

Cause CD 201605849

CONTINENTAL RESOURCES, INC.P.O. Box 268870
OKC, OK 73102
(405) 234-9000**AUTHORITY FOR EXPENDITURE**

AFE No.: DL06048 Date: 5/19/2017 Lease Name & No.: Zella 1-4-9XH

Surface Hole Location: 765' FNL & 2185' FEL Section 4-16N-11W County: Blaine County, OK

Bottom Hole Location: 50' FSL & 2310' FEL Section 9-16N-11W Target Formation: Mississippian

Work Description: Drill and complete single lateral Target horizontal with production facilities, 36 stages, lb/stg.

Exploration:	Development: XXX	Recompletion:	Supplemental:	T.D. 19,785		
			Estimated Days	41	0.75	
INTANGIBLES			Code	Dry Hole	Completion	Total
LEGAL & RECORDING FEES			5000010	\$44,000	\$2,000	\$46,000
WELL SITE DAMAGES & PREEMPTIVE PAYMENTS			5000020	\$20,000		\$20,000
LOCATION & ROAD CONSTRUCTION			5000030	\$133,000	\$25,000	\$158,000
RIG COSTS			5000060	\$1,360,000	\$293,000	\$1,653,000
FRESH WATER			5000070	\$31,000	\$108,000	\$139,000
CHEMICALS -CORROSION/INHIBS/SOAP STICKS/SURFACTANT			5000090	\$444,000	\$99,360	\$543,360
BITS			5000100	\$238,000		\$238,000
BHA & DOWNHOLE TOOLS			5000101		\$95,000	\$95,000
SURFACE RENTAL TOOLS & EQUIP			5000110	\$114,000	\$141,000	\$255,000
DRILL PIPE/WORKSTRING RENTAL			5000120	\$19,000	\$25,000	\$44,000
CEMENT & CASING SERVICES - SURFACE/INTERMEDIATE			5000130	\$45,000		\$45,000
CEMENT & CASING SERVICES - LINER/PRODUCTION			5000131	\$82,000		\$82,000
TECHNICAL SERVICES - FLOWBACK COMPLETION			5000141		\$70,000	\$70,000
MISCELLANEOUS LABOR - 3RD PARTY			5000151	\$30,000		\$30,000
MISCELLANEOUS TRANSPORTATION - 3RD PARTY TANGIBLE			5000152	\$20,000		\$20,000
DOWNHOLE TESTING & ANALYSIS			5000160	\$39,000		\$39,000
WIRELINE & PERFORATING SERVICE			5000170	\$40,000	\$205,000	\$245,000
RENTAL TANKS, PITS, LINERS			5000210	\$21,000		\$21,000
STIMULATION SERVICES			5000230		\$3,060,000	\$3,060,000
MISC SERVICES/CONTINGENCIES			5000240	\$329,000	\$229,000	\$558,000
FUEL, DIESEL, GAS & PROPANE			5000250	\$312,000		\$312,000
DIRECTIONAL SERVICES/SURVEYS			5000280	\$446,000		\$446,000
CASING CREW			5000300	\$57,000		\$57,000
PUMPING SERVICES			5000340		\$252,000	\$252,000
MUD DISPOSAL / SOIL FARM / PRODUCTION WATER			5000360	\$183,000		\$183,000
STIMULATION- COMPLETION FRAC WATER DISPOSAL			5000366		\$129,600	\$129,600
FIELD OFFICE EXPENSE			5000470	\$51,000		\$51,000
CONTRACT SUPERVISION			5000500	\$198,000	\$26,000	\$224,000
SURF EQUIP LABOR / INSTALL			5000541		\$55,000	\$55,000
TOTAL INTANGIBLES				\$4,256,000	\$4,814,960	\$9,070,960
TANGIBLES						
SURFACE CASING 1,600 ft. @ \$ 27.65 /ft.			5000510	\$54,000		\$54,000
INTERMEDIATE CASING 8,840 ft. @ \$ 30.26 /ft.			5000520	\$299,000		\$299,000
PRODUCTION CASING/LINER 19,785 ft. @ \$ 18.57 /ft.			5000530	\$384,000		\$384,000
TUBING 13-5/8" SOW x 13 3/8" 3K x 11" 5K x 7-1/16" 10K x 2-9/16" 10K			5000550		\$64,000	\$64,000
WELLHEAD EQUIPMENT			5000560	\$44,000		\$44,000
PACKERS & SUBSURFACE EQUIP			5000570	\$19,000	\$10,000	\$29,000
PRODUCTION FACILITY - PERMANENT			5000600		\$173,000	\$173,000
FLOWLINE/VALVES/CONNECTIONS			5000610		\$55,000	\$55,000
TOTAL TANGIBLES				\$800,000	\$302,000	\$1,102,000
TOTAL AFE				\$5,056,000	\$5,116,960	\$10,172,960

APPROVAL:**Operator:**

CONTINENTAL RESOURCES, INC.

Operations:

Geology:

Land:

Printed: 5/22/2017
#N/A**Non-Operator:**

Company:

By:

Date:

WI:

MAY 23 2017

