

# WARRIOR ENERGY SERVICES CORP.

d/b/a Black Warrior Wireline

DEPT. 2114  
P.O. BOX 122114  
DALLAS, TX. 76312-2114  
24 Hour Phone (972) 353-5118



Date  
June 22, 2016

Company Name <b>Kerr McGee Oil &amp; Gas Onshore</b>		Well Name and Number <b>FT ST VRAIN 19</b>	Field Ticket Number <b>4310-0650</b>
Address <b>4000 Burlington Ave</b>		District <b>Greeley E-Line</b>	Engineer
City/State/Zip Code <b>Evans, CO 80620</b>		Wireline Unit Number <b>4310</b>	Supervisor/Engineer <b>Nate Brehmer</b>
County/Parish <b>Boulder</b>	Field <b>Wattenberg</b>	Rig Name & Number or Crane Unit Number <b>Concord Rig #5</b>	Equipment Operator <b>Beau Heiner</b>
Field Engineer / Supervisor Signature		Equipment Operator	Equipment Operator <b>Josh Kerr</b>

RUN DATA				NS	SI	S	O	T	L	UNITS	CODE	DATE	DEPTHS AND DESCRIPTION	UNIT PRICE	AMOUNT	
Job Time:	10:30	Shop Time:	7:00							1.0	1000-100		Service Charge Cased Hole Unit			
Leave Shop:	9:30	Arrive Location:	10:15							1.0	1120-010		Packoff Operation Charge 0#-1000#			
Begin Rig Up:	11:10	Finish Rig Up:	11:30													
Time in Service:	12:05	Time Out:	12:40							8,810.0	1230-001		Bridge Plug Depth Charge			
From:	SURFACE	To:	8810							1.0	1240-001		Bridge Plug Operation Charge			
Service in:	CIBP(set@8810')									1.0	1230-023		Standard Set Power Charge			
										1.0	1250-005		Cast Iron Bridge Plug for 4 1/2" Pipe			
2 Time in Service:		Time Out:														
3 Time in Service:		Time Out:														
4 Time in Service:		Time Out:														
5 Time in Service:		Time Out:														
6 Time in Service:		Time Out:														
7 Time in Service:		Time Out:														
8 Time in Service:		Time Out:														
9 Time in Service:		Time Out:														
10 Time in Service:		Time Out:														
11 Time in Service:		Time Out:														
12 Time in Service:		Time Out:														
13 Time in Service:		Time Out:														
14 Time in Service:		Time Out:														
										<b>SUB TOTAL</b>						
										<b>LESS DISCOUNT</b>						
										<b>UNITS</b>	<b>CODE</b>	<b>DATE</b>	<b>NON DISCOUNTED ITEMS</b>			
Begin Rig Down:	12:40	Finish Rig Down:	12:55							1.0	1000-275		Environmental clean-up, per job			
Leave Location:	13:00	Arrive Shop:	13:45							1.0	1000-182		Mobilization Charge			
Operating Hrs:	1:10	Standby Hours:	0:00	2	0											
Total Field Hrs:	2:40	Travel Time Hrs:	1:30													
Total Trip Miles:	70	Lost Time Hrs:	0:00													
Line Size:		Line Length:														
Wellhead Vents:		Rig Vents:														
<b>WELL DATA</b>																
Casing Size:	4 1/2	Liner Size:														
Tubing Size:		Drill pipe Size:														
Drill Collar Size:		Minimum I.D.:											API:05-123-15645			
Fluid Level:		Deviation:											LAT:40.23850			
Max. Temp.:		Max. Pressure:											LONG: -105.90250			
Field Prints:		Final Prints:														
Comments:											<b>SUB TOTAL</b>					
										<b>TOTAL</b>						
										<b>P.O. Number</b>						

Kurt Weaver

USER ID: ZKRWS

WSS/WO/CC: 210 2901

G/E Acc: 301220

Consultant: Louis Morales

All Invoices Payable in Dallas, Dallas CO., TX.  
TERMS: NET 30 DAYS.

Concerning irretrievable loss of sealed sources, both WESC d/b/a Black Warrior Wireline and customer agree to abide by 25 TAC § 289.253 and NRC Part 39.77.

