¬r ⊏ 1N0.		FOR EXPENDITURE	147-11-1-	<i>4</i> 1 E
escript	Lease Name Federal Gas Com	County	Well No San Juan	#16
tate	New Mexico Area San Juan Division	Operator		
•	Drill & Complete a infill Dakota Gas Well	Prepared by	JW Patton	
xplorat	ion Development X Recompletion T.L). 7,025' TVD	Date_	07/24/2000
				TOTAL
4x_xx		INTANGIBLE	TANGIBLE	TOTAL
-01 -01	CONDUCTOR HOLE / RATHOLE DAYWORK DRILLING 10 days @ \$6,300/day	\$63,000		\$63,0
-01	FOOTAGE DRILLING			\$03,0
-01	MOVING RIG	\$9,500		\$9,5
-01	TURNKEY DRILLING			
-03 -04	CONTRACT LABOR	\$4,000		\$4.0
-04	LOCATION / ROADS / PITS	\$12,000		\$5,0 \$12,0
-06	MUD/CHEMICALS	\$10,000		<u>\$12,0</u> \$10,0
-06	WATER & WATERLINES (for drilling)	\$12,000		\$12,0
-07	DST / WL FORMATION TESTING			
-08 -09	OPEN HOLE LOGS CEMENT & CEMENTING SERVICES	\$16,000		\$16,0
.09	DRILL BITS 1- 12 1/4", 3 - 7 7/8" Bits	\$8,000		\$6,0 \$20,0
-10	POWER & FUEL	\$2,000		\$2,0
-11	CASING CREWS, TOOLS & TONGS			
.12	RENTAL TOOLS & EQUIPMENT	\$4,000		\$4,0
- <u>15</u> -16	CORING & CORE ANALYSIS PUMP TRUCKS & SERVICES	•		
-17	ENGINEERING / SUPERVISION 10 days @ \$500/day	\$5,000		\$5,00
-18	MUD LOGGING UNIT	\$5,000		\$5,00
-18	DIRECTIONAL TOOLS & SERVICE			S
	FISHING TOOLS & SERVICE			
	LAND DAMAGES / LEGAL WORK OVERHEAD 10 days @ \$300/day	\$5,000		\$5.00
-01 -01	CONDUCTOR PIPE	\$3,000		\$3.00 \$
		,		
	SURFACE CASING 8-5/8" Surface Csg set @ 350'		\$2,800	\$2,80
	BRADENHEAD		\$4,500	\$4,50
	NON-CONT. TANG. EQUIP. DRLG.			\$
	NGENCIES 5%	\$9,100	\$400	\$9,50
	COST TO CASING POINT PLUG & ABANDONMENT	\$190,600	\$7,700	\$198,30
	COST IF DRY HOLE	\$2,000 \$192,600	\$7,700	\$2,00 \$200.30
		\$132,000	\$7,700	\$200,30
-02	COMPLETION UNIT 6 days @ \$2250/day	\$13,500		\$13,50
				\$5.00
	CONTRACT LABOR	\$5,000		
-03	INSTALLATION OF SERVICE EQUIPMENT			S
-03 -04	INSTALLATION OF SERVICE EQUIPMENT TRUCKING	\$5,000		\$ \$5,00
-03 -04 -05	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION			\$ \$5,00 \$2,50
-03 -04 -05 -06	INSTALLATION OF SERVICE EQUIPMENT TRUCKING	\$5,000		\$ \$5,00 \$2,50 \$
-03 -04 -05 -06 -06 -07	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES	\$5,000 \$2.500		\$ \$5,00 \$2,50
-03 -04 -05 -06 -07 -07 -09	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES	\$5,000 \$2,500 \$5,000 \$3,000 \$17,000		\$ \$5,00 \$2,50 \$ \$5,00 \$3,00 \$17,00
03 04 05 06 06 07 09 11	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS	\$5,000 \$2,500 \$5,000 \$3,000 \$17,000 \$4,000		\$ \$5.00 \$2,50 \$5.00 \$3,00 \$17.00 \$4.00
03 04 05 06 06 07 09 11 11	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT	\$5,000 \$2,500 \$5,000 \$3,000 \$17,000		\$ \$5.00 \$2,50 \$5.00 \$3,00 \$17.00 \$4.00 \$5.00
03 04 05 06 06 07 09 11 11 11 15	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER	\$5,000 \$2,500 \$5,000 \$3,000 \$17,000 \$4,000		\$ \$5.00 \$2,50 \$5.00 \$3,00 \$17.00 \$4,00 \$5.00 \$5.00 \$5.00
