## MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXP	- ENDITO				
Well Name: Pavo Macho 31/32 B2DA Fed Com #1H	Pros	pect:			
Location: SL: 660' FNL & 185' FWL (31), BHL: 990' FNL & 330' FEL (32)	c	ounty: E	idy		ST: NM
Sec. 31/32 Blk: Survey: TWP:	18S	RNG:	29E Prop. TV	D: 7700	TMD: 17900
INTANGIBLE COSTS 0180		CODE	TCP	CODE	cc
Permits and Surveys		0180-010		0180-0200	
Location: Roads, Pits & Site Preparation		0180-010		0180-0205	\$15,00
Location: Site Restoration, Excavation & Other		0180-010		0180-0206	\$20,00
Day Work, Footage, Turnkey Drilling 33 days drlg & 4 comp @ \$18,000/day Fuel 1000 qal/day @ \$2.15/gal		0180-011		0180-0210	\$77,00
Mud		0180-012		1) :	
Chemicals and Additives		0180-012		0180-0221	
Cementing		0180-012	5 \$35,000	0180-0225	\$55,00
Logging, Wireline & Coring Services Gyro/WL & plugs f/ frac		0180-013	+	0180-0230	\$200,00
Casing, Tubing & Snubbing Services		0180-013		0180-0234	\$35,00
Mud Logging Stimulation 30 stg 11.5MM gal/14MM sand SW		0180-013	7 \$25,000	0180-0241	\$1,800,00
Stimulation 30 stg 11.5MM gal/14MM sand SW Stimulation Rentals & Other		<b> </b>	1	0180-0241	\$1,000,00
Water & Other		0180-014	5 \$40,000		\$130,00
Bits		0180-014		0180-0248	\$2,50
Inspection & Repair Services		0180-015		0180-0250	\$4,00
Misc. Air & Pumping Services Toe prep & drill out	,	0180-015	4	0180-0254	\$140,00
Testing	-	0180-015	B \$20,000	0180-0258	\$20,00
Completion / Workover Rig 11 days @ \$3500/day				0180-0260	\$41,20
Rig Mobilization		0180-016		(IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	\$12,00
Transportation Welding and Construction		0180-016 0180-016		0180-0265 0180-0268	\$12,00
Engineering & Contract Supervision		0180-017		0180-0266	
Directional Services		0180-017			
Equipment Rental		0180-018		0180-0280	\$30,000
Well / Lease Legal		0180-018	4 \$5,000	0180-0284	
Well / Lease Insurance		0180-018		0180-0285	
Intangible Supplies		0180-018		0180-0288	
Damages		0180-019		0180-0290	
Pipeline, Road, Electrical ROW & Easements Pipeline Interconnect		0180-019	2 \$10,000	0180-0292	
Company Supervision		0180-019	5 \$200,000	0180-0295	\$40,000
Overhead Fixed Rate		0180-019	•	0180-0296	\$20,000
Well Abandonment		0180-019	<del></del>	0180-0298	
Contingencies 10% (TCP) 5% (CC)		0180-019	\$211,500	0180-0299	\$163,100
	TOTAL		\$2,326,100		\$3,424,800
TANGIBLE COSTS 0181		ļ			
C /40 48		0181-079	3	i 1	
Casing (19.1" - 30") 20" 94# J55 BTC @ \$67.26/ft + GRT			i	1	
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT		0181-079			
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT		0181-079 0181-079	\$21,700		
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT  Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT  Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT		0181-079	\$21,700		\$125,000
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT  Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT  Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT  Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT		0181-079 0181-079	\$21,700	0181-0797	
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT  Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT  Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT  Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT  Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT		0181-079 0181-079	\$ \$21,700 \$ \$181,000		
Casing (10.1" - 19.0")       415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT         Casing (8.1" - 10.0")       1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT         Casing (6.1" - 8.0")       8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT         Casing (4.1" - 6.0")       10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT         Tubing (2" - 4")       7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT         Drilling Head		0181-079 0181-079 0181-079	\$21,700 \$ \$181,000	0181-0797	\$37,000
