Not** participate

SOGC Approval

Partner Approval

Per:

Signature:

Title:

Date:



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API Number:		Location:	Sec 13, Block 33 T1S
Region:	Permian	Target Formation:	Wolfcamp A
Prospect:	Big Spring	Proposed Start Date:	November 21, 2025
Field:	Spraberry (Trend Area) R40 EXC	Proposed Duration:	34 Days

Justification for Expenditure:

AFE for the completion of the above referenced well. This AFE includes the well prep, fracture stimulation, cleanout, and initial flowback costs.

AFE Costs:

Job Type	Cost Category	Cost Code	Tangible/Intangible	Sum of AFE Cost
Completions	Comp - Trucking	197001	I	\$15,000.00
Completions	Comp - Equipment Rental	197002	I	\$316,325.00
Completions	Comp - Tool Rental	197003	I	\$60,000.00
Completions	Comp - Location & Road Expense	197004	I	
Completions	Comp - Fuel & Lubricant	197005	I	\$701,000.00
Completions	Comp - Technical Services	197006	I	\$48,500.00
Completions	Comp - Drillout Unit	197007	I	\$555,000.00
Completions	Comp - Water	197008	I	\$426,500.00
Completions	Comp - Perforating & Wireline	197009	I	\$536,000.00
Completions	Comp - Stimulation	197010	I	\$2,507,000.00
Completions	Comp - Vacuum Trucking	197011	I	
Completions	Comp - Supervision	197012	I	\$119,700.00
Completions	Comp - Chemicals	197013	I	
Completions	Comp - Housing	197014	I	
Completions	Comp - Wellhead	197015	I	
Completions	Comp - Flowback	197016	I	\$153,400.00
Completions	Comp - Fluid Disposal	197017	I	\$20,000.00
Completions	Comp - Fishing	197018	I	
Completions	Comp - Frac Protection	197019	I	
Completions	Contingency @ 5%		I	\$159,641.00
Completions	Comp - Plugs & Packers	198001	T	
Completions	Comp - Wellhead Equipment	198002	T	\$40,000.00

Total Costs: \$5,658,066.00

AFE Participation Election:

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SOGC Approval

Partner Approval

Per:

Signature:

Title:

Date:



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Completion Authorization for Expenditure

AFE Number:		Date:	October 21, 2024
Well Name & No.:	Comanche Trail MIPA PSA 2WA	County/State:	Howard/TX
API Number:		Location:	Sec 13, Block 33 T1S
Region:	Permian	Target Formation:	Wolfcamp A
Prospect:	Big Spring	Proposed Start Date:	September 1, 2025
Field:	Spraberry (Trend Area) R40 EXC	Proposed Duration:	30 Days

Justification for Expenditure:

AFE for the facilities and artificial lift of the above referenced well. This AFE includes costs for the entire facility and first install of artificial lift on the well.

AFE Costs:

Job Type	Cost Category	Cost Code	Tangible/Intangible	Sum of AFE Cost
Facilities	Fac - Roustabout/Construction	195001	I	\$55,000.00
Facilities	Fac - Electrical/Automation Install	195002	I	\$50,000.00
Facilities	Fac - Compressor Rental	195003	I	
Facilities	Fac - Chemicals	195004	I	
Facilities	Fac - Miscellaneous	195005	I	\$5,000.00
Facilities	Fac - Trucking	195006	I	\$15,000.00
Facilities	Fac - Rental Equipment	195007	I	
Facilities	Fac - Location & Road Expense	195008	I	\$5,000.00
Facilities	Fac - Supervision / Consultant	195009	I	\$15,000.00
Facilities	Fac - Separation & Treating Equip	196001	T	\$45,440.00
Facilities	Fac - Tanks	196002	T	
Facilities	Fac - Compressors	196003	T	
Facilities	Fac - Pipe/Fittings/Valves	196004	T	\$35,000.00
Facilities	Fac - Flare	196005	T	\$50,000.00
Facilities	Fac - Miscellaneous	196006	T	\$10,000.00
Facilities	Fac - Initial Pump Install	196007	T	
Facilities	Fac - Initial Rod Install	196008	T	
Facilities	Fac - Initial Tubing Intall	196009	T	\$34,560.00
Facilities	Fac - Initial ESP Install	196010	T	\$250,000.00
Facilities	Fac - Flowlines/Gaslines	196011	T	\$10,000.00
Facilities	Fac - Fences, Cattleguards, Etc	196012	T	
Facilities	Fac - Other Controllable Equipment	196013	T	
Facilities	Fac - Non - Controllable Equipment	196014	T	
Facilities	Fac - Initial Gas Lift Install	196015	T	
Facilities	Fac - Electrical Equip / Material	196016	T	\$30,000.00
Total Costs:				\$610,000.00

AFE Participation Election:

☐

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☐

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SOGC Approval

Partner Approval

Per:

Signature:

Title:

Date:

Total AFE Cost

Category	AFE Cost (\$)
Drilling	\$3,232,011
Completion	\$5,658,066
Facility	\$610,000
Total (\$)	\$9,500,077