03 04 05 06 06 07 09 11 11 15 15	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES	\$5,000 \$2,500 \$5,000 \$3,000 \$17,000 \$4,000 \$5,000		\$5.00 \$2.50 \$5.00 \$5.00 \$3,00 \$17.00 \$4,00 \$5.00
03 04 05 06 07 09 11 15 15 15 15	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac	\$5,000 \$2,500 \$5,000 \$3,000 \$17,000 \$4,000 \$5,000 \$4,000 \$5,000 \$60,000		\$ \$5.00 \$2.50 \$5.00 \$3,00 \$17,00 \$4,00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$17,00 \$10,00 \$10,00 \$10,00 \$10,000\$100\$100\$100\$100\$100\$100\$100\$100\$
03 04 05 06 07 09 11 15 15 15 15 16	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day	\$5,000 \$2,500 \$5,000 \$3,000 \$17,000 \$4,000 \$5,000 \$4,000 \$4,000		\$ \$5.00 \$2.50 \$3.00 \$3.00 \$17.00 \$4.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$17.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.0
03 04 05 06 07 09 11 15 15 15 15 16 18	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES	\$5,000 \$2,500 \$5,000 \$3,000 \$17,000 \$4,000 \$5,000 \$4,000 \$5,000 \$60,000		\$ \$5.00 \$2.50 \$3.00 \$3.00 \$17.00 \$4.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$17.00 \$4.00 \$5.00 \$5.00 \$5.00 \$5.00 \$17.00 \$4.00 \$5.00 \$5.00 \$5.00 \$5.00 \$17.00 \$4.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$17.00 \$5.00 \$5.00 \$17.00 \$4.00 \$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.0
03 04 05 06 07 09 11 15 15 15 15 16 18 18	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day	\$5,000 \$2,500 \$5,000 \$3,000 \$17,000 \$4,000 \$5,000 \$4,000 \$5,000 \$60,000		\$ \$5.00 \$2.50 \$3.00 \$3.00 \$17.00 \$4.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$3.00 \$3.00 \$3.00 \$3.00
03 04 05 06 07 09 11 15 15 15 15 16 18 18 18 18 21	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day	\$5,000 \$2,500 \$5,000 \$3,000 \$17,000 \$4,000 \$5,000 \$4,000 \$5,000 \$60,000		\$ \$5.00 \$2.50 \$3.00 \$3.00 \$17.00 \$4.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$17.00 \$4.00 \$5.00 \$5.00 \$5.00 \$5.00 \$17.00 \$4.00 \$5.00 \$5.00 \$5.00 \$5.00 \$17.00 \$4.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$17.00 \$5.00 \$5.00 \$17.00 \$4.00 \$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.000\$\$5.0
03 04 05 06 07 09 11 15 15 15 15 15 16 18 18 18 18 18 01	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day PRODUCTION CASING / LINER 4-1/2", 10.5# Csg @ 7025'	\$5,000 \$2,500 \$3,000 \$3,000 \$17,000 \$4,000 \$5,000 \$4,000 \$5,000 \$3,000 \$3,000	\$26,400	\$5.00 \$2.50 \$3.00 \$17.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$3.00 \$4.00 \$5.00 \$4.00 \$5.00 \$5.00 \$4.00 \$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.00
03 04 05 06 07 09 11 15 15 15 15 15 16 18 18 18 18 21 01 02	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day PRODUCTION CASING / LINER 4-1/2", 10.5# Csg @ 7025' TUBING 2-3/8" Tbg @ 6925'	\$5,000 \$2,500 \$3,000 \$3,000 \$17,000 \$4,000 \$5,000 \$4,000 \$5,000 \$3,000 \$3,000	\$15,600	\$5.00 \$2.50 \$2.50 \$3.00 \$17.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$1.7.00 \$4.00 \$5.00 \$5.00 \$5.00 \$5.00 \$17.00 \$4.00 \$5.00\$5.00
