

10-3-11
07-19-3393

JW WIRELINE COMPANY
14279 Highway 14
Sterling CO 80751-8713
Phone: (970) 522-0292

Truck No. 581
Engineer Hecht
Operator Erb
Operator Snyder

Crane No.
Gun Loader (if necessary)
Operator
Operator
Well to Customer (Time)

Time Arrive at Location
Time Depart Location
Miles from Nearest Field Office

Total Operating Time
Total Standby Time
Total Lost Time

Company Western Operating Customer No. _____
Bill to (if other than above) _____ Purchase Order No. _____
Address _____ AFE / Contract No. _____
City, State Zip Code _____

Lease/Well Name Schmidke 15-21 Field Name Surveyor Creek 5 1/2 Casing Size / Weight _____
County/Parish Washington State CO Rig Name or Crisp Yetter Tubing Size/Weight _____
Section / Township / Range / Section / Longitude _____ Per Interval (See Below) Well Deviation Well Level Well Type Well Safety Corrosive PPM _____
Log Measured From _____ Feet Above Permanent Data _____

Line Item #	DESCRIPTION	Quantity / Depth / Interval	Unit Price	Operation Charge	Line Total
1					
2					
3					
4	<u>Perforate Well-3 3/8-4 spf 4553-4557</u>				<u>1700.00</u>
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Surface Pressure 0 # Wireline Runs 1 Field Total: \$1700.00
Pressure Equip. Type: _____

Run No.	Interval Perforated / Plug Set	Type	SPF	# of Holes Shot	Run No.	Interval Perforated / Plug Set	Type	SPF	# of Holes Shot
1	<u>4553-4557</u>		<u>4</u>	<u>16</u>	9				
2					10				
3					11				
4					12				
5					13				
6					14				
7					15				
8					16				

The undersigned ("Company") agrees to pay J-W Wireline Company ("Contractor") for the operations to be conducted, or personnel or equipment listed below ("Services") at P.O. Box 226408, Dallas Texas 75222-6408 provided by Contractor at the sole request of the Company. The undersigned certifies that the Services have been performed to the Company's satisfaction that all times perforated were designated by the Company and that all depth measurements have been checked and approved. The Services shall only be offered, rendered or provided according to the following general terms and conditions ("Terms"). Please refer to the General Terms and Conditions on the other side of this Purchase Order. THIS CONTRACT CONTAINS PROVISIONS RELATIVE TO INDEMNITY, RELEASE OF LIABILITY, LIMITATIONS OF WARRANTY AND ALLOCATION OF RISK - SEE PARAGRAPHS 3, 4, 5, 6, and 10 ON THE REVERSE SIDE.

Print Name Jack Crumley Signature Jack Crumley Date _____
Wellsite Address/Phone _____ Wellsite - Office Copy _____ Print - Customer Copy _____ Gold - Customer Field Copy _____

Job Number **10-4-11**
 Page **07-19-** of **3750**
 Time Arrive on Location
 Time Depart Location
 Miles from Nearest Field Office



Truck No. **2833** Crane No.
 Engineer **Gardner** Gun Loader (if necessary)
 Operator **Y. A. D. S. H.** Operator
 Operator **Richards** Operator
 Well to JW Wireline (Time) Well to Customer (Time)
 Total Operating Time Total Standby Time Total Lost Time

Company **Western Operating** Customer No.
 Bill to (if other than above) Purchase Order No.
 Address APF / Contract No.
 City, State Zip Code

Lease/Well Name Schmidke 15 21	Field Name	Casing Size / Weight	From (Depth) ft.	To (Depth) ft.	TD Casing		
County/Parish Washington	State CO	Rig Name or Crane	Tubing Size/Weight	From (Depth) ft.	To (Depth) ft.	TD Tubing	
Section / Township / Range or Lease / Longitude X	Y	Part Interval (See Below)	Well Deviation	Puls Level	Puls Type	Puls Safety	Connate PPM
Log Measured From	Feet Above Permanent Data	SH Pressure	Temperature	Puls Density	Log Interval		

Line Item #	DESCRIPTION	Quantity / Depth / Interval	Unit Price	Operation Charge	Line Total
1					
2					
3	Set 5 1/2 CRBP	4551			1,300
4					
5					
6	Shoot 4' 4spD	4542-4546			1,120
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Surface Pressure # Wireline Runs **2** Field Total: **2,500**
 Pressure Equip. Type:

Run No.	Interval Perforated / Plug Set	Type	SPF	# of Holes Shot	Run No.	Interval Perforated / Plug Set	Type	SPF	# of Holes Shot
1	4542-46				9				
2					10				
3					11				
4					12				
5					13				
6					14				
7					15				
8					16				

The undersigned ("Company") agrees to pay JW Wireline Company ("Contractor") for the operations to be conducted, or performed or equipment listed below ("Services") at P.O. Box 226406, Dallas Texas 75222-4106 provided by Contractor at the sole request of the Company. The undersigned certifies that the Services have been performed to the Contractor's satisfaction that all areas performed were approved by the Company and that all depth measurements have been checked and approved. The Services shall only be offered, rendered or provided according to the following general terms and conditions ("Terms"). Please refer to the General Terms and Conditions on the other side of this Purchase Order. THIS CONTRACT CONTAINS PROVISIONS RELATING TO INDEMNITY, RELEASE OF LIABILITY, LIMITATIONS OF WARRANTY AND ALLOCATION OF RISK - SEE PARAGRAPHS 3, 4, 5, 6, and 10 ON THE REVERSE SIDE.

