

HALLIBURTON

K P KAUFFMAN CO, INC. EBIZ

Murphy ET AL 31-3
BOMBING RANGE
Arapahoe County , Colorado

Squeeze Hole in Casing
28-Jun-2012

Job Site Documents

HALLIBURTON

Work Order Contract

Order Number

9626363

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BELOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Well No.	Farm or Lease	County	State	Well Permit Number
31-3	Murphy ET AL	Arapahoe	Colorado	05-005-06958
Customer	Well Owner		Job Purpose	
K P KAUFFMAN CO, INC. EBIZ	K P KAUFFMAN CO, INC. EBIZ		Squeeze Hole in Casing	

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton").

B. PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices of Halliburton are exclusive of any federal, state or municipal taxes which may be imposed on the sale or use of any materials, products or supplies furnished or services performed. Customer agrees to pay such taxes in addition to the prices in Halliburton's price list. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorney fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.

C. RELEASE AND INDEMNITY - Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Customer also agrees to DEFEND, INDEMNIFY, AND HOLD Halliburton Group HARMLESS from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water; surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire; explosion; subsurface pressure; radioactivity; and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Halliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Halliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect. "Halliburton Group" is defined as Halliburton Energy Services, Inc., its parent, subsidiary, and affiliated companies, insurers and subcontractors and all its/their officers, directors, employees, consultants and agents. Customer's RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations apply whether the personal injury, illness, death, property damage or loss is suffered by one or more members of the Halliburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Halliburton Group as named additional insured on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the current published replacement rate, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents.

E. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. **THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE.** Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, **HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP.** Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and **CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION**, even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. GOVERNING LAW - The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. DISPUTE RESOLUTION Except for Halliburton's statutory rights with regard to collection of past due invoices for services or materials, including the Contractor's statutory rights for perfection and enforcement of mechanics' and materialmen's' liens, Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules of the American Arbitration Association. The arbitration will take place in Houston, TX.

H. SEVERABILITY - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.

I. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 10200 Bellaire Blvd, Houston, TX 77072-5299.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT. I AM SIGNING THIS WORK ORDER CONTRACT WITH THE UNDERSTANDING THAT ITS TERMS AND CONDITIONS WILL NOT APPLY TO THE EXTENT THEY CONTRADICT WITH TERMS AND CONDITIONS OF A SIGNED MASTER SERVICE CONTRACT BETWEEN THE PARTIES.

Customer Acceptance of Terms and Conditions, Materials and Services

CUSTOMER Authorized Signatory

Date

HALLIBURTON

Field Ticket

Field Ticket Number: 9626363		Field Ticket Date: Thursday, June 28, 2012	
Bill To: K P KAUFFMAN CO, INC. EBIZ 1675 BROADWAY STE 2800-DO NOT MAIL DENVER, CO 80202		Job Name: Murphy ET AL Order Type: Streamline Order (ZOH) Well Name: Murphy ET AL 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: K P KAUFFMAN CO, INC. EBIZ Murphy ET AL, 31-3 2936104 S31 T4S R63W 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,Z	50	CF	0.00	5.49	274.50	40%	164.70
	NUMBER OF EACH	1						
2	MILEAGE FOR CEMENTING CREW,ZI	100	MI	0.00	5.76	576.00	40%	345.60
	Number of Units	1						
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	100	MI	0.00	9.79	979.00	40%	587.40
	Number of Units	1						
76400	ZI MILEAGE,CMT MTLN DEL/RET MIN	50	MI	0.00	3.35	393.63	40%	236.18
	NUMBER OF TONS	2.35						
460335	CMT, Rockies Standard Pump Charge	1	EA			15,929.98	37.33%	9,983.18
	Number of Units	1						
12191	SUPERFLUSH 100	370	GAL	0.00	9.18	3,396.60	40%	2,037.96
100003685	CLASS G / PREMIUM	50	SK	0.00	38.76	1,938.00	40%	1,162.80
100008028	SUGAR, GRANULATED, IMPERIAL	50	LB	0.00	6.44	322.00	40%	193.20
Halliburton Rep: JOSEPH FANTASIA				Totals	USD	23,809.71	9,098.69	14,711.02
Customer Agent: RICK .								
Halliburton Approval								

Field Ticket

Field Ticket Number: 9626363		Field Ticket Date: Thursday, June 28, 2012						
Bill To: K P KAUFFMAN CO, INC. EBIZ 1675 BROADWAY STE 2800-DO NOT MAIL DENVER, CO 80202		Job Name: Murphy ET AL Order Type: Streamline Order (ZOH) Well Name: Murphy ET AL 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: K P KAUFFMAN CO, INC. EBIZ Murphy ET AL, 31-3 2936104 S31 T4S R63W BENNETT, CO 80102								
Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount

