## CONTINENTAL RESOURCES, INC. P.O. Box 1032 Enid, OK 73702

(580) 233-8955

## AUTHORITY FOR EXPENDITURE

	Date:	<b>6</b> Y766V1	0 10	10112	Least	e Name & No.:	SIAC	CK 16N 10W - 10,000'	
Legal Description: SHL	_: 260 FSL & 25	50 FWL S	ec 23-	-T16N-R10W		Cou	ınty:	Blaine State:	Oklahoma
BHL	: 50 FNL & 330	0 FWL Se	c 14-T	16N-R10W					
Work Description: Drill	and complete	Stack, 98	23 ft la	ateral at 9864 ft TVE	5.5 i	n. cemented long str	ing to	19959 ft; 32 stage frac	
Oil	Based Mud sys	stem							
Exploratior XXX Dev	elopme		Rec		Supp	lemental:			19,959'
				Estimated Days		41		5	T.4-1
INTANGIBLES					Code 010	Dry Hole \$33,000	Code 010	Completion \$1,000	*34,000
Legal expenses  Damages					020	\$20,000	020	\$1,000	\$21,000
Road & location construction					030	\$178,000	030	\$25,000	\$203,000
Rig Costs					060	\$1,282,000	060	\$255,000	\$1,537,000
Water					070	\$30,000	070	\$96,000	\$126,000
Drilling mud & chemicals					090	\$401,000	090	\$96,000	\$497,000
Bits & BHA					100 110	\$177,000 \$107,000	100	\$88,000 \$124,000	\$265,000 \$231,000
Surface rental tools & equipment Drill pipe & work string rental					120	\$13,000	120	\$124,000	\$13,000
Cementing					130	\$58,000	130	\$117,000	\$175,000
Flowback					140	\$0	140	\$52,000	\$52,000
Roustabout Labor					151	\$30,000	151	\$0	\$30,000
Roustabout Transportation					152	\$20,000	152	\$0	\$20,000
Downhole testing and analysis					160	\$32,000	160	\$0	\$32,000
Wireline services					170	\$40,000 \$18,000	170 210	\$203,000 \$14,000	\$243,000 \$32,000
Rental tanks Stimulation services					210	\$18,000	230	\$3,040,000	\$3,040,000
Miscellaneous services & conting	encies				240	\$172,000	240	\$243,000	\$415,000
Fuel					250	\$208,000	250	\$0	\$208,000
Directional tools and services					280	\$304,000	280	\$15,000	\$319,000
Inspections					290	\$6,000	290	\$0	\$6,000
Casing Crews					300	\$67,000	300	\$50,000	\$117,000
Fishing tools and services					330 340	\$0	330	\$0 \$224,000	\$224,000
Pumping services Insurance					350	\$0 \$0	350	\$224,000	\$224,000
Mud disposal					360	\$183,000	360	\$460,800	\$643,800
Field office expense - housing					470	\$77,000	470	\$0	\$77,000
Contract supervision					500	\$172,000	500	\$42,000	\$214,000
Overhead					800	\$7,000	800	\$4,000	\$11,000
Drilling Hazard Mitigation					900	\$0	900	\$0	\$0
TOTAL INTANGIBLES					\$3,635,000 \$5,150,800		\$8,785,800		
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TANGIRI ES									1
TANGIBLES Surface Casing	1,500 ft. @	\$ 37.2	15 /ft.	13 3/8", 54.5#, J-55, ST&	510	\$56,000			\$56,000
TANGIBLES Surface Casing Intermediate Casing	1,500 ft.@ 8667 ft.@		25 /ft. 25 /ft.	13 3/8", 54.5#, J-55, ST& 9 5/8", 40#, P-110, LT&C		\$56,000 \$340,000			\$56,000 \$340,000
Surface Casing		\$ 39.2			520		530	\$451,000	\$340,000 \$451,000
Surface Casing Intermediate Casing Production Casing Toe Initiator Sleeve	8667 ft. @	\$ 39.2	25 /ft.	9 5/8", 40#, P-110, LT&C	520		530	\$19,000	\$340,000 \$451,000 \$19,000
Surface Casing Intermediate Casing Production Casing Toe Initiator Sleeve Surf Equ Trkg/Inst/Lbr	8667 ft. @ 19,960 ft. @ 0 ft. @	\$ 39.2 \$ 22.5 \$ -	25 /ft. 58 /ft. /ft.	9 5/8", 40#, P-110, LT&C 5-1/2", 23#, P-110 BTC-X 0	520		530 540	\$19,000 \$25,000	\$340,000 \$451,000 \$19,000 \$25,000
