## **MEWBOURNE OIL COMPANY**

AUTHORIZATION FOR EXPENDITURE

	pect: Bru	shy Canyon De	elaware	
And the second s	ounty: Edd			ST: NM
Sec. 35 Bik: Survey: TWP: 23S		28E Prop. TVD	6231'	
Marian Company of the				
INTANGIBLE COSTS 180	CODE 100	TCP \$10,000	<b>CODE</b> 200	CC \$4,000
Permits and Surveys Location: Roads, Pits & Site Preparation	105	\$10,000 \$65,000	205	<b>₩</b> 4,000
Location: Site Restoration, Excavation & Other	106	\$150,000		254.000
Day Work, Footage, Turnkey Drilling 20 days drlg, 3 comp @ \$17,000/Day + GRT Fuel	110 114	\$340,000 \$85,000	210	\$51,000
Mud	120	\$65,000		
Chemicals and Additives	121	100.000	221	\$3,000
Cementing Logging, Wireline & Coring Services (Gyro, open hole logs and processing)	125 130	\$80,000 \$30,000	225 230	
Casing, Tubing & Snubbing Services (Gyro, open note logs and processing)	134	\$25,000	234	\$15,000
Mud Logging	137	\$25,000		
Stimulation Stimulation Rentals & Other (Water & water transportation)	<b> </b>	-	241 242	\$900,000 \$250,000
Water & Other (Water & Water transportation)	145	\$45,000	£-7£	Ψ200,000
Bits	148	\$40,000	248	21.500
Inspection & Repair Services Misc. Air & Pumping Services	150 154	\$25,000	250 254	\$1,500
Testing	158	\$4,000	258	
Completion / Workover Rig			260	\$15,000
Rig Mobilization	164	\$140,000	265	£12.000
Transportation Welding and Construction	165 168	\$30,000 \$10,000	265 268	\$12,000 \$5,000
Engineering & Contract Supervision	170	\$40,000	270	7-1
Directional Services	175	\$170,000	220	<b>#5.000</b>
Equipment Rental Well / Lease Legal	180 184	\$140,000 \$8,000	280 284	\$5,000
Well / Lease Insurance	185	\$4,500	285	
Intangible Supplies	188	\$5,000	288	\$1,000
Damages Pipeline, Road, Electrical ROW & Easements	190 192	\$10,000	290 292	\$5,000
Pipeline Interconnect	132		292	φυ,σου
Company Supervision	195	\$50,000	295	\$35,000
Overhead Fixed Rate	196	\$9,000	296	\$7,000
Well Abandonment Contingencies 10% (TCP) 5% (CC)	198 199	\$160,600	298 299	\$65,500
TOTAL		\$1,766,100	<del></del>	\$1,375,000
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TANGIBLE COSTS 181				
Casing (19.1" - 30")	793			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Casing (19.1" - 30") Casing (10.1" - 19.0")	793 794 795	\$12,700		¥ 1,3 1 2,10 2
Casing (19.1" - 30")  Casing (10.1" - 19.0")  Casing (8.1" - 10.0") 500' 9 5/8" 36#/40# J55/N80 STC @ \$25.25/ft  Casing (6.1" - 8.0") 6525' 7" 26# P110 LTC/BTC @\$29.00/ft	794	\$12,700 \$190,000		,,,,,,,,,,
Casing (19.1" - 30")  Casing (10.1" - 19.0")  Casing (8.1" - 10.0") 500' 9 5/8" 36#/40# J55/N80 STC @ \$25.25/ft  Casing (6.1" - 8.0") 6525' 7" 26# P110 LTC/BTC @\$29.00/ft  Casing (4.1" - 6.0") 4400' 4 1/2" 11.6# P110 LTC @ \$12.25/ft	794 795		797	\$54,000