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

14,711.02

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

The Road to Excellence Starts with Safety

Sold To #: 303209	Ship To #: 2936104	Quote #:	Sales Order #: 9626363
Customer: K P KAUFFMAN CO, INC. EBIZ	Customer Rep: ., RICK		
Well Name: Murphy ET AL	Well #: 31-3	API/UWI #: 05-005-06958	
Field: BOMBING RANGE	City (SAP): BENNETT	County/Parish: Arapahoe	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: FANTASIA, JOSEPH	MBU ID Emp #: 485445	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
FANTASIA, JOSEPH Brandon	4.5	485445	HINKLE, BRADLEY Dean	4.5	512123	KUNERT, RANDY Joe	4.5	477850

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248053C	50 mile	11142998	50 mile	11410470C	50 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
6-28-2012	4.5	4						

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	28 - Jun - 2012	06:00	MST
Form Type		BHST		On Location	28 - Jun - 2012	09:30	MST
Job depth MD	2285. ft	Job Depth TVD	2285. ft	Job Started	28 - Jun - 2012	10:30	MST
Water Depth		Wk Ht Above Floor		Job Completed	28 - Jun - 2012	13:22	MST
Perforation Depth (MD)	From		To	Departed Loc	28 - Jun - 2012	14:00	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
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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				
1	Water Spacer		10.00	bbl	8.33	.0	.0	.0					
2	SUPER FLUSH 100	SUPER FLUSH 100 - SBM (12191)	9.00	bbl	11.7	.0	.0	.0					

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				

HALLIBURTON

Cementing Job Summary

Stage/Plug #: 1									
3	Water Spacer		7.00	bbl	8.33	.0	.0	.0	
4	Prem G 15.8#	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	50.0	sacks	15.8	1.15	4.99		4.99
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	4.99 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement	29	Shut In: Instant		Lost Returns		Cement Slurry	10	Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement	26.5	Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating	2	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					

The Road to Excellence Starts with Safety

Sold To #: 303209		Ship To #: 2936104		Quote #:		Sales Order #: 9626363	
Customer: K P KAUFFMAN CO, INC. EBIZ				Customer Rep: ., RICK			
Well Name: Murphy ET AL			Well #: 31-3		API/UWI #: 05-005-06958		
Field: BOMBING RANGE		City (SAP): BENNETT		County/Parish: Arapahoe		State: Colorado	
Legal Description:							
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.				Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.			
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			Srvc Supervisor: FANTASIA, JOSEPH			MBU ID Emp #: 485445	

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	06/28/2012 09:30							
Assessment Of Location Safety Meeting	06/28/2012 09:45							
Start Job	06/28/2012 10:36							
Test Lines	06/28/2012 10:38					3650. 0		PRESSURE TEST LINES TO 3500 PSI
Pump Spacer 1	06/28/2012 10:39		2	10		5.0		10 BBLS FRESH WATER
Pump Spacer 2	06/28/2012 10:45		2	9		10.0		9 BBLS SUPER FLUSH/SODIUM SILICATE
Pump Spacer 1	06/28/2012 10:56		2	7		6.0		7 BBLS FRESH WATER SPACER
Pump Cement	06/28/2012 11:08		1	10		1660. 0		10 BBLS G CEMENT MIXED AT 15.8 PPG USING RIG . CAUGHT PRESSURE 5 BBLS INTO CEMENT.
Pump Displacement	06/28/2012 11:18		0.5	26.5		2980. 0		WELL SQUEEZED OFF AT 26.5 BBLS INTO DISPLACEMENT. TOTAL TUBING CAPACITY WAS 29 BBLS
End Job	06/28/2012 13:22							

Sold To #: 303209

Ship To #: 2936104

Quote #:

Sales Order #: 9626363

SUMMIT Version: 7.3.0030

Thursday, June 28, 2012 01:34:00

Job Date: 28-Jun-2012

The Road to Excellence Starts with Safety

Customer: K P KAUFFMAN CO, INC. EBIZ

Field:

Bombing Range

Job Type:

CMT SQUEEZE
HOLE IN CASING
BOM

UWI / API Number: 05-005-06958

County/Parish: Arapahoe

Arapahoe

HES Employee:

Well Name: Murphy ET AL

State:

Colorado

Well No: 31-3

Latitude:

North 0deg. 0min 0sec

Formation:

Longitude:

East 0deg. 0min 0sec

Customer Name: RICK.

Sect / Twn / Rng: / /

Customer Phone #:

HALLIBURTON ONSITE SAFETY PERSON JOSEPH FANTASIA

Employee's Name & Emp #	Company	Location	Pre-Rig-Up	Pre-Job	Post-Job
Joseph Fantasia (00485445)					
Randy Kunert (00477850)					
Bradley Hinkle (00512123)					
Rick . ()					
	TOTAL HALLIBURTON			TOTAL OTHER	

HALLIBURTON

HALLIBURTON ENERGY SERVICES

M. S. D. S. RECEIPT DOCUMENT

This receipt page is intended for use with Material Safety Data Sheets supplied by Halliburton Energy Services. The recipients of these data sheets should consult the OSHA Safety and Health Standards (29 CFR 1910), particularly subpart G - Occupational Health and Environmental Control, and subpart I - Personal Protective Equipment, for general guidance on control of potential Occupational Health and Safety Hazards.

