AUTHORITY FOR EXPENDITURE
OPERATOR: Back Nine Properties, LLC
LEASE: Bandon Dunes 2H
LOCATION: Sec. 6, Twp. 108, Rng. 28E
COUNTY, STATE: CHAVES COUNTY, NEW MEXICO
COMMENTS: By A.C. Hadaway
Day Work Drilling Contract
TVD 2,300
MD 6,900
ZONE: SAN ANDRES

DRLG. DAYS: COMPL, DAYS: TOTAL DAYS:

DATE:

3/7/2017

		SAN AND	RES				TOTAL DAYS	
	INTANGIBLE				TD	P&A	COMPL	Total
Code		Days	\$/day	Days				
IT-1	Location, Road, Damages	•			\$25,000		\$3,500	\$28,500
IT-2 IT-3	Permits, Survey				\$3,000 \$90,000			\$3,000 \$90,000
11-3 1T-4	Drilling				400,000			400,000
IT-5	Day Work w/ DP:	14	\$14,000	0	\$196,000		\$0	\$196,000
IT-6	TOP DRIVE SYSTEM		\$0	0	\$0		\$0	\$0
IT-7	Directional Drilling:	520	\$12.00	0			\$0	\$62,400
IT-8	Drill RH & MH & Crnt Cond W/O Rig:		\$3,500	5	\$10,000 \$0		\$0 \$17,500	\$10,000 \$17,500
IT-9	Bits & Stabilizers		, 43,500		\$12,000		\$17,500	\$12,000
	Mud & Chemicals/Oil				\$45,000		\$0	\$45,000
IT-12	Fresh Water				\$5,000		\$0	\$5,000
IT-13			\$0		\$0		\$0	\$0
	FLOWBACK TANK Rental Surface:		S \$1,100 RASHTRAILER/PORTA	10	\$0 \$10,000		\$11,000 \$5,000	\$11,000 \$15,000
			DRLG. JARS		\$5,000		\$0	\$5,000
	Casing Crew & Tool		9-5/8"	5.5	\$4,000		\$6,000	\$10,000
	Cement Surface Csg.				\$15,000		\$0	\$15,000
	KICK OFF PLUG				\$15,000		<b>*</b> 07.000	\$15,000
	Cement Long String Csg. Packers Plus System				\$0 \$0		\$25,000 \$0	\$25,000 \$0
IT-22	Mud Logger:				\$6,300		\$0	\$6,300
	ROTARY CORE				\$20,000		\$0	\$20,000
IT-24	Nu/Nd/Test				\$5,000		\$0	\$5,000
	Fuel	1			\$42,188		\$0	\$42,188
IT-26	Trucking				\$5,500 \$15,000			\$5,500 \$15,000
IT-21	Welding				\$1,600		\$2,000	\$3,600
	Engineering/Supervision:	1		10	\$18,000		\$12,000	\$30,000
IT-30	Geological:	:	\$750	0	\$1,500		\$0	\$1,500
IT-31	Insurance	• • • • • • •			\$5,000		\$0	\$5,000
	Wirefine services				\$0 \$5,000		\$0 \$0	\$0 \$5,000
	Open Hole Logs COIL TUBING DRILL OUT				\$5,000		\$60,000	\$60,000
	Internal Professional Origination	on Fee -			\$0		\$0	\$0
IT-36	<del>-</del>				\$0		\$0	\$0
IT-38	Stimulation 15 STAGE P&P					1	\$350,000	\$350,000
	Contingency @			10.00%	\$62,249 \$684,736	\$0	\$49,200 \$541,200	\$111,449
	TOTAL:					₽U	#34 I,ZUU	\$1,225,936
			AUTHOR	ITY FOR EX	PENDITURE			
	LEASE:	Bandon D		ITY FOR EX	PENDITURE			
	TANGIBLE		unes 2H		TD	7	Compl	Total
	TANGIBLE CASING	in. OD	res 2H	@ \$/ft	TD	ដែលដែល	Compi	
T-1	TANGIBLE CASING Conductor:	in. OD 20"	unes 2H	@ \$/ft \$40.00	TD \$0	មួយ មិនម មួយ មួយ	Compl	\$0
T-1 T-2 T-3	TANGIBLE CASING	in. OD 20" 13-3/8"	runes 2H	@ \$/ft	\$0 \$0		Compi	
T-2	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2:	in. OD 20" 13-3/8" 9-5/8"	feet 0 0 1,700 0	\$40.00 \$28.00 \$15,00 \$30.00	\$0 \$0 \$25,500	មួយ មិនម មួយ មួយ		\$0 \$0 \$25,500 \$0
T-2 T-3 T-4 T-5	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production:	in. OD 20" 13-3/8" 9-5/8" 7" 5.1	feet   0   0   1,700   0   5   6,900	\$40.00 \$28.00 \$15.00 \$30.00 \$12.00	\$0 \$0 \$25,500 \$0		Compi \$82,800	\$0 \$0 \$25,500 \$0 \$82,800
T-2 T-3 T-4 T-5 T-6	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner:	in. OD 20" 13-3/8" 9-5/8" 7" 5.	res 2H    feet	@ \$/ft \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$9.75	\$0 \$0 \$25,500 \$0		\$82,800	\$0 \$0 \$25,500 \$0 \$82,800 \$0
T-2 T-3 T-4 T-5 T-6 T-7	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing:	in. OD 20" 13-3/8" 9-5/8" 7" 5.	feet   0   0   1,700   0   5   6,900	\$40.00 \$28.00 \$15.00 \$30.00 \$12.00	\$0 \$0 \$25,500 \$0		\$82,800 \$6,900	\$0 \$0 \$25,500 \$0 \$0 \$82,800 \$0 \$8,900