Casing (10.1" - 19.0")       415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT         Casing (8.1" - 10.0")       1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT         Casing (6.1" - 8.0")       8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT         Casing (4.1" - 6.0")       10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT         Tubing (2" - 4")       7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT         Drilling Head		0181-079 0181-079 0181-079	\$ \$21,700 \$ \$181,000	0181-0797 0181-0798	\$37,000 \$12,000
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT Drilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods		0181-079 0181-079 0181-079	\$ \$21,700 \$ \$181,000	0181-0797 0181-0798 0181-0870 0181-0871 0181-0875	\$37,000 \$12,000 \$21,000 \$28,000
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT Dilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump		0181-079 0181-079 0181-079	\$ \$21,700 \$ \$181,000	0181-0797 0181-0798 0181-0870 0181-0871 0181-0875 0181-0880	\$37,000 \$12,000 \$21,000 \$28,000 \$15,000
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT Drilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump Artificial Lift Systems Gas Lift		0181-079 0181-079 0181-079	\$ \$21,700 \$ \$181,000	0181-0797 0181-0798 0181-0870 0181-0871 0181-0875 0181-0880 0181-0884	\$37,000 \$12,000 \$21,000 \$28,000 \$15,000 \$10,000
Casing (10.1" - 19.0")       415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT         Casing (8.1" - 10.0")       1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT         Casing (6.1" - 8.0")       8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT         Casing (4.1" - 6.0")       10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT         Tubing (2" - 4")       7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT         Drilling Head       Tubing Head & Upper Section         Downhole Directional Equipment       Sucker Rods         Packer Pump & Subsurface Equipment       rod pump         Artificial Lift Systems       Gas Lift         Pumping Unit       912 Pumping Unit		0181-079 0181-079 0181-079	\$ \$21,700 \$ \$181,000	0181-0797 0181-0798 0181-0870 0181-0871 0181-0875 0181-0880 0181-0884 0181-0885	\$37,000 \$12,000 \$21,000 \$28,000 \$15,000 \$10,000 \$83,000
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT Drilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump Artificial Lift Systems Gas Lift Pumping Unit 912 Pumping Unit Surface Pumps & Prime Movers 75HP PU motor & SWD pump		0181-079 0181-079 0181-079	\$ \$21,700 \$ \$181,000	0181-0797 0181-0798 0181-0870 0181-0871 0181-0875 0181-0880 0181-0884 0181-0885 0181-0886	\$37,000 \$12,000 \$21,000 \$28,000 \$15,000 \$10,000 \$83,000 \$20,000
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT Drilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump Artificial Lift Systems Gas Lift Pumping Unit 912 Pumping Unit Surface Pumps & Prime Movers 75HP PU motor & SWD pump Tanks - Steel 6-500bbl (2 coated)		0181-079 0181-079 0181-079	\$ \$21,700 \$ \$181,000	0181-0797 0181-0798 0181-0870 0181-0871 0181-0875 0181-0880 0181-0884 0181-0885	\$37,000 \$12,000 \$21,000 \$28,000 \$15,000 \$10,000 \$83,000 \$20,000
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Casing (10.1" - 19.0")       415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT         Casing (8.1" - 10.0")       1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT         Casing (6.1" - 8.0")       8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT         Casing (4.1" - 6.0")       10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT         Tubing (2" - 4")       7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT         Drilling Head       Tubing Head & Upper Section         Downhole Directional Equipment       Sucker Rods         Packer Pump & Subsurface Equipment       rod pump         Artificial