The Services (as defined in the Terms) related to this Field Invoice Ticket shall be governed exclusively by the Warrior Energy Services Corporation Customer Agreement General Terms and Conditions (the "Terms"), which are expressly incorporated herein by reference. The Terms are available upon request and at Warrior's website (<http://www.superiorenergy.com/subsidiary/warrior/>). Acceptance of the Terms shall be by the earlier of the date of signing above or by acknowledgment as described in Section 1 of the Terms, including without limitation by beginning performance.

*Louis Morales*  
Customer Signature

Louis Morales  
Customer Printed Name

JP



# WARRIOR ENERGY SERVICES CORP. JOB DATA SHEET

Company Kerr McGee Oil & Gas Onshore Well Name and No. FT ST VRAIN 19 Engineer 0  
 County Boulder Date 6/22/2015 Ticket No. 4310-0650 Unit No. 4310  
 District Greeley E-Line Line Size 0 Line Length 0  
 Job Time: 10:30 AM Shop Time: 7:00 AM Leave Shop: 9:30 AM Arrive Location: 10:15 AM  
 Field Hrs. 1:10:00 Standby Hours: 0:00:00 Total Hours 2:40:00 Travel Time Hrs. 1:30:00  
 Trip Miles 70 Leave Location: 1:00 PM Arrive Shop: 1:45 PM

**Notice: Engineer to monitor for stray voltage prior to rig up:** Wellhead volts: 0 Rig volts : 0

Were there any equipment or down hole failures? Yes        No        If yes explain on Quality Control Analysis Form

Were there any hot shots required? Yes        No        If yes explain on Quality Control Analysis Form

Were there any personnel problems? Yes        No        If yes explain on Quality Control Analysis Form

Were there any accidents? Yes        No        If yes explain on Quality Control Analysis Form

Were there any near misses? Yes        No        If yes explain on Quality Control Analysis Form

\*\*\*\*\* Well Information \*\*\*\*\*

Casing Size 4.5 Liner Size 0 Tubing Size 0 Drill Pipe Size         
 Drill Collar        Minimum I.D.        Fluid Level        0 Deviation         
 Max. Temp.        Max. Pressure       

\*\*\*\*\* Run Data \*\*\*\*\*

**RUN INFORMATION**

\*\*\*\*\*REMARKS SECTION\*\*\*\*\*DESCRIBE RUN DETAILS IN FULL\*\*\*\*\*

1 Time in 12:05 PM Out 12:40 PM  
 From SURFACE To 6810  
 Service CIBP(set@6810')

RIH with CIBP, set@6810', POOH

2 Time in 12:00 AM Out 12:00 AM  
 From 0 To 0  
 Service 0

3 Time in 12:00 AM Out 12:00 AM  
 From 0 To 0  
 Service 0

4 Time in 12:00 AM Out 12:00 AM  
 From 0 To 0  
 Service 0

5 Time in 12:00 AM Out 12:00 AM  
 From 0 To 0  
 Service 0

6 Time in        Out         
 From        To         
 Service       

7 Time in        Out         
 From        To         
 Service       

8 Time in        Out         
 From        To         
 Service





# WARRIOR ENERGY SERVICES CORP. JOB DATA SHEET

Company ANADARKO Well Name and No. FT. ST. VRAIN 19 Engineer Mike Jandreau  
 County Weld Date 6/23/2015 Ticket No. 4495-0295 Unit No. 4495  
 District Greeley Co. / 0928-200 Line Size 0 Line Length 0  
 Job Time: 10:00 AM Shop Time: 7:00 AM Leave Shop: 9:00 AM Arrive Location: 9:40 AM  
 Field Hrs. 1:30:00 Standby Hours: 0:00:00 Total Hours 2:40:00 Travel Time Hrs. 1:10:00  
 Trip Miles 45 Leave Location: 11:15 AM Arrive Shop: 11:45 AM

**Notice: Engineer to monitor for stray voltage prior to rig up: Wellhead volts: 0 Rig volts : 0**  
 Were there any equipment or down hole failures? Yes        No X If yes explain on Quality Control Analysis Form  
 Were there any hot shots required? Yes        No X If yes explain on Quality Control Analysis Form  
 Were there any personnel problems? Yes        No X If yes explain on Quality Control Analysis Form  
 Were there any accidents? Yes        No X If yes explain on Quality Control Analysis Form  
 Were there any near misses? Yes        No X If yes explain on Quality Control Analysis Form

