

HALLIBURTON

K P KAUFFMAN CO, INC. EBIZ

**Murphy 31-3
WARRENBURG
Adams County , Colorado**

Squeeze Hole in Casing

14-Jun-2012

Job Site Documents

HALLIBURTON

Field Ticket

Field Ticket Number: 9592262		Field Ticket Date: Thursday, June 14, 2012	
Bill To: K P KAUFFMAN CO, INC. EBIZ 1675 BROADWAY STE 2800-DO NOT MAIL DENVER, CO 80202		Job Name: Murphy 31-3 Order Type: Streamline Order (ZOH) Well Name: Murphy 31-3 Company Code: 1100 Customer PO No.: NA Shipping Point: Brighton, CO, USA Sales Office: Rocky Mountains BD Well Type: Gas Well Category: Development	
Ship To: KP KAUFFMA MURPHY 31-3,ADAMS MURPHY 31-3 2518948 * BENNETT, CO 80102			

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
14118	CMT SQUEEZE HOLE IN CASING BOM	1	JOB	0.00	0.00	0.00		0.00
3965	HANDLE&DUMP SVC CHRGR, CMT&ADDITIVES,ZI	51	CF	0.00	5.49	279.99	40%	167.99
	NUMBER OF EACH	1						
2	MILEAGE FOR CEMENTING CREW,ZI	102	MI	0.00	5.76	587.52	40%	352.51
	Number of Units	1						
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	102	MI	0.00	9.79	998.58	40%	599.15
	Number of Units	1						
76400	ZI MILEAGE,CMT MTLS DEL/RET MIN	102	MI	0.00	3.35	809.83	40%	485.90
	NUMBER OF TONS	2.37						
460335	CMT, Rockies Standard Pump Charge	1	EA			13,912.46	36.61%	8,818.46
	Number of Units	1						
100003685	CLASS G / PREMIUM	51	SK	0.00	38.76	1,976.76	40%	1,186.06
101509387	CALCIUM CHLORIDE, PELLET	1	SK	0.00	157.00	157.00	40%	94.20
				Totals	USD	18,722.14	7,017.87	11,704.27

Halliburton Rep:

MATTHEW ROSALES

Customer Agent:

Halliburton Approval

Field Ticket Number: 9592262

Field Ticket Date: Thursday, June 14, 2012

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HALLIBURTON

Field Ticket

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Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
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THIS OUTPUT DOES NOT INCLUDE TAXES. APPLICABLE SALES TAX WILL BE BILLED ON THE FINAL INVOICE.

CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ABOVE AND ON THE ATTACHED DOCUMENTS.

X

FIELD TICKET TOTAL: USD

11,704.27

Customer Signature

Was our HSE performance satisfactory? Y or N
(Health, Safety, Environment)

Were you satisfied with our Equipment? Y or N

Were you satisfied with our people? Y or N

Comments

Field Ticket Number: 9592262

Field Ticket Date: Thursday, June 14, 2012

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The Road to Excellence Starts with Safety

Sold To #: 303209	Ship To #: 2518948	Quote #:	Sales Order #: 9592262
Customer: K P KAUFFMAN CO, INC. EBIZ	Customer Rep:		
Well Name: Murphy	Well #: 31-3	API/UWI #:	
Field: WARRENBERG	City (SAP): BENNETT	County/Parish: Adams	State: Colorado
Contractor: KPK	Rig/Platform Name/Num: KPK RIG #1		
Job Purpose: Squeeze Hole in Casing			
Well Type: Development Well	Job Type: Squeeze Hole in Casing		
Sales Person: AARON, WESLEY	Srv Supervisor: ROSALES, MATTHEW	MBU ID Emp #: 392095	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CHAVEZ, JEROME Christophe	5.5	458298	LANGE, TIMOTHY Paul	5.5	520811	ROSALES, MATTHEW John	5.5	392095
TAGART, JAMES	5.5	501895						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248053C	51 mile	11605598	51 mile	11812069C	51 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
06/14/12	5.5	3						