Lift Systems       Gas Lift         Pumping Unit       912 Pumping Unit         Surface Pumps & Prime Movers       75HP PU motor & SWD pump         Tanks - Steel       6-500bbl (2 coated)         Tanks - Others       Separation & Gas Treating Equipment       30"x10"x1000# 3ph & 24"x10"x1000# 2ph         Heater Treaters, Line Heaters       6'x20"x75# HT		0181-079 0181-079 0181-079	\$ \$21,700 \$ \$181,000	0181-0797 0181-0798 0181-0870 0181-0875 0181-0875 0181-0880 0181-0884 0181-0885 0181-0890 0181-0891 0181-0895 0181-0897	\$37,000 \$12,000 \$21,000 \$28,000 \$15,000 \$10,000 \$83,000 \$70,000 \$30,000 \$17,500
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT Drilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump Artificial Lift Systems Gas Lift Pumping Unit 912 Pumping Unit Surface Pumps & Prime Movers 75HP PU motor & SWD pump Tanks - Steel 6-500bbl (2 coated) Tanks - Others Separation & Gas Treating Equipment 30"x10'x1000# 3ph & 24"x10'x1000# 2ph Heater Treaters, Line Heaters 6'x20'x75# HT		0181-079 0181-079 0181-079	\$ \$21,700 \$ \$181,000	0181-0797 0181-0798 0181-0870 0181-0871 0181-0875 0181-0885 0181-0885 0181-0886 0181-0890 0181-0895 0181-0897 0181-0897	\$37,000 \$12,000 \$21,000 \$28,000 \$15,000 \$83,000 \$70,000 \$30,000 \$17,500 \$14,000
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Casing (10.1" - 19.0")       415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT         Casing (8.1" - 10.0")       1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT         Casing (6.1" - 8.0")       8100' - 7" 26# HCP110 LTC/BTC @ \$20.99/ft + GRT         Casing (4.1" - 6.0")       10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT         Tubing (2" - 4")       7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT         Drilling Head       Tubing Head & Upper Section         Downhole Directional Equipment       Sucker Rods         Packer Pump & Subsurface Equipment       rod pump         Artificial Lift Systems       Gas Lift         Pumping Unit       912 Pumping Unit         Surface Pumps & Prime Movers       75HP PU motor & SWD pump         Tanks - Steel       6-500bbl (2 coated)         Tanks - Others       Separation & Gas Treating Equipment       30"x10"x1000# 3ph & 24"x10"x1000# 2ph         Heater Treaters, Line Heaters       6'x20"x75# HT         Metering Equipment       10"x10"x1000# 3ph & 24"x10"x1000# 2ph         Misc. Fittings, Valves, Line Pipe and Accessories         Cathodic Protection         Electrical Installations		0181-079 0181-079 0181-079	\$ \$21,700 \$ \$181,000	0181-0797 0181-0798 0181-0870 0181-0877 0181-0875 0181-0880 0181-0884 0181-0886 0181-0890 0181-0890 0181-0890 0181-0890 0181-0890 0181-0890 0181-0900	\$37,000 \$12,000 \$28,000 \$15,000 \$10,000 \$83,000 \$70,000 \$17,500 \$14,000 \$55,000 \$100,000
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT Drilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump Artificial Lift Systems Gas Lift Pumping Unit 912 Pumping Unit Surface Pumps & Prime Movers 75HP PU motor & SWD pump Tanks - Steel 6-500bbl (2 coated) Tanks - Others Separation & Gas Treating Equipment 30"x10"x1000# 3ph & 24"x10"x1000# 2ph Heater Treaters, Line Heaters 6'x20"x75# HT Metering Equipment Line Pipe - Gas Gathering and Transportation Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations Production Equipment Installation		0181-079 0181-079 0181-079	\$ \$21,700 \$ \$181,000	0181-0797 0181-0870 0181-0871 0181-0875 0181-0880 0181-0884 0181-0885 0181-0890 0181-0890 0181-0890 0181-0897 0181-0890 0181-0909	\$37,000 \$12,000 \$21,000 \$15,000 \$15,000 \$63,000 \$70,000 \$17,500 \$14,000 \$55,000 \$100,000 \$45,000