T-2 T-3 T-4 T-5 T-6	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner:	in. OD 20" 13-3/8" 9-5/8" 7" 5.:	res 2H    feet	@ \$/ft \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$9.75 \$3.00	\$0 \$0 \$25,500 \$0		\$82,800	\$0 \$0 \$25,500 \$0 \$82,800 \$0
T-2 T-3 T-4 T-5 T-6 T-7	TANGIBLE  CASING  Conductor.  Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System	in. OD 20" 13-3/8" 9-5/8" 7" 5.:	feet   0   0   1,700   0   5   6,900   0   2,300	@ \$/\tau \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$9.75 \$3.00	\$0 \$0 \$25,500 \$0 \$2,500		\$82,800 \$6,900 \$0	\$0 \$0 \$25,500 \$0 \$82,800 \$0 \$6,900
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-9	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Line: Tubing: Packers Plus System Wellhead: Float Equipment - DV Tool: Contingency @	in. OD 20" 13-3/8" 9-5/8" 7" 5.:		@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$9.75 \$3.00	\$0 \$25,500 \$0 \$25,500 \$2,500 \$2,500 \$3,450		\$6,900 \$0,900 \$0 \$10,000 \$6,000 \$10,570	\$0 \$0 \$25,500 \$0 \$82,800 \$0 \$6,900 \$0 \$16,500 \$8,500 \$14,020
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-9	TANGIBLE  CASING  Conductor Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Wellhead: Floet Equipment - DV Tool: Contingency @ Total Tangible:	in. OD 20" 13-3/8" 9-5/8" 7" 5.:		@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$9.75 \$3.00	\$0 \$0 \$25,500 \$0 \$2,500 \$2,500 \$3,450 \$37,950		\$82,800 \$8,900 \$10,000 \$6,000 \$10,570 \$116,270	\$0 \$0 \$25,500 \$0 \$82,800 \$8,800 \$6,900 \$16,500 \$8,500 \$14,020 \$154,220
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-9	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Line: Tubing: Packers Plus System Wellhead: Float Equipment - DV Tool: Contingency @	in. OD 20" 13-3/8" 9-5/8" 7" 5.:		@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$9.75 \$3.00	\$0 \$0 \$25,500 \$0 \$2,500 \$2,500 \$3,450 \$37,950		\$6,900 \$0,900 \$0 \$10,000 \$6,000 \$10,570	\$0 \$0 \$25,500 \$0 \$82,800 \$0 \$6,900 \$0 \$16,500 \$8,500 \$14,020
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-9	TANGIBLE  CASING  Conductor Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Wellhead: Floet Equipment - DV Tool: Contingency @ Total Tangible:	in. OD 20" 13-3/8" 9-5/8" 7" 5.:		@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$9.75 \$3.00	\$0 \$0 \$25,500 \$0 \$2,500 \$2,500 \$3,450 \$37,950		\$82,800 \$8,900 \$10,000 \$6,000 \$10,570 \$116,270	\$0 \$0 \$25,500 \$0 \$82,800 \$8,800 \$6,900 \$16,500 \$8,500 \$14,020 \$154,220
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-9	TANGIBLE  CASING  Conductor. Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Wellhead: Float Equipment - DV Tool: Contingency ® Total Tangible: Total Drill & Complete:	in. OD 20" 13-3/8" 9-5/8" 7" 5.:		@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$9.75 \$3.00	\$0 \$0 \$25,500 \$0 \$2,500 \$2,500 \$3,450 \$37,950		\$82,800 \$6,900 \$10,000 \$6,000 \$11,570 \$116,270	\$0 \$25,500 \$0 \$82,800 \$0 \$8,900 \$16,500 \$14,020 \$154,220 \$1,380,156
