



## A DIVISION OF ADVANCED DRILLING TECHNOLOGIES, LLC.

## LONGHORN CEMENTING CO.

P.O. BOX 203 YUMA, COLORADO 80759

CUSTOMER  RRI  LEASE CUINCII S # 1  WE  ADDRESS  COUNTY Cheyenne STATE KS  COUNTY Cheyenne STATE KS  AUTHORIZED BY Wayne Mahan  EQUIPMENT 7/11 - 1/4 - 1/21  TYPE JOB: P # DEPTH FT. CEMENT DATA: BULK SAND DATA: SACKS TITUCK CALLED  DATE  SIZE HOLE: 7 * # 4/1/2 DEPTH FT. JOB 1-1/1  SIZE & WT. CASTING 5000 DEPTH FT. JOB 1-1/1  SIZE & WT. CASTING 5000 DEPTH FT. JOB 1-1/1  SIZE & WT. D PIPE OR TUBING DEPTH FT. JOB 1-1/1  SIZE & WT. D PIPE OR TUBING DEPTH FT. JOB 1-1/1  TOP PLUGS TYPE: WEIGHT OF SLURRY 1/32 RELEASED  MAX DEPTH 1/3/3 FT. MAX PRESSURE PS.I.  The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for service products, and/or supplies includes all of and only these terms and conditions appearing on the ront and back of this document. No additional or substitute terms and/shall become a part of this contract without written consent or an officer of Advanced Drilling Technologies, LLC.  SIGNED:  WELL OWNER, OPERATOR, CONTRACTOR OR A  DEPTH # PLAND CHA CAR  DEPTH # PLAND CHA CAR  UNIT QUANTITY UNIT PRICE \$ A  DEPTH # PLAND CHA CAR  STATE KS  SERVICE CREW  Tom # Kirk  TOM # LIM	2600					
CUSTOMER RRT  ADDRESS  COUNTY Cheyenne STATE KS  COUNTY Cheyenne STATE KS  COUNTY Cheyenne STATE KS  SERVICE CREW TOM + Kirk  AUTHORIZED BY WAYNE MANON  EQUIPMENT TIII - 114 - 121  TYPE JOB: D+ A DEPTH FT. CHEWIT DATA: BULK SACKS STATE AND DATA: SACKS TITLOK CALLED DATA  SIZE HOLE: THE TIII - 114 - 121  SIZE HOLE: THE TIII - 114 - 121  SIZE HOLE: THE TIII - 114 - 121  SIZE AVEC SATES SERVICE OREW TOWN SACKS SAC	TOMER					
ADDRESS  COUNTY Cheyenne STATE KS  SERVICE ORBW TOM + Kirk  AUTHORIZED BY LAgyne Mahon  EDUIPMENT TIII - 1/4 - 1/21  NYPE JOB: P+4 DEPTH FT. CEMENT DATA: BULK SAND DATA: SACKS TRUCK CALLED DATA  SIZE HOLE: 7 4 4 1/2 DEPTH FT. 30 1-11  SIZE HOLE: 7 1 4 1/2 DEPTH FT. 30 1-11  SIZE AWT. CASTING THE STATE DEPTH FT. 30 1-11  SIZE AWT. OF PIPE OR TUBING DEPTH FT. 30 1-11  TOP PLUGS TYPE: WEIGHT OF SLURRY: 1/32 BELS. /GAL LBS. /GAL LBS. /GAL BELS. /GAL MAX DEPTH AST 3.5  MAX DEPTH AST 3.5  SACKS CEMENT TREATED WITH \$ 6.5  SACKS CEMENT TREATED WITH \$ 6.5  SACKS CEMENT TREATE ON THE PS. 1  MELEASED  MAX DEPTH AST 3.5  CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).  The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for service products, and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or supplies includes all of and only these terms and conditions appearing on	ER NO.:					
CITY SF Frances STATE KS  SERVICE CREW TOM + K.K.  AUTHORIZED BY LAGANC MALADOM  EQUIPMENT TIME + L.   LAGANC MALADOM  SIZE ANT DEPTH FT. CEMENT DATA: BULK SAND DATA: SACKS TRUCK CALLED DATI  SIZE HOLE: 74 4 11/2 DEPTH FT. 1/30 1-11 SIZE ANT DATA: SACKS BRAND TYPE SEEL ADMIXES  SIZE ANT. OF PIPE OR TUBING DEPTH FT. 1/30 1-11 SIZE ANT. DEPTH FT. 1/30 SIZE ANT. DEPTH TO THE SIZE AND. SIZE ANT. DEPTH TO	L NO.					
AUTHORIZED BY Wagne Mahon  EQUIPMENT 7 III - II4 - I21  TYPE JOB: D+ DEPTH FT. GEMENT DATA: BULK SAND DATA: SACKS TRUCK CALLED DATA  SIZE HOLE: 7 II 4 4 1/2 DEPTH FT. I30 SAND TYPE WEEL ADMIXES  SIZE A WT. CASTING 10 DEPTH FT. I30 SIZE A WT. DEPCH FT. I30 SIZE A WT. DEPC	gripping to the total					