03 04 05 06 07 09 11 15 15 15 15 16 18 18 18 18 18 21 01 02 03	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day PRODUCTION CASING / LINER 4-1/2", 10.5# Csg @ 7025' TUBING 2-3/8" Tbg @ 6925' TUBINGHEAD / X-MAS TREE	\$5,000 \$2,500 \$3,000 \$3,000 \$17,000 \$4,000 \$5,000 \$4,000 \$5,000 \$3,000 \$3,000	\$15,600 \$6,500	\$5.00 \$2.50 \$3.00 \$17.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$5.00 \$4.00 \$5.00 \$5.00 \$5.00 \$4.00 \$5.00 \$5.00 \$5.00 \$4.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$4.00 \$5.000 \$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.0
D3 D4 D5 D6 D7 D9 11 15 15 15 16 18 18 18 19 101 D2 D3 D4	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day PRODUCTION CASING / LINER 4-1/2", 10.5# Csg @ 7025' TUBING 2-3/8" Tbg @ 6925'	\$5,000 \$2,500 \$3,000 \$3,000 \$17,000 \$4,000 \$5,000 \$4,000 \$5,000 \$3,000 \$3,000	\$15,600	\$5.00 \$2.50 \$3.00 \$17.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$4.00 \$5.00 \$5.00 \$5.00 \$4.00 \$5.00 \$5.00 \$5.00 \$4.00 \$5.000 \$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.0
D3 D4 D5 D6 D7 D9 11 15 15 15 16 18 18 19 101 102 103 104 105 110 125 135 14 15 15 16 175 18 19 101 102 103 104 105	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day PRODUCTION CASING / LINER 4-1/2", 10.5# Csg @ 7025' TUBING 2-3/8" Tbg @ 6925' TUBINGHEAD / X-MAS TREE ARTIFICIAL LIFT EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / GAUGES	\$5,000 \$2,500 \$3,000 \$3,000 \$17,000 \$4,000 \$5,000 \$4,000 \$5,000 \$3,000 \$3,000	\$15,600 \$6,500	\$5.00 \$2.50 \$3.00 \$17.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$5.00 \$4.00 \$5.00 \$5.00 \$4.00 \$5.000 \$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.0
D3 D4 D5 D6 D7 D9 1 5 5 5 6 7 5 6 8 8 21 D2 D3 D4 D5 D5	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day PRODUCTION CASING / LINER 4-1/2", 10.5# Csg @ 7025' TUBING 2-3/8" Tbg @ 6925' TUBING HEAD / X-MAS TREE ARTIFICIAL LIFT EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / GAUGES TANKS / WALKS / STAIRWAYS	\$5,000 \$2,500 \$3,000 \$3,000 \$17,000 \$4,000 \$5,000 \$4,000 \$5,000 \$3,000 \$3,000 \$1,800	\$15,600 \$6,500 \$2,500 \$10,000 \$4,000	\$5,00 \$2,50 \$3,00 \$17,00 \$4,00 \$5,00 \$4,00 \$5,00 \$4,00 \$5,00 \$4,00 \$5,00 \$4,00 \$5,00 \$4,00 \$5,00 \$4,00 \$5,00 \$4,00 \$5,00 \$5,00 \$4,00 \$5,00 \$5,00 \$4,00 \$5,00 \$5,00 \$4,00 \$5,00 \$5,00 \$4,00 \$5,00 \$5,00 \$5,00 \$5,00 \$4,00 \$5,000\$\$5,000\$\$\$5,000\$\$5,000\$\$5,000\$\$5,000\$\$5,000\$\$5,000\$\$\$5,000\$\$5,0
