



Authority for Expenditure Drilling, Completion, Facilities

WELL NAME: SANTANA 1H-29X
AFE NO. 45309
RC NO. 500396071
Date: 4/27/2016

OPERATOR:	STATE	COUNTY	SECTION	TOWNSHIP	RANGE	PROPOSED TD
Newfield Exploration-Mid Continent	OK	KINGFISHER	29	17N	8W	8,580 / 19,200
DRILLING COMMENTS		COMPLETION COMMENTS			FACILITIES	
DETAIL OF ESTIMATED EXPENDITURES		COST CODE	DRILLING	COMPLETION	FACILITIES	ART. LIFT TOTAL
INTANGIBLES						
Base / Field Office Operations	101	\$	44,111.96	\$	121,677.80	\$ 1,087.54 \$ 166,877.30
Cased Hole Electric Wireline	102	\$	-	\$	320,461.98	\$ - \$ 320,461.98
Services - Casing Crews and Running Tools	103	\$	81,279.84	\$	40,237.00	\$ - \$ 121,516.84
Services Cementing/Coil Tubing Unit	105	\$	115,472.51	\$	-	\$ - \$ 115,472.51
Communications	109	\$	5,001.85	\$	52,860.83	\$ - \$ 57,862.68
Consultants	110	\$	177,599.22	\$	5,541.62	\$ - \$ 398,091.07
Core / Fluid Analysis	111	\$	-	\$	-	\$ - \$ -
Directional Drilling Operations	113	\$	374,477.88	\$	-	\$ - \$ 374,477.88
Environmental & Safety Services	117	\$	6,447.56	\$	45,816.70	\$ - \$ 52,264.26
Fishing Services	119	\$	-	\$	-	\$ - \$ -
Fluids Disposal (includes transportation)	120	\$	46,825.00	\$	64,773.52	\$ 815.85 \$ 112,414.37
Services Formation Evaluation	121	\$	-	\$	-	\$ - \$ -
Formation Stimulation - Fracturing	122	\$	-	\$	2,220,833.75	\$ - \$ 2,220,833.75
Formation Stimulation - Other	123	\$	-	\$	28,708.08	\$ - \$ 28,708.08
Hot Oiling Services	128	\$	-	\$	-	\$ - \$ -
Inspection - Bottom Hole Assembly	129	\$	1,994.00	\$	-	\$ - \$ 1,994.00
Inspection - Casing	130	\$	-	\$	-	\$ - \$ -
Inspection - Drill Pipe	131	\$	57,746.23	\$	-	\$ - \$ 57,746.23
Inspection - Site	132	\$	-	\$	-	\$ - \$ -
Inspection - Tubing	133	\$	-	\$	-	\$ 55.00 \$ 55.00
Installation / Removal - Pipeline	135	\$	-	\$	-	\$ - \$ -
Instrumentation	138	\$	-	\$	-	\$ - \$ -
Labor - Company Supervision	139	\$	-	\$	-	\$ - \$ -
Company Labor	140	\$	-	\$	3,223.92	\$ 2,123.79 \$ 5,347.71
Labor - Contract Employees	141	\$	-	\$	4,868.37	\$ 36,489.55 \$ 41,357.92
Location Preparation	143	\$	194,760.27	\$	2,398.60	\$ 16,546.67 \$ 213,705.54
Location Remediation & Maintenance	144	\$	114,911.04	\$	10,944.00	\$ - \$ 125,855.04
Services Miscellaneous	146	\$	6,279.00	\$	680.00	\$ 1,286.20 \$ 8,245.20
Mud Logging Services	147	\$	26,136.00	\$	-	\$ - \$ 26,136.00
Nitrogen Services	148	\$	-	\$	-	\$ - \$ -
Drilling & Completion Rig Costs	150	\$	566,821.00	\$	111,093.76	\$ 11,151.89 \$ 689,066.65
Drilling Well Turnkey Costs	152	\$	50,000.00	\$	-	\$ - \$ 50,000.00
Rig Mobilization & De-Mobilization	153	\$	135,944.00	\$	-	\$ - \$ 135,944.00
Security Services	154	\$	-	\$	450.00	\$ - \$ 450.00
Slickline Services	155	\$	-	\$	-	\$ - \$ -
Survey - Location	156	\$	1,681.50	\$	-	\$ - \$ 1,681.50
Survey - Well	157	\$	-	\$	-	\$ - \$ -
Testing - Well Control Equipment	160	\$	7,392.89	\$	2,342.45	\$ - \$ 9,735.34
Transportation - Land	162	\$	5,092.02	\$	23,367.63	\$ 4,186.00 \$ 2,195.74 \$ 34,841.39