Surface Casing Intermediate Casing Production Casing Toe Initiator Sleeve Surf Equ Trkg/Inst/Lbr Tubing	8667 ft. @ 19,960 ft. @ 0 ft. @	\$ 39.2 \$ 22.5 \$ - \$ 5.7	25 /ft. 58 /ft. /ft.	9 5/8", 40#, P-110, LT&C 5-1/2", 23#, P-110 BTC-> 0 2-7/8", 6.5#, L-80, EUE	520 (P	\$340,000	530 540 550	\$19,000 \$25,000 \$63,000	\$340,000 \$451,000 \$19,000 \$25,000 \$63,000
Surface Casing Intermediate Casing Production Casing Toe Initiator Sleeve Surf Equ Trkg/Inst/Lbr Tubing Wellhead Equipment 13-5/I	8667 ft. @ 19,960 ft. @ 0 ft. @ 10,140 ft. @ 8" SOW x 13 3/8" 3/8	\$ 39.2 \$ 22.5 \$ - \$ 5.7	25 /ft. 58 /ft. /ft.	9 5/8", 40#, P-110, LT&C 5-1/2", 23#, P-110 BTC-> 0 2-7/8", 6.5#, L-80, EUE	520		530 540 550 560	\$19,000 \$25,000 \$63,000 \$32,000	\$340,000 \$451,000 \$19,000 \$25,000 \$63,000 \$44,000
Surface Casing Intermediate Casing Production Casing Toe Initiator Sleeve Surf Equ Trkg/Inst/Lbr Tubing Wellhead Equipment 13-5// Packers & Subsurface Equipment	8667 ft. @ 19,960 ft. @ 0 ft. @ 10,140 ft. @ 8" SOW x 13 3/8" 3/8	\$ 39.2 \$ 22.5 \$ - \$ 5.7	25 /ft. 58 /ft. /ft.	9 5/8", 40#, P-110, LT&C 5-1/2", 23#, P-110 BTC-> 0 2-7/8", 6.5#, L-80, EUE	520 (P	\$340,000	530 540 550	\$19,000 \$25,000 \$63,000	\$340,000 \$451,000 \$19,000 \$25,000 \$63,000
Surface Casing Intermediate Casing Production Casing Toe Initiator Sleeve Surf Equ Trkg/Inst/Lbr Tubing Wellhead Equipment 13-5/I	8667 ft. @ 19,960 ft. @ 0 ft. @ 10,140 ft. @ 8" SOW x 13 3/8" 3/8	\$ 39.2 \$ 22.5 \$ - \$ 5.7	25 /ft. 58 /ft. /ft.	9 5/8", 40#, P-110, LT&C 5-1/2", 23#, P-110 BTC-> 0 2-7/8", 6.5#, L-80, EUE	520 (P	\$340,000	530 540 550 560 570	\$19,000 \$25,000 \$63,000 \$32,000 \$10,000	\$340,000 \$451,000 \$19,000 \$25,000 \$63,000 \$44,000 \$10,000 \$0
Surface Casing Intermediate Casing Production Casing Toe Initiator Sleeve Surf Equ Trkg/Inst/Lbr Tubing Wellhead Equipment 13-5/t Packers & Subsurface Equipment Pumping Unit & Prime Mover Sucker Rods & Pump Production Facility	8667 ft. @ 19,960 ft. @ 0 ft. @ 10,140 ft. @ 8" SOW x 13 3/8" 3/8	\$ 39.2 \$ 22.5 \$ - \$ 5.7	25 /ft. 58 /ft. /ft.	9 5/8", 40#, P-110, LT&C 5-1/2", 23#, P-110 BTC-> 0 2-7/8", 6.5#, L-80, EUE	520 (P	\$340,000 \$12,000	530 540 550 560 570 580 590 600	\$19,000 \$25,000 \$63,000 \$32,000 \$10,000 \$0 \$0 \$170,000	\$340,000 \$451,000 \$19,000 \$25,000 \$63,000 \$44,000 \$10,000 \$0 \$0 \$170,000
Surface Casing Intermediate Casing Production Casing Toe Initiator Sleeve Surf Equ Trkg/Inst/Lbr Tubing Wellhead Equipment Packers & Subsurface Equipment Pumping Unit & Prime Mover Sucker Rods & Pump	8667 ft. @ 19,960 ft. @ 0 ft. @ 10,140 ft. @ 8" SOW x 13 3/8" 3/8	\$ 39.2 \$ 22.5 \$ - \$ 5.7	25 /ft. 58 /ft. /ft.	9 5/8", 40#, P-110, LT&C 5-1/2", 23#, P-110 BTC-> 0 2-7/8", 6.5#, L-80, EUE	520 (P	\$340,000	530 540 550 560 570 580 590	\$19,000 \$25,000 \$63,000 \$32,000 \$10,000 \$0	\$340,000 \$451,000 \$19,000 \$25,000 \$63,000 \$44,000 \$10,000 \$0
Surface Casing Intermediate Casing Production Casing Toe Initiator Sleeve Surf Equ Trkg/Inst/Lbr Tubing Wellhead Equipment 13-5// Packers & Subsurface Equipment Pumping Unit & Prime Mover Sucker Rods & Pump Production Facility	8667 ft. @ 19,960 ft. @ 0 ft. @ 10,140 ft. @ 8" SOW x 13 3/8" 3/8	\$ 39.2 \$ 22.5 \$ - \$ 5.7	25 /ft. 58 /ft. /ft.	9 5/8", 40#, P-110, LT&C 5-1/2", 23#, P-110 BTC-> 0 2-7/8", 6.5#, L-80, EUE	520 (P	\$340,000 \$12,000	530 540 550 560 570 580 590 600	\$19,000 \$25,000 \$63,000 \$32,000 \$10,000 \$0 \$0 \$170,000	\$340,000 \$451,000 \$19,000 \$25,000 \$63,000 \$44,000 \$10,000 \$0 \$0 \$170,000