ACHONIZED BY Wayne Mahon  FOUNTERIOR: Pt J DEPTH FT. COMENT DATA: BULK SAND DATA: SACKS THRUCK CALLED  SACKS BRAND TYPE  SACKS GRAND TYPE  SACKS BRAND TYPE  WEGHT OF SLURRY 14.8 LBS./GAL LBS./GAL  FINISH OPERATION  7:0  TOP PLUGS  TYPE:  WEGHT OF SLURRY 14.8 LBS./GAL LBS./GAL  FINISH OPERATION  10:36  RELEASED  MAX DEPTH 57.3 FT. MAX PRESSURE  SACKS GRANT TREATED WITH % OF  MAX DEPTH 57.3 FT. MAX PRESSURE  SACKS GRANT TREATED WITH % OF  SACKS GRANT TREATED WITH % OF  MILES FROM STATION TO WELL  CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).  The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for service products, and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/  shall become a part of this contract without written consent or an officer of Advanced Drilling Technologies, LLC.  SIGNED:  (WELL OWNER, OPERATOR, CONTRACTOR OR A  MATERIAL, EQUIPMENT AND SERVICES USED  UNIT QUANTITY UNIT PRICE \$ A  DC-pth + Pump Charge  Cement 1/60 1750 24  MILES FROM STATION TO WELL  AND SERVICES USED  UNIT QUANTITY UNIT PRICE \$ A  MATERIAL, EQUIPMENT AND SERVICES USED  WAS SOME DETTION  WAS SOME DETTION  WAS SOME DETTION  ARRIVED AT JOB  START OPERATION  7:0  START	Lan less hay you perform one of					
TYPE UDB:   Pt   DEPTH   FT.   CEMENT DATA: BULK   SAND DATA: SACKS   TRUCK CALLED   DATE	routed, easy					
SIZE NOLE: 7 4 4 1 2 DEPTH FT. 130 1-11 START OPERATION 9:00  SIZE A WT. CASTING TOPE OR TUBING DEPTH FT. 30 1-11 START OPERATION 9:00  TOP PLUGS TYPE: WEIGHT OF SLURRY: 48 LBS./GAL LBS./GAL LBS./GAL FINISH OPERATION 10:30  SACKS CEMENT TREATED WITH % OF MAX PRESSURE PS.I.  CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).  The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for service products, and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and shall become a part of this contract without written consent or an officer of Advanced Drilling Technologies, LLC.  SIGNED:  WELL OWNER, OPERATOR, CONTRACTOR OR A DEPTH + Pump Charge  Cement - MATERIAL, EQUIPMENT AND SERVICES USED UNIT QUANTITY UNIT PRICE \$ A DEPTH + Pump Charge  Cement - MATERIAL, EQUIPMENT AND SERVICES USED UNIT QUANTITY UNIT PRICE \$ A DEPTH + Pump Charge  Cement - MATERIAL, 130 SX 148 1, 32 ft in 41/2  Miles FROM STATION TO WELL 70  WELL OWNER, OPERATOR, CONTRACTOR OR A DEPTH - Pump Charge  Cement - MATERIAL, 100 DISTART OR A DEPTH - Pump Charge  Cement - MATERIAL, 100 DISTART OR A DEPTH - Pump Charge  Cement - MATERIAL, 100 DISTART OR A DEPTH - Pump Charge  Cement - MATERIAL, 100 DISTART OR A DEPTH - Pump Charge  Cement - MATERIAL, 100 DISTART OR A DEPTH - Pump Charge  Cement - MATERIAL, 100 DISTART OR A DEPTH - Pump Charge  Cement - MATERIAL, 100 DISTART OR A DEPTH - Pump Charge  Cement - MATERIAL, 100 DISTART OR A DEPTH - Pump Charge  Cement - MATERIAL, 100 DISTART OR A DEPTH - Pump Charge  Cement - MATERIAL - Pump Charge  Cemen	AM TIME					
SIZE & WT. CASTING 100% SO DEPTH FT. 30 1-11 START OPERATION 9:07  TOP PLUGS TYPE: WEIGHT OF SLURRY 14.8 LBS./GAL LBS./GAL LBS./GAL BS./GAL LBS./GAL LBS./GA	PM AM					
TOP PLUGS TYPE: WEIGHT OF SLURRY 1,32  VOLUME OF SLURRY 1,32  SACKS GEMENT TREATED WITH % OF  MAX DEPTH 1,5/3 FT. MAX PRESSURE P.S.L.  CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).  The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for service products, and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or shall become a part of this contract without written consent or an officer of Advanced Drilling Technologies, LLC.  SIGNED:  WELL OWNER, OPERATOR, CONTRACTOR OR A  TIEM / PRICE REF. NUMBER  MATERIAL, EQUIPMENT AND SERVICES USED  UNIT QUANTITY  UNIT PRICE \$ A  Depth + Pump Charge  Cement  Mileage  Water truck  Miles FROM STATION TO WELL  70  WILLOWNER, OPERATOR, CONTRACTOR OR A  1 2,500 © 2,50  Water truck  Mileage  Water truck  Mileage  Water truck  MILES FROM STATION TO WELL  70  WILLOWNER, OPERATOR, CONTRACTOR OR A  1 2,500 © 2,50  Water truck  Mileage  Water truck  Mileage  1 2,500 © 2,50  Water truck  Mileage  Water truck	PM					
