



Operator Name: Osborn Heirs Company Lease Name: Molz Well #: 1  
 Sec. 13 Twp. 22 S. R. 38  East  West County: Kearny

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: <b>resistivity, neutron-density, spectral gamma ray,                  BHC sonic, microlog</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3824</td> <td>-474</td> </tr> <tr> <td>Toronto</td> <td>3844</td> <td>-494</td> </tr> <tr> <td>Lansing</td> <td>3883</td> <td>-533</td> </tr> <tr> <td>Cherokee</td> <td>4476</td> <td>-1126</td> </tr> <tr> <td>Morrow</td> <td>4711</td> <td>-1372</td> </tr> <tr> <td>St Louis</td> <td>4880</td> <td>-1530</td> </tr> <tr> <td>Viola</td> <td>5544</td> <td>-2194</td> </tr> </table>	Name	Top	Datum	Heebner	3824	-474	Toronto	3844	-494	Lansing	3883	-533	Cherokee	4476	-1126	Morrow	4711	-1372	St Louis	4880	-1530	Viola	5544	-2194
Name	Top	Datum																							
Heebner	3824	-474																							
Toronto	3844	-494																							
Lansing	3883	-533																							
Cherokee	4476	-1126																							
Morrow	4711	-1372																							
St Louis	4880	-1530																							
Viola	5544	-2194																							

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	12-1/4"	8-5/8"	24	438'	prem	270	2% CC, 0.25 pps poly-e-flake
production	7-7/8"	5-1/2"	15.5	3059'	prem	815	0.125 pps poly-e-flake

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	2864'-2880'; 2890'-2900'; 2908'-2914'	Acidized w/ 3325 gal 15% HCl	
		Fraced w/ 55,333 gal N2 foam w/ 85,376 lbs sand	

TUBING RECORD: Size: <u>2-3/8"</u> Set At: <u>2912'</u> Packer At: <u> </u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>3-26-09</u>	Producing Method: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u> </u>
Estimated Production Per 24 Hours	Oil Bbls. <u> </u> Gas Mcf <u>34</u> Water Bbls. <u>95</u> Gas-Oil Ratio <u> </u> Gravity <u> </u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) <u> </u>	PRODUCTION INTERVAL: <u>Council Grove</u> <u>2864'-2914' oa</u>
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KGC

APR 02 2003

HALLIBURTON

# Cementing Job Summary

*The Road to Excellence Starts with Safety*

Sold To #: 304306		Ship To #: 2701024		Quote #:		Sales Order #: 6385451	
Customer: OSBORN HEIRS COMPANY				Customer Rep: Lee, Pat			
Well Name: Molz			Well #: 1		API/UWI #:		
Field:		City (SAP): LAKIN		County/Parish: Keamy		State: Kansas	
Contractor: Murfin Drilling Co.			Rig/Platform Name/Num: 21				
Job Purpose: Cement Production Casing							
Well Type: Development Well				Job Type: Cement Production Casing			
Sales Person: HESTON, MYRON			Srcv Supervisor: LOPEZ, CARLOS		MBU ID Emp #: 321975		

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
EVANS, JOSHUA Allen	18	427571	HAYES, CRAIG H	18	449385	LOPEZ, CARLOS	18	321975
RODRIGUEZ, EDGAR A	18	442125	TORRES, CLEMENTE	18	344233			

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10240245	95 mile	10243558	95 mile	10704310	95 mile	10744298C	95 mile
10988832	95 mile	54029	95 mile	54219	95 mile	75819	95 mile
75821	95 mile	D0131	95 mile				

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
12-15-08	18	3						

TOTAL

Total is the sum of each column separately

### Job

### Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Called Out	Date	Time	Time Zone
			On Location	14 - Dec - 2008	21:30	CST
Form Type		BHST	Job Started	15 - Dec - 2008	02:00	CST
Job depth MD	5650. ft	Job Depth TVD	Job Started	15 - Dec - 2008	00:00	CST
Water Depth		Wk Ht Above Floor	Job Completed	15 - Dec - 2008	00:00	CST
Perforation Depth (MD) From		To	Departed Loc	15 - Dec - 2008	00:00	CST

### 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 Hole				7.875				435.	5650.		
Production Casing	Used		5.5	5.012	14.	8 RD (ST&C)	J-55		3030.		
Surface Casing	Used		8.625	7.921	24.	8 RD (ST&C)	J-55		435.		

### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
CLR,FLT,5-1/2 8RD,14-23PPF,2-3/4	1	EA		
SHOE,GID,5-1/2 8RD	1	EA		
CTRZR ASSY,5 1/2 CSG X 7 7/8 HOLE,HINGED	6	EA		
COLLAR-STOP-5 1/2"-W/DOGS	1	EA		
PLUG,CMTG,TOP,5 1/2,HWE,4.38 MIN/5.09 MA	1	EA		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe	5.5	1	H	3044.99	Packer					Top Plug	5.5	1	H
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar	5.5	1	H	3006.07	Retainer					SSR plug set			
Insert Float										Plug Container	5.5	1	H
Stage Tool										Centralizers	5.5	1	H

# Cementing Job Summary

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	HLC PREMIUM	HALLIBURTON LIGHT PREMIUM - SBM (12311)			595.0	sacks	12.3	2.03	11.39		11.39		
	0.125 lbm	POLY-E-FLAKE (101216940)											
	11.386 Gal	FRESH WATER											
2	Premium Plus	CMT - PREMIUM PLUS CEMENT (100012205)			220.0	sacks	14.8	1.33	6.26		6.26		
	94 lbm	CMT - PREMIUM PLUS - CLASS C REG OR TYPE III, BULK (100012205)											
	0.125 lbm	POLY-E-FLAKE (101216940)											
	0.6 %	HALAD(R)-322, 50 LB (100003646)											
	6.26 Gal	FRESH WATER											
Calculated Values				Pressures				Volumes					
Displacement	73.4	Shut In: Instant		Lost Returns		Cement Slurry		267	Pad				
Top Of Cement	SURFACE	5 Min		Cement Returns		10	Actual Displacement		73.4	Treatment			
Frac Gradient		15 Min		Spacers		1	Load and Breakdown			Total Job		350.4	
Rates													
Circulating	6	Mixing		5	Displacement		6	Avg. Job		5			
Cement Left In Pipe	Amount	42 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 <i>Juan Arzola</i>									

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**Cementing Job Log**

*The Road to Excellence Starts with Safety*

Sold To #: 304306		Ship To #: 2701024		Quote #:		Sales Order #: 6385451	
Customer: OSBORN HEIRS COMPANY				Customer Rep: Lee, Pat			
Well Name: Molz			Well #: 1		API/UWI #:		
Field:		City (SAP): LAKIN		County/Parish: Kearny		State: Kansas	
Legal Description:							
Lat:				Long:			
Contractor: Murfin Drilling Co.			Rig/Platform Name/Num: 21				
Job Purpose: Cement Production Casing					Ticket Amount:		
Well Type: Development Well			Job Type: Cement Production Casing				
Sales Person: HESTON, MYRON			Srcv Supervisor: LOPEZ, CARLOS			MBU ID Emp #: 321975	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/14/2008 21:30							4 HOUR CALL OUT BY DISPATCH : YOLANDA
Safety Huddle	12/14/2008 22:30							PRE DEPARTURE JOURNEY MANEGEMENT
Depart from Service Center or Other Site	12/15/2008 00:30							I HAD TO LEAVE AHEAD OF PUMP TRUCK BECAUSE I HAD FLOAT EQUIPMENT , AND LEFT JOSH WITH KELLY GRAY WORKING ON THE TRUCK
Arrive at Location from Service Center	12/15/2008 02:00							UPON ARRIVAL I NOTICED THAT LOCATION WAS CLEAN AND DRY WITH PLENTY OF ROOM TO SPOTT TRUCKS IN WERE NEEDED
Rig-Up Equipment	12/15/2008 02:30							RIGGED UP WATER HOSES TO TRUCK AND IRON ONLY TO A SAFE DISTANCE BECAUSE THEY WERE STILL DRILLING AND THEN BEGAN PULLING DRILL PIPE SO THEY CAN START RUNNING CASING.

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Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Wait on Customer or Customer Sub-Contractor Equip	12/15/2008 03:00							STILL DRILLING WHEN WE ARRIVED ON LOCATION. PULLED D.P., RAN CASING, THEN CIRCULATED FOR 2 HOURS BEFORE WE RAN THE JOB
Start Job	12/15/2008 16:10							STABBED CEMENT HEAD AND HAD SAFETY MEETING W/ CO. MAN AND RIG CREW AT DOG HOUSE WHILE CIRCULATING WELL FOR 2 HOURS @ CUSTOMERS REQUEST
Test Lines	12/15/2008 16:14						4000.0	CHECKING LINES AND TRUCK FOR LEAKS
Pump Spacer 1	12/15/2008 16:16			10				FRESH WATER
Pump Lead Cement	12/15/2008 16:21		5	215				595 SKS OF HALLIBURTON LIGHT PREMIUM CEMENT MIXED @ 12.3 #
Pump Tail Cement	12/15/2008 16:57		5	52	267			220 SKS OF PREMIUM PLUS CEMENT MIXED @ 14.8 #
Drop Top Plug	12/15/2008 17:10							DROPPED PLUG WHILE JOSH WASHED UP TUB AND LINES
Pump Displacement	12/15/2008 17:11		6	73.4	83.4		250.0	FRESH WATER
Other	12/15/2008 17:20		2	63.4			350.0	SLOWED DOWN LAST 10 TO 2 BPM
Bump Plug	12/15/2008 17:24		2				800.0	TOOK PRESSURE 500 psi OVER TO LAND PLUG
Pressure Up	12/15/2008 17:25						1300.0	TESTING FLOAT
Release Casing Pressure	12/15/2008 17:28							FLOAT HELD GOT 2 bbls BACK TO TRUCK
Pump Cement	12/15/2008 17:35		3	3.5				PLUG RAT HOLE