33 34 35 36 37 39 31 32 33 34 35 35 36 8 8 8 8 33 34 35 36 37 38 39 39	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day PRODUCTION CASING / LINER 4-1/2", 10.5# Csg @ 7025' TUBING 2-3/8" Tbg @ 6925' TUBINGHEAD / X-MAS TREE ARTIFICIAL LIFT EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / GAUGES TANKS / WALKS / STAIRWAYS FLOWLINES & FITTINGS	\$5,000 \$2,500 \$3,000 \$3,000 \$17,000 \$4,000 \$5,000 \$4,000 \$5,000 \$3,000 \$3,000	\$15,600 \$6,500 \$2,500 \$10,000 \$4,000 \$4,500	\$5.00 \$2.50 \$3,00 \$17,00 \$4,00 \$5,00 \$4,00 \$5,00 \$4,00 \$5,00 \$4,00 \$5,00 \$4,00 \$5,00 \$4,00 \$5,00 \$5,00 \$5,00 \$4,00 \$5,00 \$5,00 \$5,00 \$4,00 \$5,00 \$5,00 \$5,00 \$4,00 \$5,00\$\$5,00\$\$\$5,00\$\$5,00\$\$5,00\$\$\$5,00\$\$5,00\$\$5,00\$\$\$5,00\$\$5,00\$\$\$5,00\$\$
03 04 05 06 107 09 1 5 5 6 8 8 8 8 91 02 03 04 05 03 04 05 07 08 09 00	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day PRODUCTION CASING / LINER 4-1/2", 10.5# Csg @ 7025' TUBING 2-3/8" Tbg @ 6925' TUBINGHEAD / X-MAS TREE ARTIFICIAL LIFT EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / GAUGES TANKS / WALKS / STAIRWAYS FLOWLINES & FITTINGS NON-CONT. TANG. EQUIP. COMPL. EFM/MTR RUN	\$5,000 \$2,500 \$5,000 \$3,000 \$17,000 \$4,000 \$5,000 \$4,000 \$5,000 \$3,000 \$1,800	\$15,600 \$6,500 \$2,500 \$10,000 \$4,000 \$4,500 \$8,000	\$5,00 \$2,50 \$3,00 \$17,00 \$4,00 \$5,00 \$4,00 \$5,00 \$4,00 \$5,00 \$4,00 \$5,00 \$4,00 \$5,00 \$4,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$4,00 \$3,00 \$3,00 \$4,00 \$3,00 \$3,00 \$5,00 \$4,00 \$5,000\$\$5
13 14 15 16 17 19 1 15 5 5 5 6 8 8 11 12 13 14 15 15 16 17 18 19 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day PRODUCTION CASING / LINER 4-1/2", 10.5# Csg @ 7025' TUBING 2-3/8" Tbg @ 6925' TUBINGHEAD / X-MAS TREE ARTIFICIAL LIFT EQUIPMENT SUBSURFACE EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / GAUGES TANKS / WALKS / STAIRWAYS FLOWLINES & FITTINGS NON-CONT, TANG, EQUIP, COMPL. EFM/MTR RUN IGENCIES 5%	\$5,000 \$2,500 \$3,000 \$3,000 \$17,000 \$4,000 \$5,000 \$5,000 \$4,000 \$5,000 \$1,800 \$1,800 \$1,800 \$1,800 \$5,400	\$15,600 \$6,500 \$2,500 \$10,000 \$4,000 \$4,500 \$8,000 \$3,900	\$5.00 \$2.50 \$3.00 \$17.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$5.000 \$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.000\$5.0
3 14 15 16 17 19 1 5 5 6 8 1 1 2 3 4 5 5 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day PRODUCTION CASING / LINER 4-1/2", 10.5# Csg @ 7025' TUBING 2-3/8" Tbg @ 6925' TUBING ABANDONMENT SUBSURFACE EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / GAUGES TANKS / WALKS / STAIRWAYS FLOWLINES & FITTINGS NON-CONT. TANG. EQUIP. COMPL. EFM/MTR RUN JGENCIES 5% COST TO COMPLETE & EQUIP	\$5,000 \$2,500 \$3,000 \$3,000 \$4,000 \$4,000 \$5,000 \$4,000 \$60,000 \$3,000 \$4,000 \$3,000 \$4,000 \$5,000 \$4,000 \$5,000\$5,000 \$5,0000\$5,0000\$5,0000\$5,0000\$5,0000\$5,0000\$5,0000\$5,0000\$5,0000\$5,0000\$5	\$15,600 \$6,500 \$2,500 \$10,000 \$4,000 \$4,000 \$4,500 \$8,000 \$3,900 \$81,400	\$5.0 \$2.5 \$3.0 \$3.0 \$4.0 \$5.0 \$4.0 \$5.0 \$4.0 \$60,0 \$3.0 \$3.0 \$3.0 \$3.0 \$3.0 \$3.0 \$3.0 \$3.