Tubular Conveyed Perforating & Drill Stem Testing Services	165	\$	-	\$	-	\$ - \$ -
Services Welding	166	\$	685.00	\$	-	\$ 380.00 \$ 1,065.00
Drill Bits	301	\$	117,942.95	\$	9,791.03	\$ - \$ 127,733.98
Blow-Out Preventor	302	\$	19,356.84	\$	16,168.82	\$ 1,801.19 \$ 37,326.85
Completion Fluids	304	\$	-	\$	56,126.13	\$ - \$ 56,126.13
Compressor Equipment	305	\$	-	\$	3,900.00	\$ - \$ 3,900.00
Cranes	307	\$	-	\$	55,625.00	\$ - \$ 55,625.00
Drill String	310	\$	2,121.78	\$	-	\$ - \$ 2,121.78
Electrical Repairs	311	\$	-	\$	130.00	\$ - \$ 130.00
Fuel	313	\$	94,426.39	\$	139,555.86	\$ - \$ 233,982.25
Gas Measurement	317	\$	-	\$	2,470.18	\$ - \$ 2,470.18
Heaters - Indirect Line	321	\$	-	\$	-	\$ - \$ -
Rent Lost in Hole	325	\$	-	\$	-	\$ - \$ -
Rent Miscellaneous Surface Equipment	328	\$	732.47	\$	267,733.27	\$ 9,185.80 \$ 277,651.54
Mud - Drilling	329	\$	289,050.34	\$	-	\$ - \$ 289,050.34
Mud Monitoring & Processing Equipment	330	\$	97,828.40	\$	-	\$ - \$ 97,828.40
Stabilizer, Under-Reamer, Hole-Opener	341	\$	-	\$	-	\$ - \$ -
Tools & Supplies	346	\$	-	\$	-	\$ - \$ -
Utility Systems	348	\$	-	\$	566.49	\$ - \$ 566.49
Vapor Recovery System	349	\$	-	\$	22,439.55	\$ - \$ 22,439.55
Drilling Water	350	\$	13,056.98	\$	278,554.13	\$ - \$ 291,611.11
Water Handling Equipment	351	\$	-	\$	-	\$ - \$ -
Drilling Insurance	501	\$	3,477.20	\$	-	\$ - \$ 3,477.20
Legal Fees	503	\$	44,785.22	\$	-	\$ - \$ 44,785.22
Regulatory Compliance	511	\$	175.00	\$	995.32	\$ - \$ 1,170.32
Overhead	965	\$	18,600.75	\$	33,101.75	\$ - \$ 51,702.50
Subtotal - Intangibles		\$	2,722,213.09	\$	4,069,809.86	\$ 160,181.78 \$ 19,701.35 \$ 6,971,906.08
TANGIBLES						
Oil Measurement Equipment	332	\$	-	\$	-	\$ - \$ -
Line Pipe & Battery Fittings	335	\$	-	\$	42,511.91	\$ - \$ 42,511.91
Pumps	336	\$	-	\$	-	\$ - \$ -
Separators	340	\$	-	\$	44,531.92	\$ - \$ 44,531.92
Stock Tanks	345	\$	-	\$	44,023.73	\$ - \$ 44,023.73
Treaters	347	\$	-	\$	-	\$ - \$ -
Artificial Lift	601	\$	-	\$	-	\$ 12,465.89 \$ 12,465.89
Casing Accessories	602	\$	41,917.41	\$	-	\$ - \$ 41,917.41
Miscellaneous Surface Equipment	603	\$	-	\$	-	\$ - \$ -
Packers / Anchors / Liner Hangers	604	\$	-	\$	-	\$ - \$ -
Water Casing (Conductor Casing)	607	\$	-	\$	-	\$ - \$ -
Pipe Surface Casing	608	\$	49,795.68	\$	-	\$ - \$ 49,795.68
Pipe Intermediate Casing	609	\$	-	\$	-	\$ - \$ -
Production Casing/Liner	610	\$	414,441.16	\$	-	\$ - \$ 414,441.16
Pipe Casing Liner	611	\$	-	\$	-	\$ - \$ -
Tubing	613	\$	-	\$	-	\$ 28,658.10 \$ 28,658.10
Rods	614	\$	-	\$	-	\$ - \$ -
Tubing Accessories	616	\$	-	\$	-	\$ - \$ -
Wellhead	617	\$	17,875.76	\$	11,011.89	\$ - \$ 28,887.65
Subtotal - Tangibles		\$	524,030.01	\$	11,011.89	\$ 131,067.56 \$ 41,123.99 \$ 707,233.45
AFE TOTAL		\$	3,246,243.10	\$	4,080,821.75	\$ 291,249.34 \$ 60,825.34 \$ 7,679,139.53

This AFE is only an estimate. By returning one signed copy the undersigned hereby agrees to pay its share of all the actual costs incurred in this operation.

NAME: _____ COMPANY: _____
PRINTED NAME: _____ DATE: _____
TITLE: _____



5/2/14