

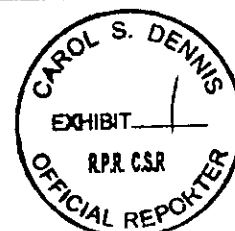
LD 2016 / 3246

MRO AUTHORIZATION FOR EXPENDITURE	
DETAIL OF ESTIMATED WELL CONSTRUCTION COSTS	
Well Name: Jones 2-32H	Date: 8/5/2016
County: BLAINE	AFE #: 0
Formation: MISS LIME	MD: 14,400
	Costs
DRILLING COSTS - TANGIBLE	
Surface Casing	\$39,195
Intermediate Casing	\$193,390
Production Casing	\$275,184
Wellhead Equip & Csg Access	\$80,000
TOTAL DRILLING COSTS - TANGIBLE	\$587,769
DRILLING COSTS - INTANGIBLE	
Location and Access	\$407,000
Rig Move	\$175,000
Drilling Rig	\$742,000
Directional Services	\$194,800
Mud Fluids & Services	\$200,000
Solids Control	\$19,300
Bits	\$100,000
Casing Crew and Services	\$65,000
Cementing Service	\$95,000
Rental Equipment	\$146,400
Fuel	\$117,600
Water & Water Services	\$95,000
Logging Services	\$21,000
Inspection Services	\$25,000
Contract Labor	\$50,000
Freight	\$30,000
Misc Materials & Equipment	\$50,000
Telecom Services	\$12,600
Supervision & Overhead	\$175,800
HES Equip & Service	\$39,400
Air Drilling Services	\$0
Coring & Analysis	\$0
Contingency	\$118,195
TOTAL DRILLING COSTS - INTANGIBLE	\$2,879,095
TOTAL DRY HOLE COSTS	\$3,007,480
TOTAL DRILLING COSTS	\$3,466,864
COMPLETION COSTS - TANGIBLE	
Tubing & Accessories	\$74,690
Artificial Lift	\$15,000
Wellhead Equipment	\$27,450
TOTAL COMPLETION COSTS - TANGIBLE	\$117,140
COMPLETION COSTS - INTANGIBLE	
Location and Access	\$7,500
Completion Rig	\$22,800
Coiled Tubing	\$135,000
Rental Equipment	\$292,084
Snubbing	\$0
Pulling/Swab Units	\$6,000
Fuel	\$0
Casing Crews	\$0
Cement	\$0
Well Testing /Flowback	\$107,250
Fracturing Services	\$1,814,250
Acidizing and N2 Services	\$0
Perforating and Wireline Services	\$144,000
Cased Hole Logging	\$8,500
Comp Fluids & Services	\$115,275
Water & Water Services	\$250,799
Freight	\$13,950
Inspection Services	\$4,500
Misc Materials & Equip	\$10,000
Frac Plugs	\$36,100
Contract Labor	\$52,500
Telecom Services	\$20,000
HES Equip & Service	\$148,500
Supervision & Overhead	\$137,800
Tracers	\$0
Surface Facilities	\$383,600
Contingency	\$0
TOTAL COMPLETION COSTS - INTANGIBLE	\$3,710,409
TOTAL COMPLETION COSTS	\$3,827,549
TOTAL WELL COSTS	\$7,294,413

SIGNATURE: _____

PRINTED NAME: _____

TITLE: _____



This AFE is only an estimate of the costs to be incurred in conducting the referenced operation. In no event shall this AFE be construed as a representation or warrant as to the accuracy of such estimate, or construed in any way to limit a participant's responsibility to pay its proportionate share of all costs and expenses incurred in connection with the referenced operations.

AUG 30 2016