Casing (19.1" - 30")  Casing (10.1" - 19.0")  Casing (8.1" - 10.0") 500' 9 5/8" 36#/40# J55/N80 STC @ \$25.25/ft  Casing (6.1" - 8.0") 6525' 7" 26# P110 LTC/BTC @\$29.00/ft  Casing (4.1" - 6.0") 4400' 4 1/2" 11.6# P110 LTC @ \$12.25/ft  Tubing (2" - 4") 5725' 2 7/8" 6.5# L80 EUE 8rd @ \$ 7.75/ft	794 795 796	\$190,000		
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Casing (19.1" - 30")  Casing (10.1" - 19.0")  Casing (8.1" - 10.0") 500' 9 5/8" 36#/40# J55/N80 STC @ \$25.25/ft  Casing (6.1" - 8.0") 6525' 7" 26# P110 LTC/BTC @\$29.00/ft  Casing (4.1" - 6.0") 4400' 4 1/2" 11.6# P110 LTC @ \$12.25/ft  Tubing (2" - 4") 5725' 2 7/8" 6.5# L80 EUE 8rd @ \$ 7.75/ft  Drilling Head  Tubing Head & Upper Section  Sucker Rods  Packer Pump & Subsurface Equipment 17-20 stages + 7" packer	794 795 796	\$190,000	797 798 870 875 880	\$54,000 \$45,000 \$10,000 \$30,000 \$235,000
Casing (19.1" - 30")  Casing (10.1" - 19.0")  Casing (8.1" - 10.0") 500' 9 5/8" 36#/40# J55/N80 STC @ \$25.25/ft  Casing (6.1" - 8.0") 6525' 7" 26# P110 LTC/BTC @\$29.00/ft  Casing (4.1" - 6.0") 4400' 4 1/2" 11.6# P110 LTC @ \$12.25/ft  Tubing (2" - 4") 5725' 2 7/8" 6.5# L80 EUE 8rd @ \$ 7.75/ft  Drilling Head  Tubing Head & Upper Section  Sucker Rods	794 795 796	\$190,000	797 798 870 875	\$54,000 \$45,000 \$10,000 \$30,000
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Casing (19.1" - 30") Casing (10.1" - 19.0") Casing (8.1" - 10.0") 500' 9 5/8" 36#/40# J55/N80 STC @ \$25.25/ft Casing (6.1" - 8.0") 6525' 7" 26# P110 LTC/BTC @\$29.00/ft Casing (4.1" - 6.0") 4400' 4 1/2" 11.6# P110 LTC @ \$12.25/ft Tubing (2" - 4") 5725' 2 7/8" 6.5# L80 EUE 8rd @ \$ 7.75/ft Drilling Head Tubing Head & Upper Section Sucker Rods Packer Pump & Subsurface Equipment 17-20 stages + 7" packer Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers Tanks - Steel 3 - 500 bbl steel	794 795 796	\$190,000	797 798 870 875 880 884 885 886 890	\$54,000 \$45,000 \$10,000 \$30,000 \$235,000 \$6,500 \$75,000 \$6,000 \$45,000
Casing (19.1" - 30") Casing (10.1" - 19.0") Casing (8.1" - 10.0") 500' 9 5/8" 36#/40# J55/N80 STC @ \$25.25/ft Casing (6.1" - 8.0") 6525' 7" 26# P110 LTC/BTC @\$29.00/ft Casing (4.1" - 6.0") 4400' 4 1/2" 11.6# P110 LTC @ \$12.25/ft Tubing (2" - 4") 5725' 2 7/8" 6.5# L80 EUE 8rd @ \$ 7.75/ft Drilling Head Tubing Head & Upper Section Sucker Rods Packer Pump & Subsurface Equipment 17-20 stages + 7" packer Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers Tanks - Steel 3 - 500 bbl steel Tanks - Others 2 - 500 bbl fiberglass	794 795 796	\$190,000	797 798 870 875 880 884 885 886	\$54,000 \$45,000 \$10,000 \$30,000 \$235,000 \$6,500 \$75,000 \$6,000