MAX DEPTH 1573 FT. MAX PRESSURE P.S.I.  CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).  The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for service products, and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or shall become a part of this contract without written consent or an officer of Advanced Drilling Technologies, LLC.  SIGNED:  (WELL OWNER, OPERATOR, CONTRACTOR OR A DEPTH + Pump Charge  Certain + Pump Charge  Certain + MATERIAL, EQUIPMENT AND SERVICES USED  UNIT QUANTITY  UNIT PRICE  Anileage  Water  Water  Miles 130 5x 14,8 # 1,32 ft in 4//2  Casing © 200 pp.;	PM PM					
SACKS CEMENT TREATED WITH \$6 F  MAX PRESSURE P.S.I.  MILES FROM STATION TO WELL 70  CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).  The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for service products, and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/shall become a part of this contract without written consent or an officer of Advanced Drilling Technologies, LLC.  SIGNED:  (WELL OWNER, OPERATOR, CONTRACTOR OR A DEPTH + Pump Charge  Cement  MATERIAL, EQUIPMENT AND SERVICES USED  UNIT QUANTITY UNIT PRICE \$ A DEPTH + Pump Charge  Cement  Material  Ma	PM AM					
CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).  The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for service products, and/or supplies includes all of and only these terms and conditions appearing on the front and back of this document. No additional or substitute terms and/shall become a part of this contract without written consent or an officer of Advanced Drilling Technologies, LLC.  SIGNED:  WELL OWNER, OPERATOR, CONTRACTOR OR A Depth + Pump Charge  Cernent  MATERIAL, EQUIPMENT AND SERVICES USED  UNIT QUANTITY  UNIT PRICE  A Depth + Pump Charge  Cernent  Mileage  Water  1/2  3000  Water  1/10  Miread  1/30 Sx 14.8 # 1.32 ft in 4//z  Casing © 200 pp;	PM					
MATERIAL, EQUIPMENT AND SERVICES USED  Depth + Pump Charge  Cement  Mileage  Water  Water truck  Mixed 130 sx 14.8 # 1.32 ft in 4/2  Casing @ 200 psi	r conditions					
Depth + Pump Charge  Cement  Mileage  Mileage  Water truck  Mixed 1305x 14.8# 1.32/ft in 4//2  Casing @ 200psi	ENT)					
Cement  Mileage.  Mileage.  Mater truck.  Mixed 1305x 14.8# 1.32/ft in 4//z  Casing © 200psi	TOUNT					
Mileage. 70 550 1  Water truck 4 11000 1  Mixed 1305x 14.8# 1.32/ft in 4/2  Casing © 200psi	000 00					
Mixed 130 sx 14.8 # 1.32/ft in 4//2  Casing @ 200 psi	00 00					
Mixed 130 sx 14.8 # 1.32/ft in 4/2  Casing @ 200 psi	3850					
Mixed 130 sx 14.8# 1.32/ft in 4/2  Cusing @ 200psi	2500					
Mixed 130 sx 14.8 # 1.32 ft in 4/2  Casing @ 200 psi	40 00					
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Mixed 30 5x 14.8# 1,32/44 m 7"	100 00 00 0000 1 30 00 00 00 00					
8 100 101 10 100 100 100 10 100 100 100	reducing Dyn					
Casms @ 300 psi	Transfer					
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necessary to employ a prector on their LCC shall not be habte or desponsible for a Customer shall continued warred, or in econor and one of their shall be a continued or an expension of the continue	amound his					
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SERVICE & EQUIPMENT %TAX ON \$  MATERIALS %TAY ON \$	pter toute					
70 170 010 3						
TOTAL 6, 15	00					

FIELD SERVICE ORDER NO.

THE ABOVE MATERIAL AND SERVICE
ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)