3 4 4 5 6 1 7 9 1 1 5 5 6 8 8 1 1 1 2 5 6 8 8 1 1 1 2 5 5 6 8 8 1 1 1 5 5 6 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day PRODUCTION CASING / LINER 4-1/2", 10.5# Csg @ 7025' TUBING 2-3/8" Tbg @ 6925' TUBINGHEAD / X-MAS TREE ARTIFICIAL LIFT EQUIPMENT SUBSURFACE EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / GAUGES TANKS / WALKS / STAIRWAYS FLOWLINES & FITTINGS NON-CONT, TANG, EQUIP, COMPL. EFM/MTR RUN IGENCIES 5%	\$5,000 \$2,500 \$3,000 \$3,000 \$17,000 \$4,000 \$5,000 \$5,000 \$4,000 \$5,000 \$1,800 \$1,800 \$1,800 \$1,800 \$5,400	\$15,600 \$6,500 \$2,500 \$10,000 \$4,000 \$4,500 \$8,000 \$3,900	\$5.0 \$2,5 \$5.0 \$3,0 \$17,0 \$4,0 \$5,0 \$4,0 \$5,0 \$4,0 \$3,0 \$3,0 \$3,0 \$3,0 \$1,8 \$6,5 \$2,5 \$10,0 \$4,5 \$15,6 \$10,0 \$4,0 \$10,0 \$4,0 \$10,0 \$4,0 \$10,0 \$4,0 \$10,0 \$1,8 \$10,0 \$1,8 \$10,0 \$1,0 \$1,0 \$1,0 \$1,0 \$1,0 \$1,0 \$1,
3 4 5 6 7 9 1 5 5 6 8 1 1 2 3 4 5 5 6 8 1 1 2 3 4 5 5 9 0 DNTIN	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC PIT / LINER FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day PRODUCTION CASING / LINER 4-1/2", 10.5# Csg @ 7025' TUBING 2-3/8" Tbg @ 6925' TUBING 2-3/8" Tbg @ 6925' TUBINGHEAD / X-MAS TREE ARTIFICIAL LIFT EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / S	\$5,000 \$2,500 \$3,000 \$17,000 \$4,000 \$5,000 \$5,000 \$3,000 \$3,000 \$1,800\$1,800 \$1,800\$100\$100\$100\$100\$100\$100\$100\$100\$100\$	\$15,600 \$6,500 \$2,500 \$10,000 \$4,000 \$4,500 \$8,000 \$3,900 \$81,400 \$89,100	\$5.0 \$2.5 \$5.0 \$3.0 \$17.0 \$4.0 \$5.0 \$4.0 \$5.0 \$4.0 \$60.0 \$3.0 \$3.0 \$3.0 \$1.8 \$26.4 \$15.6 \$6.5 \$2.5 \$10.0 \$4.0 \$10.0 \$4.0 \$3.0 \$10.0 \$4.0 \$10.0 \$4.0 \$1.8 \$1.8 \$1.8 \$1.8 \$1.8 \$1.8 \$1.8 \$1.8
3 4 5 6 7 9 1 5 5 5 6 8 8 8 8 1 1 2 5 6 8 8 8 8 1 1 2 5 5 6 8 8 8 8 1 1 5 5 1 5 5 6 8 8 8 8 8 8 8 8 8 8 8 8 8	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day PRODUCTION CASING / LINER 4-1/2", 10.5# Csg @ 7025' TUBING 2-3/8" Tbg @ 6925' TUBINGHEAD / X-MAS TREE ARTIFICIAL LIFT EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / GAUGES TANKS / WALKS / STAIRWAYS FLOWLINES & FITTINGS NON-CONT, TANG, EQUIP, COMPL. EFM/MTR RUN IGENCIES 5% COST TO COMPLETE & EQUIP WELL COST	\$5,000 \$2,500 \$3,000 \$3,000 \$17,000 \$4,000 \$5,000 \$5,000 \$3,000 \$3,000 \$1,800\$1,800 \$1,800\$100\$100\$100\$100\$100\$100\$100\$100\$100\$	\$15,600 \$6,500 \$2,500 \$10,000 \$4,000 \$4,000 \$4,500 \$8,000 \$3,900 \$81,400 \$89,100 WI % D.	\$5.0 \$2.5 \$5.0 \$3.0 \$17.0 \$4.0 \$5.0 \$4.0 \$6.0 \$3.0 \$1.8 \$26.4 \$15.6 \$6.5 \$2.5 \$10.0 \$4.0 \$1.8 \$26.4 \$15.6 \$6.5 \$2.5 \$10.0 \$4.0 \$1.8 \$2.5 \$10.0 \$4.0 \$1.8 \$2.5 \$10.0 \$4.0 \$1.8 \$2.5 \$10.0 \$4.0 \$1.8 \$2.5 \$2.5 \$2.5 \$2.5 \$2.5 \$2.5 \$2.5 \$2.5