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT Drilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump Artificial Lift Systems Gas Lift Pumping Unit 912 Pumping Unit Surface Pumps & Prime Movers 75HP PU motor & SWD pump Tanks - Steel 6-500bbl (2 coated) Tanks - Others Separation & Gas Treating Equipment 30"x10"x1000# 3ph & 24"x10"x1000# 2ph Heater Treaters, Line Heaters 6"x20"x75# HT Metering Equipment Line Pipe - Gas Gathering and Transportation Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations	TOTAL	0181-079 0181-079 0181-079	5 \$21,700 5 \$181,000 0 \$12,000	0181-0797 0181-0798 0181-0870 0181-0877 0181-0875 0181-0886 0181-0886 0181-0896 0181-0897 0181-0897 0181-0897 0181-0897 0181-0897 0181-0909 0181-0900 0181-0900 0181-0900	\$37,000 \$12,000 \$21,000 \$15,000 \$10,000 \$83,000 \$70,000 \$17,500 \$14,000 \$55,000 \$100,000 \$55,000 \$100,000
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 8.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.99/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT  Drilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump Artificial Lift Systems Gas Lift Pumping Unit 912 Pumping Unit Surface Pumps & Prime Movers 75HP PU motor & SWD pump Tanks - Steel 6-500bbl (2 coated) Tanks - Others Separation & Gas Treating Equipment 30"x10'x1000# 3ph & 24"x10'x1000# 2ph Heater Treaters, Line Heaters 6'x20'x75# HT Metering Equipment Line Pipe - Gas Gathering and Transportation Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations Production Equipment Installation Pipeline Construction 1/2 mile 4" buried steel		0181-079 0181-079 0181-079	\$21,700 \$ \$181,000 \$ \$12,000 \$ \$227,100	0181-0797 0181-0798 0181-0870 0181-0877 0181-0875 0181-0886 0181-0886 0181-0896 0181-0897 0181-0897 0181-0897 0181-0897 0181-0897 0181-0909 0181-0900 0181-0900 0181-0900	\$37,000 \$12,000 \$21,000 \$28,000 \$15,000 \$10,000 \$83,000 \$70,000 \$17,500 \$14,000 \$15,000 \$55,000 \$55,000 \$45,000 \$55,000
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT Drilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump Artificial Lift Systems Gas Lift Pumping Unit 912 Pumping Unit Surface Pumps & Prime Movers 75HP PU motor & SWD pump Tanks - Steel 6-500bbl (2 coated) Tanks - Others Separation & Gas Treating Equipment 30"×10'×1000# 3ph & 24"×10'×1000# 2ph Heater Treaters, Line Heaters 6'×20'×75# HT Metering Equipment Line Pipe - Gas Gathering and Transportation Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations Production Equipment Installation Pipeline Construction 1/2 mile 4" buried steel	TOTAL	0181-079 0181-079 0181-079	\$21,700 \$181,000 \$12,000 \$12,000 \$227,100 \$2,553,200	0181-0990 0181-0990 0181-0870 0181-0877 0181-0875 0181-0880 0181-0886 0181-0886 0181-0886 0181-0890 0181-0891 0181-0895 0181-0990 0181-0900 0181-0900 0181-0900 0181-0900	\$37,000 \$12,000 \$28,000 \$15,000 \$10,000 \$83,000 \$70,000 \$17,500 \$14,000 \$15,000 \$55,000 \$100,000 \$45,000 \$757,500
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 8.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.99/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT  Drilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump Artificial Lift Systems Gas Lift Pumping Unit 912 Pumping Unit Surface Pumps & Prime Movers 75HP PU motor & SWD pump Tanks - Steel 6-500bbl (2 coated) Tanks - Others Separation & Gas Treating Equipment 30"x10'x1000# 3ph & 24"x10'x1000# 2ph Heater Treaters, Line Heaters 6'x20'x75# HT Metering Equipment Line Pipe - Gas Gathering and Transportation Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations Production Equipment Installation Pipeline Construction 1/2 mile 4" buried steel	TOTAL	0181-079 0181-079 0181-079	\$21,700 \$181,000 \$12,000 \$12,000 \$227,100 \$2,553,200	0181-0797 0181-0798 0181-0870 0181-0877 0181-0875 0181-0886 0181-0886 0181-0896 0181-0897 0181-0897 0181-0897 0181-0897 0181-0897 0181-0909 0181-0900 0181-0900 0181-0900	\$37,000 \$12,000 \$21,000 \$28,000 \$15,000 \$10,000 \$83,000 \$70,000 \$17,500 \$14,000 \$15,000 \$55,000 \$55,000 \$45,000 \$55,000
