

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # 32787  
Name: Kansas Natural Gas Operating, Inc.  
Address: P. O. Box 815  
City/State/Zip: Sublette, KS 67877  
Purchaser: Oneok Pipeline  
Operator Contact Person: Steve Lehning  
Phone: (620) 675-8185  
Contractor: Name: Trinidad Drilling, L.P.  
License: 33784

Wellsite Geologist: Ron Osterbuhr  
Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

<u>12-5-07</u>	<u>12-7-07</u>	<u>1-30-08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 093-21812-0000  
County: Kearny  
NE SW SW 1/4 Sec. 36 Twp. 24 S. R. 35  East  West  
1250' feet from  N (circle one) Line of Section  
1250" feet from E /  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW  SW  
Lease Name: Hamlin Well #: 4-3  
Field Name: Hugoton

Producing Formation: Chase Series  
Elevation: Ground: 2983' GL Kelly Bushing: 2995' KB  
Total Depth: 2646' KB Plug Back Total Depth: 2640' KB  
Amount of Surface Pipe Set and Cemented at 941' G.L. Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit) *ALT I WITH 2-22-08*  
Chloride content NA ppm Fluid volume 100 bbls  
Dewatering method used Evaporate Till Dry - Backfill  
Location of fluid disposal if hauled offsite:  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Steven M. Lehning  
Title: Supt. Date: 2/5/08  
Subscribed and sworn to before me this 5<sup>th</sup> day of February,  
20 08.  
Notary Public: Kraig Gross  
Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**

N Letter of Confidentiality Received  
 Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
*copy to Jim* **FEB 07 2008**

Operator Name: Kansas Natural Gas Operating, Inc. Lease Name: Hamlin Well #: 4-3  
 Sec. 36 Twp. 24 S. R. 35  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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	T/Permian	880'	2115'
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	T/Blaine	1320'	1675'
List All E. Logs Run:		B/Stone Corral	1922'	1073'
		T/Hollenberg	2465'	530'
		T/Herrington	2494'	501'
		T/Krider	2514'	481'
		T/Winfield	2548'	447'
		T/Towanda	2606'	389'

Dual - Spaced Gamma Ray Neutron

CASING RECORD <input checked="" 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 Pipe	12 1/4"	8 5/8"	24#	941' G.L.	Econocem Lite	370	3% Cal-Chloride
Production Pipe	7 7/8"	5 1/2"	15.5#	2633' G.L.	Econocem Prem. Lite	380	3% Cal-Chloride

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) Shots P/Foot	2497' - 2505' KB	Acid: 3600 gallons of 15% FE-Mud Acid	
	2516' - 2526' KB (144 Holes)	and Flushed W/95 bbls - 2 % KCL	
	2554' - 2564' KB (KB = 12')		
	2612' - 2620' KB	Frac: 100,000 # Delta-Foam Frac W/ 1# - 4# per gallon rate at 40 BPM.	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8 EUE 8 Rd. Tubing	2617'	None		
Date of First, Resumerd Production, SWD or Enhr. Pending Pipeline Connection			Producing Method			
			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
		NA	NA			

Disposition of Gas:  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: 2497' - 2620' KB (144 Holes)

RECEIVED  
KANSAS CORPORATION COMMISSION

FEB 07 2008  
CONSERVATION DIVISION  
WICHITA, KS

Side Two

Operator Name: Kansas Natural Gas Operating, Inc. Lease Name: Hamlin Well #: 4-3  
 Sec. 06 Twp. 25 S. R. 34  East  West County: Finney

**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 type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" 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>RTD:</td> <td>2646'</td> <td>349'</td> </tr> <tr> <td>LTD:</td> <td>2640'</td> <td>355'</td> </tr> <tr> <td>PBTD:</td> <td>2640'</td> <td>355'</td> </tr> </table>	Name	Top	Datum	RTD:	2646'	349'	LTD:	2640'	355'	PBTD:	2640'	355'
Name	Top	Datum											
RTD:	2646'	349'											
LTD:	2640'	355'											
PBTD:	2640'	355'											

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

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
  
**FEB 07 2008**  
  
 CONSERVATION DIVISION  
 WICHITA, KS

## DRILLING & GEOLOGICAL SUMMARY

Operator: Kansas Natural Gas Gathering, Inc. License Number: 32787  
 Well Name & #: Hamlin #4-3 A.P.I. #: 15 - 093 - 21812 - 0000  
 Location: 1250' F S L / 1250' F W L / NE/SW/SW Sec. 36 Twp. 24 S Rng. 35 W  
 Elevation@ Ground Level: 2983' Kelly Bushing: 2995' Ref. Datum: KB Depth: 2646' PBSD: 2640'  
 Drilling Spud Date: 12 - 05 - 2007 Drilling Completed Date: 12 - 07 - 2007  
 Contractor: Trinidad Drilling LP Rig # 216 License Number: 33784

Surface Casing Size: 8.625" Weight: 24 # Grade: J-55 Depth Set @: 953'  
 Equip. & Cement: 'texas' pattern shoe, baffle plate, 3 centralizers, basket on #19 of 22.  
220 sx of lead; 150 sx of tail w/ 3% CC - 1/4# Flo-Cele.  
 Circulated 19 sacks of cement to the surface. Surface Hole Deviation: 2 degrees.