Casing (19.1" - 30") Casing (10.1" - 19.0") Casing (8.1" - 10.0") 500' 9 5/8" 36#/40# J55/N80 STC @ \$25.25/ft Casing (6.1" - 8.0") 6525' 7" 26# P110 LTC/BTC @\$29.00/ft Casing (4.1" - 6.0") 4400' 4 1/2" 11.6# P110 LTC @ \$12.25/ft Tubing (2" - 4") 5725' 2 7/8" 6.5# L80 EUE 8rd @ \$ 7.75/ft Drilling Head Tubing Head & Upper Section Sucker Rods Packer Pump & Subsurface Equipment 17-20 stages + 7" packer Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers Tanks - Steel 3 - 500 bbl steel Tanks - Others 2 - 500 bbl fiberglass Separation Equipment 36" x 10' x 500# 3-phase Gas Treating Equipment	794 795 796	\$190,000	797 798 870 875 880 884 885 886 890 891 895 896	\$54,000 \$45,000 \$10,000 \$30,000 \$235,000 \$6,500 \$75,000 \$6,000 \$45,000 \$16,000
Casing (19.1" - 30") Casing (10.1" - 19.0") Casing (8.1" - 10.0") 500' 9 5/8" 36#/40# J55/N80 STC @ \$25.25/ft Casing (6.1" - 8.0") 6525' 7" 26# P110 LTC/BTC @\$29.00/ft Casing (4.1" - 6.0") 4400' 4 1/2" 11.6# P110 LTC @ \$12.25/ft Tubing (2" - 4") 5725' 2 7/8" 6.5# L80 EUE 8rd @ \$ 7.75/ft Drilling Head Tubing Head & Upper Section Sucker Rods Packer Pump & Subsurface Equipment 17-20 stages + 7" packer Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers Tanks - Steel 3 - 500 bbl steel Tanks - Others 2 - 500 bbl fiberglass Separation Equipment 36" x 10' x 500# 3-phase Gas Treating Equipment Heater Treaters, Line Heaters 6'x20'x75# heater treater	794 795 796 860	\$190,000	797 798 870 875 880 884 885 886 890 891 895 896 897	\$54,000 \$45,000 \$10,000 \$30,000 \$235,000 \$6,500 \$75,000 \$45,000 \$26,000 \$16,000
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Casing (19.1" - 30") Casing (10.1" - 19.0") Casing (8.1" - 10.0") 500' 9 5/8" 36#/40# J55/N80 STC @ \$25.25/ft Casing (6.1" - 8.0") 6525' 7" 26# P110 LTC/BTC @\$29.00/ft Casing (4.1" - 6.0") 4400' 4 1/2" 11.6# P110 LTC @\$12.25/ft Tubing (2" - 4") 5725' 2 7/8" 6.5# L80 EUE 8rd @ \$ 7.75/ft  Drilling Head Tubing Head & Upper Section Sucker Rods Packer Pump & Subsurface Equipment 17-20 stages + 7" packer Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers Tanks - Steel 3 - 500 bbl steel Tanks - Others 2 - 500 bbl fiberglass Separation Equipment 36" x 10" x 500# 3-phase Gas Treating Equipment Heater Treaters, Line Heaters 6'x20'x75# heater treater Metering Equipment Line Pipe - Gas Gathering and Transportation Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations Production Equipment Installation Pipeline Construction  TOTAL SUBTOTAL  TOTAL WELL COST	794 795 796 860	\$190,000 \$6,000 \$1,974,800	797 798 870 875 880 884 885 886 890 891 895 896 897 898 900 906 908 909 910 920	\$54,000 \$45,000 \$10,000 \$30,000 \$235,000 \$6,500 \$75,000 \$45,000 \$16,000 \$10,000 \$50,000 \$40,000 \$50,000
Casing (19.1" - 30") Casing (10.1" - 19.0") Casing (8.1" - 10.0") 500' 9 5/8" 36#/40# J55/N80 STC @ \$25.25/ft Casing (6.1" - 8.0") 6525' 7" 26# P110 LTC/BTC @\$29.00/ft Casing (4.1" - 6.0") 4400' 4 1/2" 11.6# P110 LTC @ \$12.25/ft Tubing (2" - 4") 5725' 2 7/8" 6.5# L80 EUE 8rd @ \$ 7.75/ft Drilling Head Tubing Head & Upper Section Sucker Rods Packer Pump & Subsurface Equipment 17-20 stages + 7" packer Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers Tanks - Steel 3 - 500 