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT  Drilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump Artificial Lift Systems Gas Lift Pumping Unit 912 Pumping Unit Surface Pumps & Prime Movers 75HP PU motor & SWD pump  Tanks - Steel 6-500bbl (2 coated)  Tanks - Others Separation & Gas Treating Equipment 30"x10'x1000# 3ph & 24"x10'x1000# 2ph Heater Treaters, Line Heaters 6'x20'x75# HT Metering Equipment Line Pipe - Gas Gathering and Transportation Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations Pipeline Construction 1/2 mile 4" buried steel  SUE  TOTAL WELL C  Prepared by: D. Robison Date: 10/	TOTAL	0181-079 0181-079 0181-079	\$21,700 \$181,000 \$12,000 \$12,000 \$227,100 \$2,553,200	0181-0990 0181-0990 0181-0870 0181-0877 0181-0875 0181-0880 0181-0886 0181-0886 0181-0886 0181-0890 0181-0891 0181-0895 0181-0990 0181-0900 0181-0900 0181-0900 0181-0900	\$37,000 \$12,000 \$21,000 \$28,000 \$15,000 \$10,000 \$83,000 \$70,000 \$17,500 \$14,000 \$15,000 \$55,000 \$55,000 \$45,000 \$55,000
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.99/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT Drilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump Artificial Lift Systems Gas Lift Pumping Unit 912 Pumping Unit Surface Pumps & Prime Movers 75HP PU motor & SWD pump Tanks - Steel 6-500bbl (2 coated) Tanks - Others Separation & Gas Treating Equipment 30"x10'x1000# 3ph & 24"x10'x1000# 2ph Heater Treaters, Line Heaters 6'x20'x75# HT Metering Equipment Line Pipe - Gas Gathering and Transportation Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations Production Equipment Installation Production Equipment Installation Pipeline Construction 1/2 mile 4" buried steel	TOTAL OST 30/2015	0181-079 0181-079 0181-079	\$21,700 \$181,000 \$12,000 \$12,000 \$227,100 \$2,553,200	0181-0990 0181-0990 0181-0870 0181-0877 0181-0875 0181-0880 0181-0886 0181-0886 0181-0886 0181-0890 0181-0891 0181-0895 0181-0990 0181-0900 0181-0900 0181-0900 0181-0900	\$37,000 \$12,000 \$21,000 \$28,000 \$15,000 \$10,000 \$83,000 \$70,000 \$17,500 \$14,000 \$15,000 \$55,000 \$55,000 \$45,000 \$55,000
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT Drilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump Artificial Lift Systems Gas Lift Pumping Unit 912 Pumping Unit Surface Pumps & Prime Movers 75HP PU motor & SWD pump Tanks - Steel 6-500bbl (2 coated) Tanks - Others Separation & Gas Treating Equipment 30"x10'x1000# 3ph & 24"x10'x1000# 2ph Heater Treaters, Line Heaters 6'x20'x75# HT Metering Equipment Line Pipe - Gas Gathering and Transportation Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations Production Equipment Installation Production Equipment Installation Pipeline Construction 1/2 mile 4" buried steel	TOTAL	0181-079 0181-079 0181-079	\$21,700 \$181,000 \$12,000 \$12,000 \$227,100 \$2,553,200	0181-0990 0181-0990 0181-0870 0181-0877 0181-0875 0181-0880 0181-0886 0181-0886 0181-0886 0181-0890 0181-0891 0181-0895 0181-0990 0181-0900 0181-0900 0181-0900 0181-0900	\$37,000 \$12,000 \$21,000 \$28,000 \$15,000 \$10,000 \$83,000 \$70,000 \$17,500 \$14,000 \$15,000 \$55,000 \$50,000 \$45,000 \$55,000
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT  Drilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump Artificial Lift Systems Gas Lift Pumping Unit 912 Pumping Unit Surface Pumps & Prime Movers 75HP PU motor & SWD pump Tanks - Steel 6-500bbl (2 coated) Tanks - Others Separation & Gas Treating Equipment 30"x10'x1000# 3ph & 24"x10'x1000# 2ph Heater Treaters, Line Heaters 6'x20'x75# HT Metering Equipment Line Pipe - Gas Cathering and Transportation Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations Production Equipment Installation Pipeline Construction 1/2 mile 4" buried steel  TOTAL WELL C Prepared by: D. Robison Date: 10/	TOTAL OST 30/2015	0181-079 0181-079 0181-079	\$21,700 \$181,000 \$12,000 \$12,000 \$227,100 \$2,553,200	0181-0990 0181-0990 0181-0870 0181-0877 0181-0875 0181-0880 0181-0886 0181-0886 0181-0886 0181-0890 0181-0891 0181-0895 0181-0990 0181-0900 0181-0900 0181-0900 0181-0900	\$37,000 \$12,000 \$21,000 \$28,000 \$15,000 \$10,000 \$83,000 \$70,000 \$17,500 \$14,000 \$15,000 \$55,000 \$55,000 \$45,000 \$55,000