Prod. Casing Size: 5.500" Weight: 15.5 # Grade: J-55 Depth Set @: 2645'  
 Equip. & Cement: guide shoe w/integral latch-down baffle, 10 centralizers.  
230 sx of lead w/ 3% CC - 1/4# Flo-Cele; 150 sx w/ 1/4# Flo-Cele.  
 Circulated 98 sacks of cement to the surface. Total Depth Hole Deviation: 1 degrees.

Open Hole Logs: not run Cased Hole Logs: G/R - DSN - CCL

Horizon	Depth (KB)	Datum	Remarks
T/PERMIAN	880	2115	
T/BLAINE	1320	1675	
B/STONE CORRAL	1922	1073	
T/HOLLENBERG	2465	530	
T/HERINGTON	2494	501	perforate 2497'-2505'
T/KRIDER	2514	481	perforate 2516'-2526'
T/WINFIELD	2548	447	perforate 2554'-2564'
T/TOWANDA	2606	389	perforate 2612'-2620'
T/FORT RILEY			
T/COUNCIL GROVE			
RTD	2646	349	
LTD	2640	355	
PBSD	2640	355	
REFERENCE ELEVATION	2995		

Perforations: 2497'-2505', 2516'-2526', 2554'-2564', 2612'-2620' all w/4 SPF

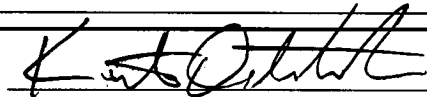
Acid Treatment: 3600 gallons of 15% FE-MCA, max pressure was 2205#, max rate was 13 BPM,  
good ball action with ball-off.

Frac. Treatment: \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION

FEB 07 2008

CONSERVATION DIVISION  
WICHITA, KS

Name: Kurt Osterbuhr Signed:  Date: 01 - 05 - 2008

# HALLIBURTON

## CEMENT SURFACE CASING Cementing Job Summary

*The Road to Excellence Starts with Safety*

Sold To #: 303233		Ship To #: 2616848		Quote #:		Sales Order #: 5535727	
Customer: KANSAS NATURAL GAS OPERATING INC				Customer Rep: Perez, Noel			
Well Name: Hamlin			Well #: #4-3		API/UWI #: 15-093-21812		
Field: HUGOTON		City (SAP): UNKNOWN		County/Parish: Kearny		State: Kansas	
Legal Description: Section 36 Township 24S Range 35W							
Contractor: TRINIDAD DRILLING			Rig/Platform Name/Num: 216				
Job Purpose: Cement Surface Casing							
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: HESTON, MYRON			Srvc Supervisor: MCINTYRE, BRIAN		MBU ID Emp #: 106009		

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
EVANS, JOSHUA Allen	6.0	427571	LOPEZ, CARLOS	6.0	321975	MCINTYRE, BRIAN C	6.0	106009
TORRES, CLEMENTE	6.0	344233						

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10219237	80 mile	10244148	80 mile	10286731	80 mile	10415642	80 mile
10897857	80 mile	6610U	80 mile				

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

**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	06 - Dec - 2007	02:45	CST
Form Type		BHST	On Location	06 - Dec - 2007	06:15	CST
Job depth MD	950. ft	Job Depth TVD	Job Started	06 - Dec - 2007	10:05	CST
Water Depth		Wk Ht Above Floor	Job Completed	06 - Dec - 2007	10:59	CST
Perforation Depth (MD) From		To	Departed Loc	06 - Dec - 2007	12:30	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					954.		
Surface Casing	New		8.625	8.097	24.	8 RD (ST&C)	Unknown		955.		