This document provides the customer the instructions necessary to utilize the M. S. D. S. Safety Sheets and confirms that Halliburton Energy Services offers the Customer the communication for discussion on Chemical Safety of the provided materials.

Customer Signature

Company :

K P KAUFFMAN CO, INC. EBIZ

Lease, Well Name, Nbr :

MURPHY ET AL, MURPHY ET AL, 31-3

Ticket # :

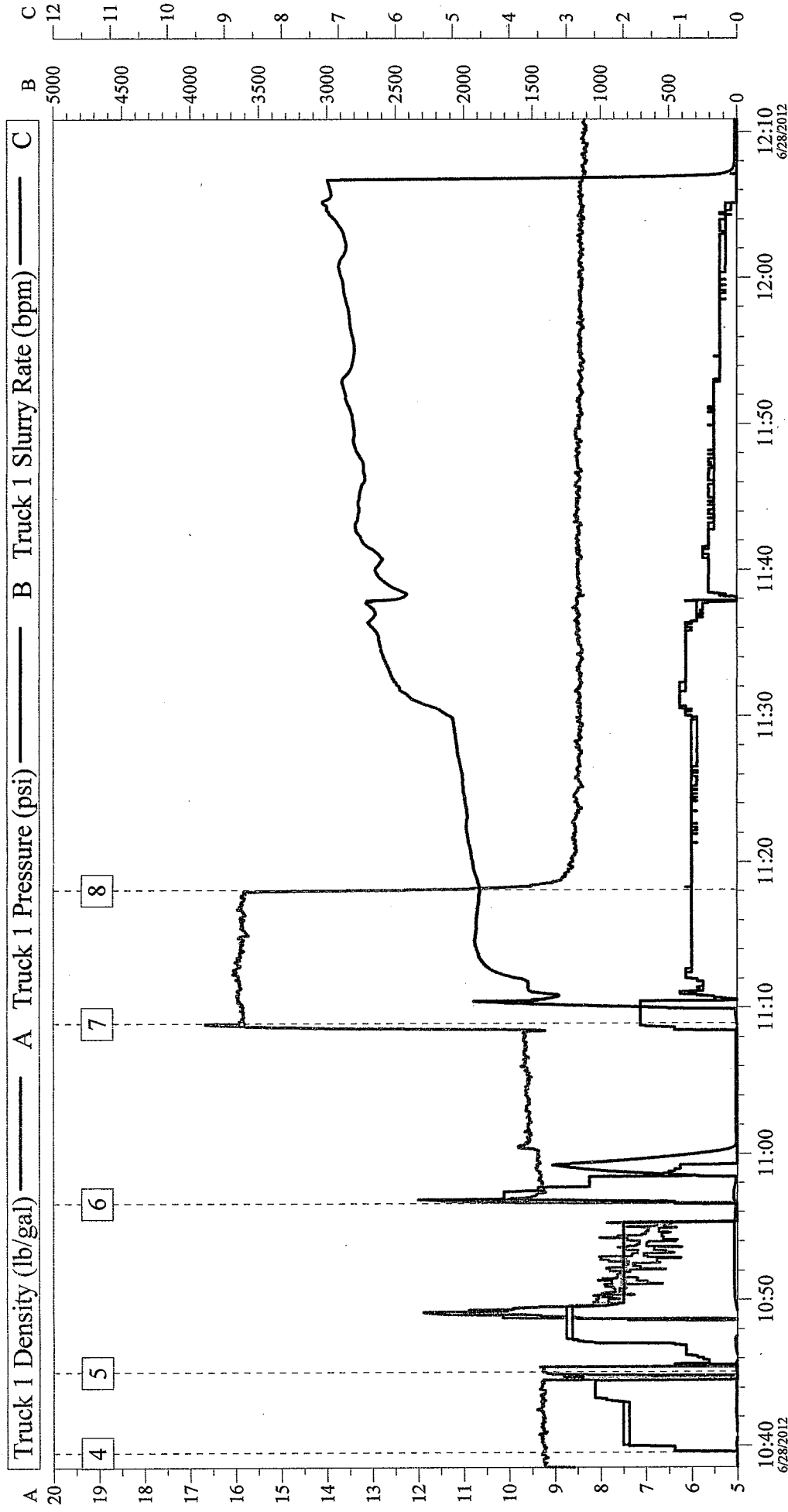
9626363

Location :

BRIGHTON, CO, USA

(To be completed by Service Supervisor)

KPK MURPHY ET AL 31-3 SQUEEZE



Global Event Log

1	Starting Job	10:25:05	2	Start Job	10:34:05	3	Test Lines	10:36:24
4	Pump Spacer 1	10:39:33	5	Pump Spacer 2	10:45:05	6	Pump Spacer 1	10:56:36
7	Pump Cement	11:08:57	8	Pump Displacement	11:18:06	9	Ending Job	13:22:08

Customer:

Well Description:

Job Date: 28-Jun-2012

UWI:

Sales Order #: 9626363