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 64# HCP110 LTC/BTC @ \$20.90/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT Drilling Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump Artificial Lift Systems Gas Lift Pumping Unit 912 Pumping Unit Surface Pumps & Prime Movers 75HP PU motor & SWD pump Tanks - Steel 6-500bbl (2 coated) Tanks - Others Separation & Gas Treating Equipment 30"x10'x1000# 3ph & 24"x10'x1000# 2ph Heater Treaters, Line Heaters 6'x20'x75# HT Metering Equipment Line Pipe - Gas Cathering and Transportation Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations Production Equipment Installation Pipeline Construction 1/2 mile 4" buried steel  TOTAL WELL C Prepared by: D. Robison Date: 10/  Zoint Owner Interest: Amount:	TOTAL OST 30/2015	0181-079 0181-079 0181-079	\$21,700 \$181,000 \$12,000 \$12,000 \$227,100 \$2,553,200	0181-0990 0181-0990 0181-0870 0181-0877 0181-0875 0181-0880 0181-0886 0181-0886 0181-0886 0181-0890 0181-0891 0181-0895 0181-0990 0181-0900 0181-0900 0181-0900 0181-0900	\$37,000 \$12,000 \$28,000 \$15,000 \$10,000 \$83,000 \$70,000 \$17,500 \$14,000 \$15,000 \$55,000 \$100,000 \$45,000 \$757,500
Casing (10.1" - 19.0")	OST 30/2015 30/2015	0181-079 0181-079 0181-079 0181-086	\$21,700 \$181,000 \$12,000 \$12,000 \$227,100 \$2,553,200 \$6,7	0181-0797 0181-0798 0181-0870 0181-0877 0181-0875 0181-0880 0181-0886 0181-0886 0181-0890 0181-0895 0181-0897 0181-0895 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900	\$37,000 \$12,000 \$21,000 \$28,000 \$15,000 \$15,000 \$50,000 \$70,000 \$30,000 \$17,500 \$15,000 \$55,000 \$55,000 \$45,000 \$44,182,300
Casing (10.1" - 19.0") 415' - 13 3/8" 54.5# J55 STC @ \$28.24/ft + GRT Casing (8.1" - 10.0") 1110' - 9 5/8" 36# J55 LTC @ \$18.30/ft + GRT Casing (6.1" - 8.0") 8100' - 7" 26# HCP110 LTC/BTC @ \$20.90/ft + GRT Casing (4.1" - 6.0") 10000' - 4 1/2" 13.5# P110 LTC @ \$11.70/ft + GRT Tubing (2" - 4") 7350' - 2 7/8" 6.5# L80 EUE 8rd @ \$4.62/ft + GRT Drilling Head Tubing Head Tubing Head & Upper Section Downhole Directional Equipment Sucker Rods Packer Pump & Subsurface Equipment rod pump Artificial Lift Systems Gas Lift Pumping Unit 912 Pumping Unit Surface Pumps & Prime Movers 75HP PU motor & SWD pump Tanks - Steel 6-500bbl (2 coated) Tanks - Others Separation & Gas Treating Equipment 30"x10'x1000# 3ph & 24"x10'x1000# 2ph Heater Treaters, Line Heaters 6'x20'x75# HT Metering Equipment Line Pipe - Gas Gathering and Transportation Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations Pipeline Construction 1/2 mile 4" buried steel  TOTAL WELL C Prepared by: D. Robison Date: 10/ Joint Owner Interest: Amount: Joint Owner Interest: Amount: Joint Owner Interest: Amount: Joint Owner Interest: Amount: Joint Owner Name.  Operator has secured Operator's Extra Expense Insurance covering costs of well control, c	OST 30/2015 30/2015 ean up an	0181-079 0181-079 0181-086 0181-086	\$21,700 \$181,000 \$12,000 \$12,000 \$227,100 \$2,553,200 \$6,7	0181-0797 0181-0798 0181-0870 0181-0871 0181-0875 0181-0880 0181-0886 0181-0886 0181-0886 0181-0886 0181-0890 0181-0890 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900	\$37,000 \$12,000 \$21,000 \$28,000 \$15,000 \$15,000 \$30,000 \$70,000 \$317,500 \$14,000 \$55,000 \$5,000 \$45,000 \$45,000 \$44,182,300
Casing (10.1" - 19.0")	OST 30/2015 30/2015 ean up an	0181-079 0181-079 0181-086 0181-086	\$21,700 \$181,000 \$12,000 \$12,000 \$227,100 \$2,553,200 \$6,7	0181-0797 0181-0798 0181-0870 0181-0871 0181-0875 0181-0880 0181-0886 0181-0886 0181-0886 0181-0886 0181-0890 0181-0890 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900 0181-0900	

Oil Conservation Division
Case No.

Exhibit No.