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

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA	1	EA		
SHOE, GID, 8-5/8 8RD	1	EA		
VLVASSY, INSR FLOAT, 8-5/8 8RD, 24 lbs/ft	1	EA		
FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	3	EA		
BASKET-CMT-8-5/8 CSG-SLIP-ON-S	1	EA		

### 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			

RECEIVED

KANSAS CORPORATION COMMISSION

# HALLIBURTON

# 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 ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Pre-Flush		10.00	bbl	8.33	.0	.0	6.0	
2	Lead Cement	MIDCON-2 CEMENT PREMIUM PLUS - SBM (15079)	220.0	sacks	11.4	2.95	18.09	6.0	18.09
	0.1 %	WG-17, 50 LB SK (100003623)							
	3 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.5 lbm	POLY-E-FLAKE (101216940)							
	18.09 Gal	FRESH WATER							
3	Tail Cement	CMT - PREMIUM PLUS CEMENT (100012205)	150.0	sacks	14.8	1.34	6.32	6.0	6.32
	94 lbm	CMT - PREMIUM PLUS - CLASS C REG OR TYPE III, BULK (100012205)							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	6.324 Gal	FRESH WATER							
4	Water Displacement		54.644	bbl	8.33	.0	.0	6.0	

#### Calculated Values:

#### Pressures

#### Volumes:

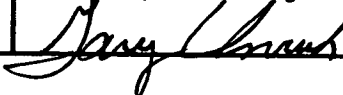
Displacement	Shut In: Instant	Lost Returns	Cement Slurry	Pad
Top Of Cement	5 Min	Cement Returns	Actual Displacement	Treatment
Frac Gradient	15 Min	Spacers	Load and Breakdown	Total Job

#### Rates

Circulating	Mixing	Displacement	Avg. Job
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



CIRCULATED bbls. TO PIT OF CEMENT

RECEIVED  
KANSAS CORPORATION COMMISSION

FEB 07 2008

CONSERVATION DIVISION  
WICHITA, KS

# HALLIBURTON

## Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2616848	Quote #:	Sales Order #: 5535727
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Perez, Noel	
Well Name: Hamlin	Well #: #4-3	API/UWI #: 15-093-21812	
Field: HUGOTON	City (SAP): UNKNOWN	County/Parish: Kearny	State: Kansas
Legal Description: Section 36 Township 24S Range 35W			
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: TRINIDAD DRILLING		Rig/Platform Name/Num: 216	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HESTON, MYRON		Srv Supervisor: MCINTYRE, BRIAN	MBU ID Emp #: 106009

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/06/2007 02:45							
Safety Meeting - Service Center or other Site	12/06/2007 03:30							
Crew Leave Yard	12/06/2007 05:00							
Arrive At Loc	12/06/2007 06:15							
Assessment Of Location Safety Meeting	12/06/2007 06:20							
Other	12/06/2007 06:25							RIG COMING OUT OF HOLE WITH DRILL PIPE
Safety Meeting - Pre Rig-Up	12/06/2007 06:40							
Rig-Up Equipment	12/06/2007 06:45							
Rig-Up Completed	12/06/2007 07:30							
Start In Hole	12/06/2007 07:45							START 8 5/8 CASING AND FLOAT EQUIPMENT
Casing on Bottom	12/06/2007 09:15							TAKE ELEVATORS OFF—HOOK UP LANDING JOINT..
Circulate Well	12/06/2007 09:30							WITH RIG
Safety Meeting - Pre Job	12/06/2007 10:00							
Test Lines	12/06/2007 10:06							TEST LINES 2000 PSI
Pump Spacer 1	12/06/2007 10:08		3.5		10		70.0	FRESH WATER

RECEIVED  
KANSAS CORPORATION COMMISSION

Sold To #: 303233

Ship To #: 2616848

Quote #:

FEB 07 2008

Sales Order #:

5535727

SUMMIT Version: 7.20.130

Thursday, December 06, 2007 11:13:00

CONSERVATION DIVISION  
WICHITA, KS

# HALLIBURTON

## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Lead Cement	12/06/2007 10:11		6		116		95.0	220 SKS MID-CON 2 PREMIUM PLUS @ 11.4#GAL
Pump Tail Cement	12/06/2007 10:28		6		36		150.0	150 SKS PREMIUM PLUS @ 14.8#GAL
Clean Lines	12/06/2007 10:35							TO PIT
Drop Top Plug	12/06/2007 10:37							8 5/8 5 WIPER HWE
Pump Displacement	12/06/2007 10:38		6		58		110.0	FRESH WATER
Cement Returns to Surface	12/06/2007 10:44		6		58		250.0	10 BBLs CIRCULATED TO PIT
Other	12/06/2007 10:48		2		58		400.0	SLOW RATE
Bump Plug	12/06/2007 10:55		2		58		1150.0	450 PSI-1150 PSI
Check Floats	12/06/2007 10:57							FLOAT DID NOT HOLD
Shut In Well	12/06/2007 10:58						140.0	SHUT IN WELL WITH 140 PSI
End Job	12/06/2007 10:59							
Safety Meeting - Pre Rig-Down	12/06/2007 11:05							
Rig-Down Equipment	12/06/2007 11:10							
Rig-Down Completed	12/06/2007 12:00							
Safety Meeting - Departing Location	12/06/2007 12:30							