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-9	TANGIBLE  CASING  Conductor. Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Wellhead: Floet Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP	in. OD 20" 13-3/8" 9-5/8" 7" 5.: 2.875	feet       feet	@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$9.75 \$3.00	\$0 \$0 \$25,500 \$0 \$2,500 \$2,500 \$3,450 \$37,950		\$62,800 \$6,900 \$0 \$10,000 \$6,000 \$116,270 \$116,270 \$657,470	\$0 \$25,500 \$0 \$82,800 \$0 \$6,900 \$16,500 \$14,020 \$154,220 \$1,380,156
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-9 T-10 T-11	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Wellhead: Floet Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP  Rods:	in. OD 20" 13-3/8" 9-5/8" 7" 5.	feet       feet	© \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$3.00	\$0 \$0 \$25,500 \$0 \$2,500 \$2,500 \$3,450 \$37,950		\$62,800 \$8,900 \$10,000 \$6,000 \$116,570 \$116,270 \$657,470	\$0 \$25,500 \$0 \$82,800 \$8,800 \$6,900 \$16,500 \$8,500 \$14,020 \$154,220 \$1380,156
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-9 T-10 T-11	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Wellhead: Float Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP  Rods: MISC FOR ESP PUMP	in. OD 20" 13-3/8" 9-5/8" 7" 5.:	feet	@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$9.75 \$3.00	\$0 \$0 \$25,500 \$0 \$2,500 \$2,500 \$3,450 \$37,950		\$62,800 \$6,900 \$10,000 \$6,000 \$10,570 \$116,270 \$657,470	\$0 \$25,500 \$0 \$82,800 \$0 \$8,900 \$18,500 \$14,020 \$154,220 \$1,380,156
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-9 T-10 T-11	TANGIBLE  CASING  Conductor Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Wellhead: Float Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP Rods: MISC FOR ESP PUMP Installation	in. OD 20" 13-3/8" 9-5/8" 7" 5.	feet	@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$3.75 \$3.00	\$0 \$0 \$25,500 \$0 \$2,500 \$2,500 \$3,450 \$37,950		\$62,800 \$8,900 \$10,000 \$6,000 \$116,570 \$116,270 \$657,470	\$0 \$25,500 \$0 \$82,800 \$8,800 \$6,900 \$16,500 \$8,500 \$14,020 \$154,220 \$1380,156
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-9 T-10 T-11	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Wellhead: Float Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP  Rods: MISC FOR ESP PUMP	in. OD 20" 13-3/8" 9-5/8" 7" 5.	feet       feet	@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$3.75 \$3.00	\$0 \$0 \$25,500 \$0 \$2,500 \$2,500 \$3,450 \$37,950		\$62,800 \$6,900 \$10,000 \$10,570 \$116,270 \$657,470 \$60,000 \$5,5000 \$5,000 \$10,000 \$800,000 \$10,000 \$5,000 \$10,000 \$8,000 \$10,000	\$0 \$25,500 \$2,500 \$82,800 \$8,900 \$16,500 \$14,020 \$154,220 \$1,380,158 \$60,000 \$5,000 \$5,000 \$1,000
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-9 T-10 T-11	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System  Wellhead: Floet Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP  Rods: MISC FOR ESP PUMP  Installation	in. OD 20" 13-3/8" 9-5/8" 7" 5.	feet       feet	@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$3.75 \$3.00	\$0 \$0 \$25,500 \$0 \$2,500 \$2,500 \$3,450 \$37,950		\$62,800 \$8,900 \$10,000 \$1,000 \$10,570 \$116,270 \$657,470 \$65,000 \$5,000 \$10,000	\$0 \$25,500 \$82,800 \$0 \$82,800 \$0 \$16,500 \$14,020 \$154,220 \$1,380,156