### Well Information

Casing Size 4.5 Liner Size        Tubing Size        Drill Pipe Size         
 Drill Collar        Minimum I.D.        Fluid Level        0 Deviation         
 Max. Temp.        Max. Pressure       

### Run Data

#### RUN INFORMATION

#### \*\*\*\*\*REMARKS SECTION\*\*\*\*\*DESCRIBE RUN DETAILS IN FULL\*\*\*\*\*

1 Time in	<u>10:10 AM</u>	Out	<u>10:50 AM</u>	Run in hole and shoot 3 & 6 Shot Squeeze guns at 4260' & 3700'
From	<u>Surface</u>	To	<u>4260'/3700'</u>	.58 Entry Hole and 5" of penetration.
Service	<u>Shoot Select Fire Squeeze</u>			
2 Time in	<u>12:00 AM</u>	Out	<u>12:00 AM</u>	
From	<u>0</u>	To	<u>0</u>	
Service	<u>0</u>			
3 Time in	<u>      </u>	Out	<u>      </u>	
From	<u>      </u>	To	<u>      </u>	
Service	<u>      </u>			
4 Time in	<u>      </u>	Out	<u>      </u>	
From	<u>      </u>	To	<u>      </u>	
Service	<u>      </u>			
5 Time in	<u>      </u>	Out	<u>      </u>	
From	<u>      </u>	To	<u>      </u>	
Service	<u>      </u>			
6 Time in	<u>      </u>	Out	<u>      </u>	
From	<u>      </u>	To	<u>      </u>	
Service	<u>      </u>			
7 Time in	<u>      </u>	Out	<u>      </u>	
From	<u>      </u>	To	<u>      </u>	
Service	<u>      </u>			
8 Time in	<u>      </u>	Out	<u>      </u>	
From	<u>      </u>	To	<u>      </u>	
Service	<u>      </u>			





# WARRIOR ENERGY SERVICES CORP. JOB DATA SHEET

Company ANADARKO Well Name and No. FT. ST. VRAIN 19 Engineer Mike Jandreau  
 County Weld Date 6/23/2015 Ticket No. 4495-0296 Unit No. 4495  
 District Greeley Co. / 0928-200 Line Size \_\_\_\_\_ 0 Line Length \_\_\_\_\_ 0  
 Job Time: 2:30 PM Shop Time: 7:00 AM Leave Shop: 1:30 PM Arrive Location: 2:05 PM  
 Field Hrs. 1:30:00 Standby Hours: 0:00:00 Total Hours 2:35:00 Travel Time Hrs. 1:05:00  
 Trip Miles 45 Leave Location: 3:15 PM Arrive Shop: 3:45 PM

**Notice: Engineer to monitor for stray voltage prior to rig up:** Wellhead volts: 0 Rig volts : 0  
 Were there any equipment or down hole failures? Yes \_\_\_\_\_ No X If yes explain on Quality Control Analysis Form  
 Were there any hot shots required? Yes \_\_\_\_\_ No X If yes explain on Quality Control Analysis Form  
 Were there any personnel problems? Yes \_\_\_\_\_ No X If yes explain on Quality Control Analysis Form  
 Were there any accidents? Yes \_\_\_\_\_ No X If yes explain on Quality Control Analysis Form  
 Were there any near misses? Yes \_\_\_\_\_ No X If yes explain on Quality Control Analysis Form

### Well Information

Casing Size 4.5 Liner Size \_\_\_\_\_ Tubing Size \_\_\_\_\_ Drill Pipe Size \_\_\_\_\_  
 Drill Collar \_\_\_\_\_ Minimum I.D. \_\_\_\_\_ Fluid Level \_\_\_\_\_ 0 Deviation \_\_\_\_\_  
 Max. Temp. \_\_\_\_\_ Max. Pressure \_\_\_\_\_

### Run Data

#### RUN INFORMATION

\*\*\*\*\*REMARKS SECTION\*\*\*\*\*DESCRIBE RUN DETAILS IN FULL\*\*\*\*\*

1 Time in 2:35 PM Out 2:50 PM  
 From Surface To 760'  
 Service Jet Cut 4 1/2 Casing

RIH with Jet Cutter for 4 1/2 Casing cut at 760' POOH.