bbl steel Tanks - Others 2 - 500 bbl fiberglass Separation Equipment 36" x 10" x 500# 3-phase Gas Treating Equipment Heater Treaters, Line Heaters 6'x20"x75# heater treater Metering Equipment Line Pipe - Gas Gathering and Transportation Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations Production Equipment Installation Pipeline Construction  TOTAL SUBTOTAL  TOTAL WELL COST Prepared by: L. Jackson Date: 3/19/2012	794 795 796 860	\$190,000 \$6,000 \$1,974,800	797 798 870 875 880 884 885 886 890 891 895 896 897 898 900 906 908 909 910 920	\$54,000 \$45,000 \$10,000 \$30,000 \$235,000 \$6,500 \$75,000 \$45,000 \$16,000 \$10,000 \$50,000 \$40,000 \$50,000
Casing (19.1" - 30") Casing (10.1" - 19.0") Casing (8.1" - 10.0") 500' 9 5/8" 36#/40# J55/N80 STC @ \$25.25/ft Casing (6.1" - 8.0") 6525' 7" 26# P110 LTC/BTC @\$29.00/ft Casing (4.1" - 6.0") 4400' 4 1/2" 11.6# P110 LTC @\$12.25/ft Tubing (2" - 4") 5725' 2 7/8" 6.5# L80 EUE 8rd @ \$ 7.75/ft  Drilling Head Tubing Head & Upper Section Sucker Rods Packer Pump & Subsurface Equipment 17-20 stages + 7" packer Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers Tanks - Steel 3 - 500 bbl steel Tanks - Others 2 - 500 bbl fiberglass Separation Equipment 36" x 10" x 500# 3-phase Gas Treating Equipment Heater Treaters, Line Heaters 6'x20'x75# heater treater Metering Equipment Line Pipe - Gas Gathering and Transportation Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations Production Equipment Installation Pipeline Construction  TOTAL SUBTOTAL  TOTAL WELL COST	794 795 796 860	\$190,000 \$6,000 \$1,974,800	797 798 870 875 880 884 885 886 890 891 895 896 897 898 900 906 908 909 910 920	\$54,000 \$45,000 \$10,000 \$30,000 \$235,000 \$6,500 \$75,000 \$45,000 \$16,000 \$10,000 \$50,000 \$40,000 \$50,000
Casing (19.1" - 30") Casing (10.1" - 19.0") Casing (8.1" - 10.0") Casing (8.1" - 8.0") Casing (6.1" - 8.0") Casing (6.1" - 8.0") Casing (6.1" - 8.0") Casing (6.1" - 8.0") Casing (4.1" - 6.0")  4400' 4 1/2" 11.6# P110 LTC @ \$12.25/ft  Tubing (2" - 4")  Drilling Head Tubing Head Tubing Head & Upper Section Sucker Rods Packer Pump & Subsurface Equipment  17-20 stages + 7" packer  Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers  Tanks - Steel  3 - 500 bbl steel  Tanks - Others  2 - 500 bbl fiberglass Separation Equipment Heater Treaters, Line Heaters G'x20'x75# heater treater Metering Equipment Heater Treaters, Line Heaters G'x20'x75# heater treater Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations Production Equipment Installation Pipeline Construction  TOTAL  SUBTOTAL  TOTAL WELL COST  Prepared by: L. Jackson  Date: 3/19/2012	794 795 796 860	\$190,000 \$6,000 \$1,974,800	797 798 870 875 880 884 885 886 890 891 895 896 897 898 900 906 908 909 910 920	\$54,000 \$45,000 \$10,000 \$30,000 \$235,000 \$6,500 \$75,000 \$45,000 \$16,000 \$10,000 \$50,000 \$40,000 \$50,000