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-9 T-10 T-11	TANGIBLE  CASING  Conductor: Surface: Intermediate 2: Production: Liner: Tubing: Packers Plus System Wellhead: Total Tangible: Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP Installation Installation Contingency @ Total Artificial Lift:	in. OD 20" 13-3/8" 9-5/8" 7" 5.	feet       feet	@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$3.75 \$3.00	\$0 \$0 \$25,500 \$0 \$2,500 \$2,500 \$3,450 \$37,950		\$62,800 \$6,900 \$10,000 \$10,570 \$116,270 \$657,470 \$60,000 \$5,5000 \$5,000 \$10,000 \$800,000 \$10,000 \$5,000 \$10,000 \$8,000 \$10,000	\$0 \$25,500 \$2,500 \$82,800 \$8,900 \$16,500 \$14,020 \$154,220 \$1,380,158 \$60,000 \$5,000 \$5,000 \$1,000
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-9 T-10 T-11	TANGISLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Wellhead: Floet Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP Rods: MISC FOR ESP PUMP Installation	in. OD 20" 13-3/8" 9-5/8" 7" 5.	feet       feet	@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$9.75 \$3.00	\$0 \$0 \$25,500 \$0 \$2,500 \$2,500 \$3,450 \$37,950 \$722,686		\$62,800 \$6,900 \$10,000 \$10,570 \$116,270 \$657,470 \$60,000 \$5,5000 \$5,000 \$10,000 \$800,000 \$10,000 \$5,000 \$10,000 \$8,000 \$10,000	\$0 \$25,500 \$2,500 \$82,800 \$8,900 \$16,500 \$14,020 \$154,220 \$1,380,158 \$60,000 \$5,000 \$5,000 \$10,000 \$88,000
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-10 T-11 T-12 T-13 T-14 T-15 T-16	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Wellhead: Floet Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP Rods: MISC FOR ESP PUMP Installation	in. OD 20" 13-3/8" 9-5/8" 7" 5.		@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$9.75 \$3.00	\$0 \$0 \$25,500 \$0 \$25,500 \$2,500 \$3,450 \$37,950 \$722,686		\$62,800 \$8,900 \$10,000 \$1,0570 \$116,270 \$657,470 \$60,000 \$5,000 \$5,000 \$1,000 \$8,000 \$88,000	\$0 \$25,500 \$0 \$82,800 \$0 \$6,900 \$18,500 \$14,020 \$154,220 \$1,380,156 \$60,000 \$5,000 \$1,000 \$1,000
T-2 T-3 T-4 T-5 T-6 T-7 T-10 T-11 T-12 T-13 T-14 T-15 T-16	TANGISLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Wellhead: Floet Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP Rods: MISC FOR ESP PUMP Installation	in. OD 20" 13-3/8" 9-5/8" 7" 5.	feet       feet	@ \$/R \$40,00 \$28,00 \$15,00 \$30,00 \$12,00 \$3,00 \$3,00	\$0 \$0 \$25,500 \$0 \$25,500 \$2,500 \$3,450 \$37,950 \$722,686		\$62,800 \$6,900 \$10,570 \$116,270 \$65,000 \$5,000 \$5,000 \$5,000 \$8,000 \$8,000 \$20,000	\$0 \$25,500 \$25,500 \$82,800 \$8,900 \$16,500 \$14,020 \$154,220 \$1,380,156 \$60,000 \$5,000 \$10,000 \$88,000 \$88,000
T-2 T-3 T-4 T-5 T-6 T-7 T-10 T-11 T-12 T-13 T-14 T-15 T-16 T-17 T-16	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Weilhead: Total Tangible: Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP Rods: MISC FOR ESP PUMP Installation Liner: Liner: Liner: Liner: Total Artificial Lift: TANK BATTERY Gas/Water Lines, Meters Valves & Connection SEP/HI/Iztc	in. OD 20" 13-3/8" 9-5/8" 7" 5.:	unes 2H   feet	© \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$8.75 \$3.00	\$0 \$0 \$25,500 \$0 \$25,500 \$2,500 \$3,450 \$37,950 \$722,686		\$62,800 \$6,900 \$10,000 \$10,500 \$116,270 \$116,270 \$657,470 \$60,000 \$5,000 \$1,000 \$5,000 \$5,000 \$5,000 \$20,000 \$20,000 \$30,000	\$0 \$25,500 \$82,800 \$0 \$8,900 \$16,500 \$1,500 \$154,220 \$1,380,156 \$60,000 \$5,000 \$5,000 \$5,000 \$5,000 \$5,000 \$88,000