2 Time in \_\_\_\_\_ Out \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Service \_\_\_\_\_

3 Time in \_\_\_\_\_ Out \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Service \_\_\_\_\_

4 Time in \_\_\_\_\_ Out \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Service \_\_\_\_\_

5 Time in \_\_\_\_\_ Out \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Service \_\_\_\_\_

6 Time in \_\_\_\_\_ Out \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Service \_\_\_\_\_

7 Time in \_\_\_\_\_ Out \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Service \_\_\_\_\_

8 Time in \_\_\_\_\_ Out \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Service \_\_\_\_\_

# WARRIOR ENERGY SERVICES CORP.

d/b/a Black Warrior Wireline

DEPT. 2114  
P.O. BOX 122114  
DALLAS, TX. 75312-2114  
24 Hour Phone (972) 353-5115



Date: June 26, 2015

Company Name <b>Kerr McGee Oil &amp; Gas</b>		Well Name and Number <b>FT ST VRAIN 10</b>	Field Ticket Number <b>7770-9786</b>
Address <b>4000 Burlington Ave</b>		District <b>Greeley</b>	Engineer <b>Adam Steerman</b>
City/State/Zip Code <b>Evans, Co. 80620</b>		Wireline Unit Number <b>7770</b>	Supervisor/Engineer
County/Parish <b>Weld</b>	Field <b>Wattenberg</b>	Rig Name & Number or Crane Unit Number <b>Concord Rig 5</b>	Equipment Operator <b>Josh Kerr</b>
Field Engineer / Supervisor Signature		Equipment Operator	<b>Ryan Alles</b>

RUN	RUN DATA		NS	SI	S	O	T	L	UNITS	CODE	DATE	DEPTHS AND DESCRIPTION	UNIT PRICE	AMOUNT
	Job Time	Shop Time												
	15:00	7:00							1.0	1000-100		Service Charge Cased Hole Unit		
	14:00	14:35												
	14:35	14:45							6,000.0	1230-001		Bridge Plug Depth Charge		
1	15:10	16:20							1.0	1240-001		Bridge Plug Operation Charge		
	From 80'	To Surface							1.0	1250-012		Cast Iron Bridge Plug for 8 5/8" Pipe		
	Service in CIBP (set @ 80')								1.0	1230-023		Standard Set Power Charge		
2	Time in	Time Out												
	From	To												
	Service													
3	Time in	Time Out												
	From	To												
	Service													
4	Time in	Time Out												
	From	To												
	Service													
5	Time in	Time Out												
	From	To												
	Service													
6	Time in	Time Out												
	From	To												
	Service													
7	Time in	Time Out												
	From	To												
	Service													
8	Time in	Time Out												
	From	To												
	Service													
9	Time in	Time Out												
	From	To												
	Service													
10	Time in	Time Out												
	From	To												
	Service													
11	Time in	Time Out												
	From	To												
	Service													
12	Time in	Time Out												
	From	To												
	Service													
13	Time in	Time Out												
	From	To												
	Service													
14	Time in	Time Out												
	From	To												
	Service													
<b>SUB TOTAL</b>														
<b>LESS DISCOUNT</b>														
Begin Rig Down:	15:20	Finish Rig Down:	15:30											
Leave Location:	15:30	Arrive Shop:	16:15						1.0	1000-275		Environmental clean-up, per job		
Operating Hrs:	0:30	Standby Hours:	0:00	3	0				1.0	1000-186		Mobilization		
Total Field Hrs:	1:50	Travel Time Hrs:	1:20											
Total Trip Miles:	50	Lost Time Hrs:	0:00											
Line Size:		Line Length:												
Wellhead Volts:		Rig Volts:												
<b>WELL DATA</b>														
Casing Size:	8 5/8	Liner Size:												
Tubing Size:		Drill pipe Size:												
Drill Collar Size:		Minimum I.D.:										API# 05-123-15645		
Fluid Level:		Deviation:										LAT: 40.23860		
Max. Temp:		Max. Pressure:										LONG:-104.90280		
Field Prints:		Final Prints:												
Comments:														
<b>SUB TOTAL</b>														
<b>TOTAL</b>														
P.O. Number												AFE Number		
												<b>(2107904)</b>		

Kurt Weaver  
USER ID: ZKRW5  
WBS/WO/CC: 2107904  
S/I. Acct: 80012230  
Consultant: Luis Morales

All invoices Payable in Dallas, Dallas CO., TX.  
TERMS: NET 30 DAYS.