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name				Date	Time	Time Zone	
Formation Depth (MD)	Top	Bottom		Called Out	14 - Jun - 2012	07:00	MST
Form Type		BHST		On Location	14 - Jun - 2012	11:00	MST
Job depth MD	2285. ft	Job Depth TVD	2285. ft	Job Started	14 - Jun - 2012	13:04	MST
Water Depth		Wk Ht Above Floor		Job Completed	14 - Jun - 2012	16:04	MST
Perforation Depth (MD)	From	To		Departed Loc	14 - Jun - 2012	16:30	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Production	Used		4.5	4.	11.6		P-110	.	7790.	.	7790.
Surface Casing	Used		9.625	8.921	36.		K-55	.	214.	.	214.
tubing	Used		2.375	1.995	4.6		P-110	.	2285.	.	2285.

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size		Qty

Fluid Data

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	

Stage/Plug #: 1										
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HALLIBURTON

Cementing Job Summary

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Prem G 15.8#	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	50.0	sacks	15.8	1.16	5.0		5.0	
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)								
	1 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)								
	5 Gal	FRESH WATER								
Calculated Values		Pressures		Volumes						
Displacement	6	Shut In: Instant		Lost Returns	NO	Cement Slurry	10BBL	Pad		
Top Of Cement		5 Min		Cement Returns	NO	Actual Displacement	6	Treatment		
Frac Gradient		15 Min		Spacers	NO	Load and Breakdown		Total Job		
Rates										
Circulating		Mixing	2	Displacement	2	Avg. Job		2		
Cement Left In Pipe	Amount	0 ft	Reason	Shoe Joint						
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID			
The Information Stated Herein Is Correct				Customer Representative Signature						

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 303209		Ship To #: 2518948		Quote #:		Sales Order #: 9592262	
Customer: K P KAUFFMAN CO, INC. EBIZ				Customer Rep:			
Well Name: Murphy			Well #: 31-3		API/UWI #:		
Field: WARRENERG		City (SAP): BENNETT		County/Parish: Adams		State: Colorado	
Legal Description:							
Lat:				Long:			
Contractor: KPK			Rig/Platform Name/Num: KPK RIG #1				
Job Purpose: Squeeze Hole in Casing					Ticket Amount:		
Well Type: Development Well			Job Type: Squeeze Hole in Casing				
Sales Person: AARON, WESLEY			Srv Supervisor: ROSALES, MATTHEW		MBU ID Emp #: 392095		

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Start Job	06/14/2012 16:19							
Circulate Well	06/14/2012 16:19		2	5			50.0	
Pump Cement	06/14/2012 16:19		2	10			50.0	50sks, 1.15cuft/sk, 5gal/sk, 15.8#/gal 1%cc
Pump Displacement	06/14/2012 16:19		2	6			.0	WATER TO BALANCE
Shutdown	06/14/2012 16:19							WASH PUMPS AND LINES
Other	06/14/2012 16:19		2	6			1200.0	BEGIN SQUEEZE SHUTDOWN @ 6BBL AWAY
Other	06/14/2012 16:19		0.5	0.25			700.0	SQUEEZE WELL
Other	06/14/2012 16:19		0.5	0.25			700.0	SQUEEZE WELL
Other	06/14/2012 16:19		0.5	0.25			1000.0	SQUEEZE WELL
Other	06/14/2012 16:19		0.5	0.25			1500.0	SQUEEZE WELL
Other	06/14/2012 16:19		0.5	0.25			1700.0	WELL SQUEEZED 7BBL INTO PERFS
End Job	06/14/2012 16:20							

Sold To #: 303209

Ship To #: 2518948

Quote #:

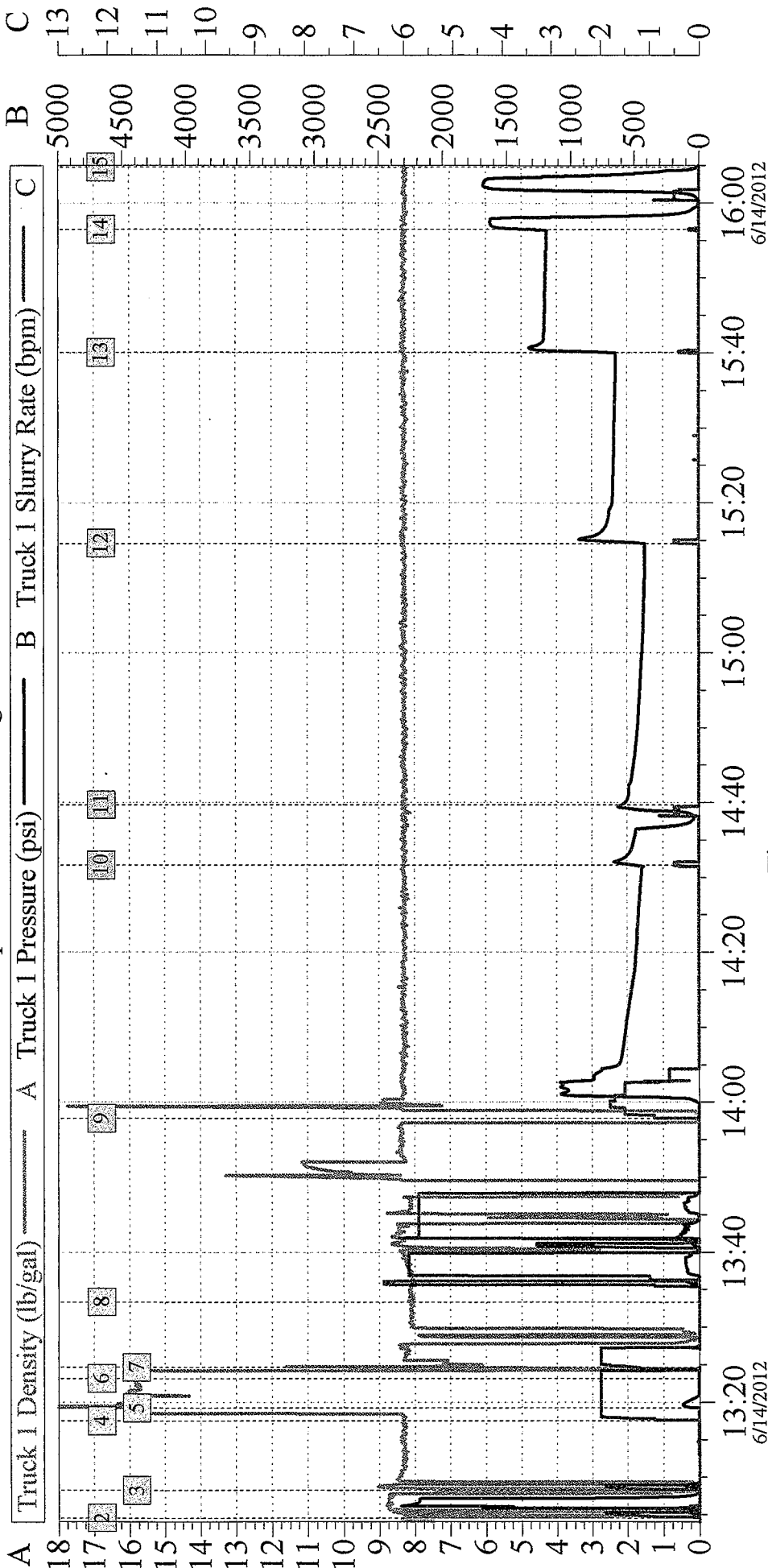
Sales Order #:

9592262

SUMMIT Version: 7.3.0030

Thursday, June 14, 2012 04:25:00

K P Kauffman - Murphy 31-3 Squeeze Hole in Casing



Customer:	K P Kauffman	Job Date:	14-Jun-2012	Sales Order #:	9592262
Well Description:	Murphy 31-3	UWI:	05-005-06958		
Halliburton Service Supervisor:	Matthew J. Rosales	Halliburton Operator:	Jerome Chavez		