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-9 T-10 T-11 T-12 T-13 T-14 T-15 T-16	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Weilhead: Float Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP Rods: MISC FOR ESP PUMP Installation	in. OD 20" 13-3/8" 9-5/8" 7" 5.	unes 2H   feet	@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$9.75 \$3.00	\$0 \$0 \$25,500 \$0 \$25,500 \$2,500 \$3,450 \$37,950 \$722,686		\$62,800 \$6,900 \$10,570 \$116,270 \$60,000 \$5,000 \$5,000 \$5,000 \$5,000 \$5,000 \$5,000 \$20,000 \$20,000 \$20,000	\$0 \$25,500 \$0 \$82,800 \$0 \$8,900 \$18,500 \$14,020 \$154,220 \$1,380,156 \$60,000 \$5,000 \$5,000 \$8,
T-2 T-3 T-4 T-5 T-6 T-7 T-10 T-11 T-12 T-13 T-14 T-15 T-16 T-17 T-16	TANGISLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Wellhead: Floet Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP Rods: MISC FOR ESP PUMP Installation	in. OD 20" 13-3/8" 9-5/8" 7" S.:	feet       feet	@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$3.75 \$3.00	\$0 \$0 \$25,500 \$0 \$25,500 \$2,500 \$3,450 \$37,950 \$722,686		\$62,800 \$6,900 \$10,000 \$10,500 \$116,270 \$116,270 \$657,470 \$60,000 \$5,000 \$1,000 \$5,000 \$5,000 \$5,000 \$20,000 \$20,000 \$30,000	\$0 \$25,500 \$82,800 \$0 \$8,900 \$16,500 \$1,500 \$154,220 \$1,380,156 \$60,000 \$5,000 \$5,000 \$5,000 \$5,000 \$5,000 \$88,000
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-9 T-10 T-11 T-12 T-13 T-14 T-15 T-16 T-17 T-19 T-20 T-21	TANGIBLE CASING Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Weilhead: Float Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP Rods: MISC FOR ESP PUMP Installation Electrical Contingency @ Total Artificial Lift:  TANK BATTERY Gas/Water Lines, Meters Valves & Connection SEPHT/Etc. Oil Tank SW Tank	in. OD 20" 13-3/8" 9-5/8" 7" S.:	unes 2H   feet	@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$12.00 \$3.75 \$3.00	\$0 \$0 \$25,500 \$0 \$25,500 \$2,500 \$3,450 \$37,950 \$722,686		\$82,800 \$8,900 \$10,000 \$1,000 \$1,000 \$1,000 \$1,000 \$1,000 \$5,000	\$0 \$25,500 \$2,500 \$82,800 \$8,900 \$16,500 \$14,020 \$154,220 \$1,380,156 \$60,000 \$5,000 \$10,000 \$8,000 \$8,000 \$5,000 \$10,000 \$20,000 \$20,000 \$90,000 \$00,000 \$15,000
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-10 T-11 T-12 T-13 T-14 T-15 T-16 T-17 T-18 T-19 T-16 T-17 T-18 T-19	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Weilhead: Floet Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP  Rods: MISC FOR ESP PUMP Installation	in. OD 20" 13-3/8" 9-5/8" 7" 5.	unes 2H   feet	@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$1.00 \$1.00	\$0 \$0 \$25,500 \$0 \$25,500 \$2,500 \$3,450 \$37,950 \$722,686		\$62,800 \$8,900 \$10,000 \$6,000 \$10,570 \$116,270 \$657,470 \$60,000 \$5,000 \$	\$0 \$25,500 \$82,800 \$0 \$8,900 \$16,500 \$14,020 \$154,220 \$1,380,156 \$60,000 \$5,000 \$5,000 \$8,000 \$8,000 \$20,000 \$20,000 \$15,000 \$15,000 \$15,000 \$15,000 \$10,000 \$
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-10 T-11 T-12 T-13 T-14 T-15 T-16 T-17 T-18 T-19 T-16 T-17 T-18 T-19	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System  Weilhead: Floet Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP  Rods: MISC FOR ESP PUMP Installation	in. OD 20" 13-3/8" 9-5/8" 7" 5.	