Sold To # : 304306

Ship To # : 2701024

Quote # :

Sales Order # :

6385451

SUMMIT Version: 7.20.130

Monday, December 15, 2008 06:24:00

**Cementing Job Log**

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Cement	12/15/2008 17:39		3	3.5				PLUG MOUSE HOLE
Clean Lines	12/15/2008 17:42							WASHED UP LINES AND TUB OUT TO PIT
End Job	12/15/2008 17:45							
Safety Meeting - Pre Rig-Down	12/15/2008 18:00							DISCUSSED SAFE LIFTING TECHNIQUES AND PROPER RIG DOWN PROCEDURE
Depart Location for Service Center or Other Site	12/15/2008 20:00							THANK YOU FOR CALLING HES CARLOS AND CREW
Comment	12/15/2008 20:01							WHEN DOING PRE TRIP INSPECTION JOSH NOTICED THAT THE PONY MOTOR DIDN'T START SO WE CALLED A MECHANIC TO REPLACE THE BATTERIES AND FOR THAT WE ARRIVED 2 HOURS LATE TO LOCATION, BUT CO. MAN WAS NOTIFIED AND SAW NO PROBLEM WITH IT.

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# Work Order Contract

Order Number

6385451

Halliburton Energy Services, Inc.  
Houston, Texas 77056

**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. 1	Farm or Lease Molz	County Kearny	State Kansas	Well Permit Number
Customer OSBORN HEIRS COMPANY		Well Owner		Job Purpose Cement Production 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 are exclusive of taxes. 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 attorneys 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 reservoir, 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 date, 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 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 \$300,000. 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 replacement cost, 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** 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 CONFLICT WITH TERMS AND CONDITIONS OF A SIGNED MASTER SERVICE CONTRACT BETWEEN THE PARTIES.**

SIGNED:

  
\_\_\_\_\_  
CUSTOMER Authorized Signatory

DATE: 12-15-08

TIME: 16:00 A.M./P.M.

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# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 304306	Ship To #: 2701024	Quote #:	Sales Order #: 6367911
Customer: OSBORN HEIRS COMPANY		Customer Rep: Cunningham, Gary	
Well Name: Molz	Well #: 1	API/UWI #:	
Field:	City (SAP): LAKIN	County/Parish: Kearny	State: Kansas
Contractor: Murfin Drilling Co.		Rig/Platform Name/Num: 21	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: DEETZ, DONALD	MBU ID Emp #: 389855

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BERUMEN, EDUARDO	7.0	267804	DEETZ, DONALD E	7.0	389855	FOURZAN, CARLOS Ivan	7.0	449384

**Equipment**

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10010921C	95 mile	10240236	95 mile	10897801	95 mile	10949718	95 mile
6610U	95 mile						

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
12/6/08	7.0	3.0						

TOTAL Total is the sum of each column separately

**Job**

**Job Times**

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				On Location	05 - Dec - 2008	19:00	CST
Form Type			BHST	Job Started	05 - Dec - 2008	23:00	CST
Job depth MD	520. ft		Job Depth TVD	420. ft	06 - Dec - 2008	00:00	CST
Water Depth			Wk Ht Above Floor	4. ft	06 - Dec - 2008	00:00	CST
Perforation Depth (MD)	From		To	Departed Loc	06 - Dec - 2008	00:00	CST

**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
Surface Hole				12.25					420.		
Surface Casing	Unknown		8.625	8.097	24.		Unknown		420.		