Print Name _____ Signature **[Signature]** Date _____
 Wellsite Representative _____ Yellow - Invoice Copy _____ Office Copy _____ Customer Copy _____ Gold - Customer Field Copy _____ Reverse - Jobcard



Jack L. Crumley

P.O. Box 494
Akron, CO 80720-0494
Phone (970) 345-6550
Fax (970) 345-2643

October 28, 2011

Western Operating Company
518 17 Street, Suite 200
Denver, CO 80202-4100

Lease and Well No. Schmidke-15-21 · Washington County, Colorado

Supervision of Personal & Equipment:

9/27/11 Yetter Well Service, Inc. moved 400 bbl swab tank & spotted in on location.

9/28/11 Yetter Well Service, Inc. loaded 162 jts 2-3/8" tbg off Schram rack in Yetter yard & moved to location.

9/29/11 Yetter Anchor Service, LLC set temporary anchors.

9/30/11 Yetter Well Service, Inc. roaded to location, rig up, & rig up working floor. Remove casing collar & add tbg head. Rig up BOP. Tally tbg & run with SN till tag. (151 jts 2-3/8") Lay down 1st jt. Rig up & swab into 400 bbl tank. Swab down to 2300'. Cap well off. SDFN

10/3/11 Yetter crew on location. Rig up H-S Testing, Inc. & tested tbg out @ 6000 psi. Split 1 jt. Rig down testers & release. Waited approx 2-1/2 hrs. Rig up J-W Wireline Company & perforated 4553' - 4557'. Rig down J-W & release. Rig up & ran tbg. Rig down work floor & BOP. Rig up & start swabbing down tbg. (Approx 28 bbls) Shut in. SDFN. Yetter hooked up trailer & returned to yard.

10/4/11 Yetter crew on location warming up rig. CP - 5#, Tbg on vac. Swab into tank 2 hrs, getting approx 10 bbls water. Lay down swab. Rig up to pull tbg. Rig up working floor. Lay down 5 jts & pull rest of tbg to derrick. Rig up BOP. Rig up J-W Wireline. Set CIBP @ 4551'. Perforated 4542' to 4546'. Rig down J-W & release. Rig up & run tbg in with SN. Rig down floor & BOP. Land tbg. Rig up swab, made 2 runs, getting muddy water. Cap well off. SDFN

10/5/11 Yetter crew on location warming up rig. TP - 0, CP - 0. Rig up & swab into tank 2 hrs, getting dirty, muddy water, & no gas. No change in well. Rig down swab. Have orders to plug well. Called Yetter for cement equipment. Yetter went to bulk plant, loaded 130 sacks Type 1-11 Portland cement, 16 sacks gel & moved to location. Set up to pump cement. Circle B Oil Field Services, Inc delivered 20 bbls water. Rig up to cement bottom plug. Mix & pump 20 sk plug. Pull 60 stands tbg to derrick, lay rest down on float. Clean up equipment. Remove wellhead. SDFN

10/6/11 Yetter crew on location warming up rig. Rig up for casing. Unlanded casing & worked. Superior Well Service, Inc. on location. Rig up & shot casing off @ 3320'. Rig down Superior & release. Start laying casing down on ground. SDFN - Wind.

10/7/11 Yetter spot in 90 bbl tank & set up cement equipment. Yetter crew on location warming up rig. Finished laying down casing. (Total - 108 jts 5-1/2") Rig down casing truck & tongs. Circle B on location with load of fresh water. Rig up & run 53 stands tbg. Mix & pump 40 sk cement plug @ 3320'. Clean equipment. Start pulling tbg & laying on float. Spot tbg @ 558'. Mix & pump 60 sk cement plug 1/2 in & 1/2 out of surface casing. Clean equipment. Circle B filled flat tank with water. Release Circle B. Yetter hauled 162 jts 2-3/8" tbg to Tim Crumley yard & unloaded. SDFN

10/8/11 Yetter crew on location warming up rig. Rig up & ran sand line to check plug at 480'. Mix & pump 10 sk top cement plug. Clean equipment. Rig down & release rig. Yetter picked up cement equip.

10/10/11 Circle B emptied 90 bbl & 400 bbl tanks. Yetter picked up 90 bbl tank & moved to George Nelson lease. Picked up 400 bbl tank & moved to Tim Crumley yard.

10/13/11 Teter & Son Oilfield Service, Inc. dug up anchors & casing head.

10/14/11 Teter capped off casing & back filled hole.

10/19/11 Baney Well Service hauled 107 jts 5-1/2" casing to Castronics in Kimble, NE.