unes 2H   feet	@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$1.00 \$1.00	\$0 \$0 \$25,500 \$2,500 \$2,500 \$3,450 \$37,950 \$722,686		\$62,800 \$6,900 \$10,000 \$410,570 \$116,270 \$657,470 \$60,000 \$5,000 \$5,000 \$5,000 \$8,000 \$20,000 \$20,000 \$30,000 \$10,000 \$10,000 \$30,000 \$30,000 \$30,000 \$30,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$3176,000	\$0 \$25,500 \$82,800 \$0 \$82,800 \$0 \$8,900 \$18,500 \$14,020 \$154,220 \$1,380,156 \$5,000 \$5,000 \$8,000 \$8,000 \$8,000 \$10,000 \$20,000 \$0 \$15,000 \$10,000 \$10,000 \$10,000 \$10,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-10 T-11 T-12 T-13 T-14 T-15 T-16 T-17 T-18 T-19 T-16 T-17 T-18 T-19	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Weilhead: Floet Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP Rods: MISC FOR ESP PUMP Installation	in. OD 20" 13-3/8" 9-5/8" 7" 5.	unes 2H   feet	@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$1.00 \$1.00	\$0 \$0 \$25,500 \$0 \$25,500 \$2,500 \$3,450 \$37,950 \$722,686		\$62,800 \$6,900 \$10,570 \$116,270 \$65,000 \$5,000 \$1,000 \$20,000 \$20,000 \$20,000 \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$310,000	\$0 \$25,500 \$0 \$82,800 \$0 \$6,900 \$18,500 \$154,220 \$154,220 \$1,380,156 \$60,000 \$5,000 \$5,000 \$10,000 \$8,000 \$20,000 \$20,000 \$15,000 \$10,
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-10 T-11 T-12 T-13 T-14 T-15 T-16 T-17 T-18 T-19 T-16 T-17 T-18 T-19	TANGIBLE CASING Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System Weilhead: Float Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP Rods: MISC FOR ESP PUMP Installation Electrical Contingency @ Total Artificial Lift:  TANK BATTERY Gas/Water Lines, Meters Valves & Connection SEP/HT/Etc. Oil Tank Labor Miscellaneous Contingency @ Total Tank Battery: Total D&C, Art Lift & SE:	in. OD 20" 13-3/8" 9-5/8" 7" 5.:	unes 2H   feet	@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$1.00 \$1.00	\$0 \$0 \$25,500 \$2,500 \$2,500 \$3,450 \$37,950 \$722,686		\$82,800 \$8,900 \$10,000 \$10,570 \$116,270 \$657,470 \$60,000 \$5,5000 \$5,000 \$5,000 \$5,000 \$5,000 \$5,000 \$10,000 \$20,000 \$20,000 \$20,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000 \$11,000	\$0 \$25,500 \$2,500 \$82,800 \$6,900 \$16,500 \$14,020 \$154,220 \$1,380,156 \$60,000 \$5,000 \$10,000 \$20,000 \$20,000 \$20,000 \$1
T-2 T-3 T-4 T-5 T-6 T-7 T-8 T-10 T-11 T-12 T-13 T-14 T-15 T-16 T-17 T-18 T-19 T-16 T-17 T-18 T-19	TANGIBLE  CASING  Conductor: Surface: Intermediate 1: Intermediate 2: Production: Liner: Tubing: Packers Plus System  Weilhead: Floet Equipment - DV Tool: Contingency @ Total Tangible: Total Drill & Complete:  ARTIFICIAL LIFT  ESP PUMP  Rods: MISC FOR ESP PUMP Installation	in. OD 20" 13-3/8" 9-5/8" 7" 5.:	unes 2H   feet	@ \$/R \$40.00 \$28.00 \$15.00 \$30.00 \$1.00 \$300	\$0 \$0 \$25,500 \$2,500 \$2,500 \$3,450 \$37,950 \$722,686		\$62,800 \$6,900 \$10,000 \$410,570 \$116,270 \$657,470 \$60,000 \$5,000 \$5,000 \$5,000 \$8,000 \$20,000 \$20,000 \$30,000 \$10,000 \$10,000 \$30,000 \$30,000 \$30,000 \$30,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$310,000 \$3176,000	\$0 \$25,500 \$82,800 \$0 \$82,800 \$0 \$8,900 \$16,500 \$14,020 \$154,220 \$1,380,156 \$5,000 \$5,000 \$5,000 \$8,000 \$8,000 \$8,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$110,000 \$110,000 \$110,000 \$110,000 \$110,000

Grand Total:

This AFE is based on present day prices. Final costs could be higher or lower than those shown in this AFE, due to fluctuations in prices during the time of drilling and completion or unanticipated problems.

APPROVED BY:	DATE:	
COMPANY:		

OCD Case No. 15714 BACK NINE PROPERTIES
Bandon Dunes #2H Exhibit #7