

Daily Completion/Workover Report

Well Name	Clough NR 311-3					Date:	11/8/2018
BHL:						Day #:	12
Objective:	DEVELOPMENT	CBL TOC:	(ft)	Unique ID:	62500398	Packer Depth:	(ft)
Total Depth:	(ft)	Surface Casing Size:	9.625 (in)	Casing Depth:	1,127.2 (ft)		
PBTD:	(ft)	Prod Casing Size:	4.500 (in)	Prod Depth:	11,018.1 (ft)		
Primary BMP:				Consultant Day:	Justin Skalla 970-270-5275		
Casing Pressure:	(psi)			Tubing Pressure:	(psi)		
				Rig:			
				Zone:			

From	To	Code	OPERATIONS
0:00	8:00	WSI	WSIFN- 0 psi SICP
8:00	10:15	POOH	POOH w/ stands in derrick (244 Joints) Prep well for wireline
10:15	16:00	PLUG	RU Cutters Wireline MU 3.80 Gauge Ring- RIH to 8200' POOH w/ Wireline MU Owen Patch on Multi Stage Setting tool RIH w/ Patch to TI Collar at 8022' (Started pulling over coming up so decided to get on depth and set patch. Set 32' Patch Top of Patch at 8049' Bottom of Patch at 8081' Straddle bad collar at 8065' POOH w/ Setting equipment MU 3.25 Gauge Ring- RIH to make sure we could get through patch POOH w/ Wireline RD Cutters Wireline
16:00	16:20	PUMP	Pressure test Casing to 4500 psi- Good test
16:20	17:00	LOC	RIH w/ 60 Stands Secure well for night/ Drain up equipment
17:00	0:00	WSI	WSIFN

FLOW TEST		COSTS			
Rate (MCFD) :		Class	Sub	Description	Cost (\$)
Pressure :		8400	147	IDC Special Services	
Choke :		8400	147	IDC Special Services	
		8400	147	IDC Special Services	
		8400	147	IDC Special Services	
		8400	147	IDC Special Services	
		8400	147	IDC Special Services	
		8400	147	IDC Special Services	
		8420	550	Contingency	
		Daily Cost :			
		Previous Cost :			
		Cumulative Cost :			
		AFE #:			
		AFE \$:			

[illegible]

Cutters Wireline Service, Inc.
 11700 Katy Freeway Suite 330
 Houston, TX 77079
 (832) 598-8532
 AR@Cutterswireline.com

Invoice

Invoice Date: 11/8/2018
 Invoice #: 18-21389



Bill To
Terra Energy Partners 1001 17th Street Suite 1200 Denver, CO 80202

Well Name
CLOUGH NR 311-3

PO#	AFE #	Field Ticket #	Terms	Due Date
		21389	Net 30	12/8/2018

Quantity	Description	Rate	Amount
2	Service Charge per Day		
2	High Pressure, Washington Hard Adaptors, Small Per Day		
2	Pressure Control 0-999 psi		
8,200	Gauge Ring Depth Determination Depth Charge		
8,200	Gauge Ring Depth Determination Depth Charge		
1	Operation Charge Per Run		
8,350	Gamma Ray CCL Correlation Log Depth Charge		
2,000	Gamma Ray CCL Operations Charge		
8,035	Plug Depth Charge		
1	Operations Charge		
1	Slow set power charge		
	Subtotal		
	Sales Discount		

Total

Cutters
Hawline Service, Inc.
2304 Logos Drive
Grand Junction, CO 81505
Ph 970-267-0458

Engineer	JON BOWDEN
Operator	CHIP GOODRICH
Operator	RANDALL BRACK
Operator	

W119

Customer Terra Energy
Bill to Address _____ City _____ State _____ Zip _____
Well Name Clough NR 311-3 Field Rulison
State Colorado County Garfield AFE _____
Casing Size 4.5" Casing Weight 11.6# Well Head Connection W.H.A.

Book Price
Less Discount 25%

Customer Signature

TOTAL ESTIMATED CHARGE

Total Hrs 18

Total Man Hrs

WELL: NR 311-3
CODE: 8450-147 SPECIAL SERVICES
NAME: Justin Stellan - Justin Stellan