**Sales/Rental/3<sup>rd</sup> Party (HES)**

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 8 5/8, HW, 7.20 MIN/8.09 MA	1	EA		
SHOE, CSG, TIGER TOOTH, 8 5/8 IN 8RD	1	EA		
CLR, FLT, TROPHY SEAL, 8-5/8 8RD	1	EA		
AUTOFILL KIT, TROPHY SEAL	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	4	EA		
CLP, LIM, 8 5/8, FRICT, WTH DOGS	1	EA		
BASKET-CMT-8-5/8 CSG-SLIP-ON-S	1	EA		
KIT, HALL WELD-A	1	EA		

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**Tools and Accessories**

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe	8 5/8	1	h	437	Packer					Top Plug	8 5/8	1	h
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar	8 5/8	1	h	396	Retainer					SSR plug set			
Insert Float										Plug Container	8 5/8	1	h
Stage Tool										Centralizers	8 5/8	4	h

Miscellaneous Materials													
Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	
<b>Fluid Data</b>													
<b>Stage/Plug #: 1</b>													
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 Pre-Flush				10.00	bbl	8.33	.0	.0	5.0			
2	Tail Cement	HALCEM (TM) SYSTEM (452986)			270.0	sacks	14.8	1.34	6.32	5.0	6.32		
	0.25 lbm	POLY-E-FLAKE (101216940)											
	6.324 Gal	FRESH WATER											
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)											
3	Displacement				25.00	bbl	8.33	.0	.0	5.0			
<b>Calculated Values</b>			<b>Pressures</b>			<b>Volumes</b>							
Displacement	25	Shut In: Instant			Lost Returns	0	Cement Slurry		64	Pad			
Top Of Cement	surface	5 Min			Cement Returns	35	Actual Displacement		25	Treatment			
Frac Gradient		15 Min			Spacers	10	Load and Breakdown			Total Job	99		
<b>Rates</b>													
Circulating	5	Mixing			6	Displacement		6	Avg. Job		6		
Cement Left In Pipe	Amount	41 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								

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APR 02 2009

*The Road to Excellence Starts with Safety*

Sold To #: 304306	Ship To #: 2701024	Quote #:	Sales Order #: 6367911
Customer: OSBORN HEIRS COMPANY		Customer Rep: Cunningham, Gary	
Well Name: Molz	Well #: 1	API/UWI #:	
Field:	City (SAP): LAKIN	County/Parish: Kearny	State: Kansas
Legal Description:			
Lat:		Long:	
Contractor: Murfin Drilling Co.		Rig/Platform Name/Num: 21	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HESTON, MYRON		Srv Supervisor: DEETZ, DONALD	MBU ID Emp #: 389855

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/05/2008 19:00							
Depart Yard Safety Meeting	12/05/2008 20:30							discused route and stops
Arrive at Location from Service Center	12/05/2008 23:00							rig was on bottom circulating thru drill pipe
Assessment Of Location Safety Meeting	12/05/2008 23:05							located water and were we will spot in truck
Pre-Rig Up Safety Meeting	12/05/2008 23:10							discused rig up procedures
Rig-Up Completed	12/06/2008 00:10							rigged up to cat walk
Circulate Well	12/06/2008 03:23							put on cement head circulated with rig
Start Job	12/06/2008 03:53							
Test Lines	12/06/2008 03:54							3000 psi
Pump Spacer 1	12/06/2008 03:56		6	10			50.0	rig water
Pump Cement	12/06/2008 04:00		6	64	74		50.0	270 sks @ 14.8
Drop Plug	12/06/2008 04:14							top plug only
Pump Displacement	12/06/2008 04:15		6	25	99		150.0	rig water
Bump Plug	12/06/2008 04:24							bumped plug @ 150 took to 950 checked floats ok
End Job	12/06/2008 04:25							thanks for calling halliburton eric & crew
Pre-Rig Down Safety Meeting	12/06/2008 04:30							watch for pinch points use buddy system
Rig-Down Completed	12/06/2008 05:30							

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*Cementing Job Log*

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Depart Location Safety Meeting	12/06/2008 05:45							discussed routs and stops
Depart Location for Service Center or Other Site	12/06/2008 06:00							

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APR 06 2009

## Work Order Contract

Order Number

6367911

Halliburton Energy Services, Inc.  
Houston, Texas 77056

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. 1	Farm or Lease Molz	County Kearny	State Kansas	Well Permit Number
Customer OSBORN HEIRS COMPANY		Well Owner		Job Purpose Cement Surface 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 are exclusive of taxes. 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 attorneys 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 replacement cost, 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** 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 or 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 CONFLICT WITH TERMS AND CONDITIONS OF A SIGNED MASTER SERVICE CONTRACT BETWEEN THE PARTIES.**

SIGNED:

CUSTOMER Authorized Signatory

DATE:

12/5/08

TIME:

5:00

A.M./P.M.

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APPROVED