Casing (19.1" - 30") Casing (10.1" - 19.0") Casing (8.1" - 10.0") Casing (8.1" - 10.0") Casing (8.1" - 10.0") Casing (8.1" - 10.0") Casing (8.1" - 8.0") Casing (8.1" - 8.0") Casing (8.1" - 8.0") Casing (8.1" - 8.0") Casing (4.1" - 6.0")  4400' 4 1/2" 11.6# P110 LTC (\$29.00/ft) Casing (4.1" - 6.0")  5725' 2 7/8" 6.5# L80 EUE 8rd (\$37.75/ft)  Drilling Head Tubing Head & Upper Section Sucker Rods Packer Pump & Subsurface Equipment T-20 stages + 7" packer Artificial Lift Systems Gas Lift Valves Pumping Unit Surface Pumps & Prime Movers Tanks - Steel 3 - 500 bbl steel Tanks - Others 2 - 500 bbl fiberglass Separation Equipment 36" x 10" x 500# 3-phase Gas Treating Equipment Heater Treaters, Line Heaters Metering Equipment Heater Treaters, Line Heaters Metering Equipment Line Pipe - Gas Gathering and Transportation Misc. Fittings, Valves, Line Pipe and Accessories Cathodic Protection Electrical Installations Production Equipment Installation Pipeline Construction  TOTAL SUBTOTAL  TOTAL WELL COST  Prepared by: L. Jackson Date: 3/19/2012	794 795 796 860	\$190,000 \$6,000 \$6,000 \$1,974,800 \$1,974,800 \$4,03	797 798 870 875 880 884 885 886 890 891 895 896 897 898 900 906 908 909 910 920	\$54,000 \$45,000 \$30,000 \$30,000 \$235,000 \$6,500 \$45,000 \$26,000 \$16,000 \$10,000 \$50,000 \$40,000 \$50,000
Casing (19.1" - 30")   Casing (10.1" - 19.0")   500' 9 5/8" 36#/40# J55/N80 STC @ \$25.25/ft     Casing (8.1" - 8.0")   6525' 7" 26# P110 LTC/BTC @\$29.00/ft     Casing (6.1" - 8.0")   4400' 4 1/2" 11.6# P110 LTC @ \$12.25/ft     Tubing (2" - 4")   5725' 2 7/8" 6.5# L80 EUE 8rd @ \$ 7.75/ft     Drilling Head   Tubing Head & Upper Section     Sucker Rods   Packer Pump & Subsurface Equipment   17-20 stages + 7" packer     Artificial Lift Systems   Gas Lift Valves     Pumping Unit     Surface Pumps & Prime Movers     Tanks - Steel   3 - 500 bbl steel     Tanks - Others   2 - 500 bbl liberglass     Separation Equipment   36" x 10" x 500# 3-phase     Gas Treating Equipment   Heater Treaters, Line Heaters   6'x20'x75# heater treater     Metering Equipment   Misc. Fittings, Valves, Line Pipe and Accessories     Cathodic Protection   Electrical Installations     Production Equipment Installation     Pipeline Construction     TOTAL     SUBTOTAL     SUBTOTAL     SUBTOTAL     SUBTOTAL     SUBTOTAL     Oate   3/19/2012     Joint Owner Interest:   Amount:     Date   3/19/2012     Date   3/19/2012     Date   3/19/2012     Date   3/19/2012     Date   3/19/2012     Date   3/19/2012     Case No.   Case   C	794 795 796 860 sision	\$190,000 \$6,000 \$1,974,800 \$1,974,800	797 798 870 875 880 884 885 886 890 891 895 896 897 898 900 906 908 909 910 920	\$54,000 \$45,000 \$30,000 \$33,000 \$6,500 \$75,000 \$45,000 \$16,000 \$10,000 \$50,000 \$40,000 \$27,000 \$50,000

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