EXPLORATION DRILLING / COMPLETION AFE

1406 1-30MH AFE TITLE:

400-031

400-051

400-061

400-071

400-081 400-091

400-101

Prepared by: Steve Henley

Subsurface Pumping Equipment

Surface Pumping Equipment

Frucking - Tangible Completion ease Surface Equipment

TOTAL COMPLETION COSTS

TOTAL ESTIMATED WELL COST

TOTAL TANGIBLE COMPLETION COSTS

Downhole Equipment

Wellhead Equipment

Drilling/Completion PROJECT AFE NC 1500XX
FIELD: Sooner Trend DEPTH:

14,000' COUNTY:

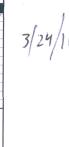
Kingfisher OK

OTHER LOC DESCRIPTION: Kingfisher Co, OK
GEOLOGIC OBJECTIVE: Meramec
PROJECT SCOPE: Drill and Complete +/-5000' Meramec Lateral



DRY HOLE PRODUCER DESCRIPTION INTANGIBLE DRILLING COSTS Survey, Archaeology & Permits \$50,000 100-011 Surface Damages & ROW 25,000 ocation & Roads 90,000 100-031 Rig Move 120,000 Drilling - Footage 100-051 Drilling - Daywork \$17,500 / Day 490,000 100-061 100-071 Drilling Supervision Disposal, Restoration & Backfill 42,000 Turnkey Bid Drilling Fluids 100-081 172,400 100-091 83,600 28,000 100-101 Drill Bits & Reamers 100-111 Water Open Hole Logs 100-121 Coring & Analysis Mud Logging & Geologist Fuel and Power 100-141 41.500 147,000 100-161 Cement and Services 33,000 Communications - Drilling 2,100 Casing Crew BOP Testing 100-181 45.650 25,000 Drill Stem Test 100-201 100-211 Fishing Tools & Services 137,400 100-221 Tool & Equipment Rentals 100-231 100-241 Wireline Services 100-251 100-261 Engineering & Geology-Field Engineering & Geology-Office 100-271 100-281 Other Labor Other Drilling Costs 47,000 5,000 100-291 100-301 Multishot & Gyro Directional Services 7.000 180,000 100-311 Re-Entry Services Camps & Trailers - Drilling 44,000 100-331 Safety Equipment and H2S 100-341 rucking - Intangible Drilling 100-351 Drilling Insurance & Overhead 21,000 Drilling Contingency TOTAL INTANGIBLE DRILLING COSTS \$---\$1,951,450 TANGIBLE DRILL 200-001 200-011 Casing - Conductor Casing - Intermediate 192 000

200-021	Casing - Intermediate	192,000			
200-031	Drilling Liner				
200-041	Liner Hanger & Associated Equipment	_			
200-051	Trucking - Tangible Drilling	63,000			
200-061	Wellhead Equipment	12,400			
200-071	Re-Entry Equipment				
	TOTAL TANGIBLE DRILLING COSTS	\$290,525	\$		
	TOTAL DRILLING COSTS	\$2,241,975	\$		
INTANGIBLE CO	OMPLETION COSTS			A STATE OF THE STATE OF	
300-001	Completion/Workover Rig	18 12 18 18 18	\$7,000		
300-011	Roads & Location	数 据以为1000000000000000000000000000000000000	25,000		
300-021	Completion Rental Equipment				
300-031	Drilling Rig for Completion				
300-041	Completion Fluids		25,000		
300-051	Water	Karley Const.	160,000		
300-061	Cased Hole Logs				
300-071	Safety Equipment				
300-081	Cement & Cementing Services	6.10	25,000		
300-091	Casing Crews		9,000		
300-101	Perforating		245,000		
300-111	. Acidizing				
300-121	Fishing tools & Services				
300-131	Frac Treatment		2,000,000		
300-141	Other Stimulation	斯 拉克马克克斯			
300-151	Wellsite Supervision		25,900		
300-161	Engineering				
300-171	Inspections				
300-181	Well Testing				
300-191	Trucking - Intangible Completion		183,500		
300-201	Other Completion Costs	然 起,一个一个位置	5,000		
300-211	Completion Contingency				
300-251	Communications - Completion		1,100		
300-231	Camps & Trailers - Completion	Application of the	25,300		
300-241	BOP Testing - Completion		10,000		
300-051	Completion Overhead		6,000		
300-271	Other Labor	the state of the	71,000		
	TOTAL INTANGIBLE COMPLETION COSTS \$ \$2,823,800				
TANGIBLE COM	MPLETION COSTS	100000000000000000000000000000000000000	A STATE OF THE STATE OF	grantic services in the	The same of the same
400-001	Production Casing or Production Liner		\$75,000		
400-011	Liner Hanger & Associated Equipment		65,000	/	
400-021	Production Tubing		40,800	/	
100.001		Contract of the second			





12,000 27,100 5,000

175 000

\$414,900

\$3,238,700

\$5,480,675

\$---

\$2,241,975

RITAD. HEVY

C.S.R.

CAL REPORT

MAR 28 2016

EXHIBIT