3 4 5 6 7 9 1 5 5 5 6 8 8 8 8 1 1 2 5 6 8 8 8 8 1 1 2 5 5 6 8 8 8 8 1 1 5 5 1 5 5 6 8 8 8 8 8 8 8 8 8 8 8 8 8	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day PRODUCTION CASING / LINER 4-1/2", 10.5# Csg @ 7025' TUBING 2-3/8" Tbg @ 6925' TUBINGHEAD / X-MAS TREE ARTIFICIAL LIFT EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / GAUGES TANKS / WALKS / STAIRWAYS FLOWLINES & FITTINGS NON-CONT. TANG. EQUIP. COMPL. EFM/MTR RUN IGENCIES 5% COST TO COMPLETE & EQUIP WELL COST	\$5,000 \$2,500 \$3,000 \$3,000 \$17,000 \$4,000 \$5,000 \$5,000 \$3,000 \$3,000 \$1,800\$1,800 \$1,800\$100\$100\$100\$100\$100\$100\$100\$100\$100\$	\$15,600 \$6,500 \$2,500 \$10,000 \$4,000 \$4,000 \$4,500 \$8,000 \$3,900 \$81,400 \$89,100 WI % D.	\$5.0 \$2.5 \$5.0 \$3.0 \$17.0 \$4.0 \$5.0 \$4.0 \$6.0 \$3.0 \$1.8 \$26.4 \$15.6 \$6.5 \$2.5 \$10.0 \$4.0 \$4.0 \$1.8 \$26.4 \$15.6 \$6.5 \$2.5 \$10.0 \$4.0 \$4.0 \$1.8 \$2.5 \$10.0 \$4.0 \$1.8 \$2.5 \$10.0 \$4.0 \$1.8 \$2.5 \$2.5 \$2.5 \$2.5 \$2.5 \$2.5 \$2.5 \$2.5
3 4 5 6 7 9 1 5 5 6 8 1 1 2 3 4 5 5 6 8 1 1 2 3 4 5 5 9 0 DNTIN	INSTALLATION OF SERVICE EQUIPMENT TRUCKING FILL PITS & DRESS LOCATION CHEMICAL PRODUCTS WATER TRANSPORTS (DELIVERY & DISPOSAL) CASED HOLE WIRELINE SERVICES CEMENT & CEMENTING SERVICES CASING CREWS, TOOLS & TONGS RENTAL TOOLS & EQUIPMENT FRAC TANK RENTALS & TANK TRUCKING (TO LOC.) PUMP TRUCKS & SERVICES STIMULATION SERVICES Dakota Frac ENGINEERING / SUPERVISION 6 days @ \$500/day FISHING TOOLS & SERVICES LEGAL WORK PLUG & ABANDONMENT OVERHEAD 6 days @ \$300/day PRODUCTION CASING / LINER 4-1/2", 10.5# Csg @ 7025' TUBING 2-3/8" Tbg @ 6925' TUBINGHEAD / X-MAS TREE ARTIFICIAL LIFT EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / SALVABLE SEPARATION EQUIPMENT / GAUGES TANKS / WALKS / STAIRWAYS FLOWLINES & FITTINGS NON-CONT, TANG, EQUIP, COMPL. EFM/MTR RUN IGENCIES 5% COST TO COMPLETE & EQUIP WELL COST	\$5,000 \$2,500 \$3,000 \$3,000 \$17,000 \$4,000 \$5,000 \$5,000 \$3,000 \$3,000 \$3,000 \$1,800\$1,800 \$1,800\$100\$100\$100\$100\$100\$100\$100\$100\$100\$	\$15,600 \$6,500 \$2,500 \$10,000 \$4,000 \$4,000 \$4,500 \$8,000 \$3,900 \$81,400 \$89,100 WI % D. WI % D.	\$5.00 \$2.50 \$3.00 \$17.00 \$4.00 \$5.00 \$4.00 \$5.00 \$4.00 \$3.000 \$3.000 \$3.000\$3.000\$3.000\$3.000\$3.000\$3.000\$3.000\$3.