Concerning irretrievable loss of sealed sources, both WESC d/b/a Black Warrior Wireline and customer agree to abide by 25 TAC § 289.253 and NRC Part 39.77.

The Services (as defined in the Terms) related to this Field Invoice Ticket shall be governed exclusively by the Warrior Energy Services Corporation Customer Agreement General Terms and Conditions (the "Terms"), which are expressly incorporated herein by reference. The Terms are available upon request and at Warrior's website (<http://www.superiorenergy.com/subsidiary/warrior/>). Acceptance of the Terms shall be by the earlier of the date of signing above or by acknowledgment as described in Section 1 of the Terms, including without limitation by beginning performance.

*Luis Morales*  
Customer Signature

LUIS MORALES  
Customer Printed Name

pb



# WARRIOR ENERGY SERVICES CORP. JOB DATA SHEET

Company Kerr McGee Oil & Gas Well Name and No. FT ST VRAIN 19 Engineer Adam Steerman  
 County Weld Date 6/26/2015 Ticket No. 7770-0785 Unit No. 7770  
 District Greeley Line Size \_\_\_\_\_ 0 Line Length \_\_\_\_\_ 0  
 Job Time: 3:00 PM Shop Time: 7:00 AM Leave Shop: 2:00 PM Arrive Location: 2:35 PM  
 Field Hrs. 0:30:00 Standby Hours: 0:00:00 Total Hours 1:50:00 Travel Time Hrs. 1:20:00  
 Trip Miles 50 Leave Location: 3:30 PM Arrive Shop: 4:15 PM

**Notice: Engineer to monitor for stray voltage prior to rig up: Wellhead volts: 0 Rig volts : 0**

Were there any equipment or down hole failures? Yes \_\_\_\_\_ No \_\_\_\_\_ If yes explain on Quality Control Analysis Form

Were there any hot shots required? Yes \_\_\_\_\_ No \_\_\_\_\_ If yes explain on Quality Control Analysis Form

Were there any personnel problems? Yes \_\_\_\_\_ No \_\_\_\_\_ If yes explain on Quality Control Analysis Form

Were there any accidents? Yes \_\_\_\_\_ No \_\_\_\_\_ If yes explain on Quality Control Analysis Form

Were there any near misses? Yes \_\_\_\_\_ No \_\_\_\_\_ If yes explain on Quality Control Analysis Form

\*\*\*\*\* Well Information \*\*\*\*\*

Casing Size 8.625 Liner Size \_\_\_\_\_ Tubing Size \_\_\_\_\_ Drill Pipe Size \_\_\_\_\_

Drill Collar \_\_\_\_\_ Minimum I.D. \_\_\_\_\_ Fluid Level \_\_\_\_\_ 0 Deviation \_\_\_\_\_

Max. Temp. \_\_\_\_\_ Max. Pressure \_\_\_\_\_

\*\*\*\*\* Run Data \*\*\*\*\*

**RUN INFORMATION**

\*\*\*\*\*REMARKS SECTION\*\*\*\*\*DESCRIBE RUN DETAILS IN FULL\*\*\*\*\*

1 Time in 3:10 PM Out 3:20 PM  
 From 80' To Surface  
 Service CIBP (set @ 80')

RIH with CIBP, Set @ 80', POOH

2 Time in 12:00 AM Out 12:00 AM  
 From 0 To 0  
 Service 0

3 Time in \_\_\_\_\_ Out \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Service \_\_\_\_\_

4 Time in \_\_\_\_\_ Out \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Service \_\_\_\_\_

5 Time in \_\_\_\_\_ Out \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Service \_\_\_\_\_

6 Time in \_\_\_\_\_ Out \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Service \_\_\_\_\_

7 Time in \_\_\_\_\_ Out \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Service \_\_\_\_\_

8 Time in \_\_\_\_\_ Out \_\_\_\_\_  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Service \_\_\_\_\_