Surface Casing Intermediate Casing Production Casing Toe Initiator Sleeve Surf Equ Trkg/Inst/Lbr Tubing Wellhead Equipment 13-5/I Packers & Subsurface Equipment Pumping Unit & Prime Mover Sucker Rods & Pump Production Facility Flowline, Valves & Connections	8667 ft. @ 19,960 ft. @ 0 ft. @ 10,140 ft. @ 8" SOW x 13 3/8" 3/8	\$ 39.2 \$ 22.5 \$ - \$ 5.7	25 /ft. 58 /ft. /ft.	9 5/8", 40#, P-110, LT&C 5-1/2", 23#, P-110 BTC-> 0 2-7/8", 6.5#, L-80, EUE	520 (P	\$340,000 \$12,000	530 540 550 560 570 580 590 600	\$19,000 \$25,000 \$63,000 \$32,000 \$10,000 \$0 \$0 \$170,000 \$25,000	\$340,000 \$451,000 \$19,000 \$25,000 \$63,000 \$10,000 \$0 \$0 \$170,000
Surface Casing Intermediate Casing Production Casing Toe Initiator Sleeve Surf Equ Trkg/Inst/Lbr Tubing Wellhead Equipment 13-5/I Packers & Subsurface Equipment Pumping Unit & Prime Mover Sucker Rods & Pump Production Facility Flowline, Valves & Connections	8667 ft. @ 19,960 ft. @ 0 ft. @ 10,140 ft. @ 8" SOW x 13 3/8" 3/8	\$ 39.2 \$ 22.5 \$ - \$ 5.7	25 /ft. 58 /ft. /ft.	9 5/8", 40#, P-110, LT&C 5-1/2", 23#, P-110 BTC-> 0 2-7/8", 6.5#, L-80, EUE	520 (P	\$340,000 \$12,000 \$408,000	530 540 550 560 570 580 590 600	\$19,000 \$25,000 \$63,000 \$32,000 \$10,000 \$0 \$0 \$170,000 \$25,000	\$340,000 \$451,000 \$19,000 \$25,000 \$63,000 \$44,000 \$10,000 \$0 \$170,000 \$25,000
Surface Casing Intermediate Casing Production Casing Toe Initiator Sleeve Surf Equ Trkg/Inst/Lbr Tubing Wellhead Equipment 13-5/6 Packers & Subsurface Equipment Pumping Unit & Prime Mover Sucker Rods & Pump Production Facility Flowline, Valves & Connections  TOTAL TANGIBLES TOTAL AFE  APPROVAL:	8667 ft. @ 19,960 ft. @ 0 ft. @ 10,140 ft. @ 8" SOW x 13 3/8" 3kt	\$ 39.2 \$ 22.5 \$ - \$ 5.7	25 /ft. 58 /ft. /ft.	9 5/8", 40#, P-110, LT&C 5-1/2", 23#, P-110 BTC-> 0 2-7/8", 6.5#, L-80, EUE	520 (P	\$340,000 \$12,000 \$12,000 \$408,000 \$4,043,000	530 540 550 560 570 580 590 600 610	\$19,000 \$25,000 \$63,000 \$32,000 \$10,000 \$0 \$170,000 \$25,000 \$795,000	\$340,000 \$451,000 \$19,000 \$25,000 \$63,000 \$44,000 \$10,000 \$0 \$170,000 \$25,000
Surface Casing Intermediate Casing Production Casing Toe Initiator Sieeve Surf Equ Trkg/Inst/Lbr Tubing Wellhead Equipment 13-5/f Packers & Subsurface Equipment Pumping Unit & Prime Mover Sucker Rods & Pump Production Facility Flowline, Valves & Connections  TOTAL TANGIBLES  TOTAL AFE  APPROVAL: Operator: CONTINENTAL RESOURC	8667 ft. @ 19,960 ft. @ 0 ft. @ 10,140 ft. @ 8" SOW x 13 3/8" 3kt	\$ 39.2 \$ 22.5 \$ - \$ 5.7 K×11" 5K×7	25 /ft. 58 /ft. /ft. 75 /ft.	9 5/8", 40#, P-110, LT&C 5-1/2", 23#, P-110 BTC-> 0 2-7/8", 6.5#, L-80, EUE	520 (P	\$12,000 \$12,000 \$12,000 \$408,000 \$4,043,000 Non-Operator:	530 540 550 560 570 580 590 600 610	\$19,000 \$25,000 \$63,000 \$32,000 \$10,000 \$0 \$170,000 \$25,000 \$795,000	\$340,000 \$451,000 \$19,000 \$25,000 \$63,000 \$44,000 \$10,000 \$0 \$170,000 \$25,000

tation or warrant as to the accuracy of such estimate, or construed in anyway to limit a participant's responsibility to pay its proportionate share of all

costs and expenses incurred in connection with the referenced operations.

#N/A