RECEIVED  
KANSAS CORPORATION COMMISSION

FEB 07 2008

CONSERVATION DIVISION  
WICHITA, KS

Sold To # : 303233

Ship To # : 2616848

Quote # :

Sales Order # : 5535727

SUMMIT Version: 7.20.130

Thursday, December 06, 2007 11:13:00



# HALLIBURTON

## CEMENT PRODUCTION CASING Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2616848	Quote #:	Sales Order #: 5535739
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Perez, Noel	
Well Name: Hamlin	Well #: #4-3	API/UWI #: 15-093-21812	
Field: HUGOTON	City (SAP): UNKNOWN	County/Parish: Kearny	State: Kansas
Legal Description: Section 36 Township 24S Range 35W			
Contractor: TRINIDAD DRILLING		Rig/Platform Name/Num: 216	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production 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 #
CARRILLO, EDUARDO Carrillo	7.0	371263	DEETZ, DONALD E	7.0	389855	EVANS, JOSHUA Allen	7.0	427571
treadwell, gary	7.0	0						

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10010921C	80 mile	10240236	80 mile	10240245	80 mile	10244148	80 mile
10804481	80 mile	10949718	80 mile	6611U	80 mile		

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
12/07/07	7	3						
TOTAL			Total is the sum of each column separately					

### Job

### Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	07 - Dec - 2007	09:30	CST
Form Type	BHST		On Location	07 - Dec - 2007	13:00	CST
Job depth MD	2648. ft	Job Depth TVD	Job Started	07 - Dec - 2007	16:23	CST
Water Depth		Wk Ht Above Floor	Job Completed	07 - Dec - 2007	17:15	CST
Perforation Depth (MD)	From	To	Departed Loc	07 - Dec - 2007	19:00	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 Casing	New		8.625	8.097	24.	8 RD (ST&C)	Unknown		900.		
Production Hole				7.875				900.	2655.		
Production Casing	New		5.5	5.012	15.5	8 RD (LT&C)	J-55		2655.		

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

Description	Qty	Qty uom	Depth	Supplier
SHOE, GID, 5-1/2 8RD	1	EA		
PLUG ASSY, 3 WIPR LTH-DWN, 5 1/2 CSG	1	EA		
BAFFLE ASSY - 5-1/2 8RD - LATCH-DOWN	1	EA		
CENTRALIZER ASSY - TURBO - API -	10	EA		
KIT, HALL WELD-A	1	EA		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe	5 1/2	1	H	2648	Packer					Top Plug	5 1/2	1	H
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float	5 1/2	1	H	2647						Plug Container	5 1/2	1	H
Stage Tool										Centralizers	5 1/2	10	H

RECEIVED  
KANSAS CORPORATION COMMISSION

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 ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Pre-Flush		10.00	bbl	8.33	.0	.0	6.0	
2	MUD FLUSH	MUD FLUSH II - SBM (508007)	10.00	bbl	8.4	.0	.0	6.0	
3	Lead Cement	MIDCON-2 CEMENT PREMIUM PLUS - SBM (15079)	230.0	sacks	11.4	2.89	17.8	6.0	17.8
	0.25 lbm	POLY-E-FLAKE (101216940)							
	0.1 %	WG-17, 50 LB SK (100003623)							
	17.804 Gal	FRESH WATER							
4	Tail Cement	CMT - PREMIUM PLUS CEMENT (100012205)	150.0	sacks	14.8	1.33	6.25	6.0	6.25
	94 lbm	CMT - PREMIUM PLUS - CLASS C REG OR TYPE III, BULK (100012205)							
	0.5 %	HALAD(R)-322, 50 LB (100003646)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	6.245 Gal	FRESH WATER							
5	Water Displacement		63.00	bbl	8.33	.0	.0	6.0	

Calculated Values

Pressures

Volumes

Displacement	63	Shut In: Instant		Lost Returns	0	Cement Slurry	153	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	34	Actual Displacement	63	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	236

Rates

Circulating	5	Mixing	6	Displacement	6	Avg. Job	5.5
Cement Left In Pipe	Amount	1 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

*Steve Lehning* (LONG STRING CEMENT)

CIRCULATED 90 SACKS TO BIT

RECEIVED  
KANSAS CORPORATION COMMISSION

FEB 07 2008

CONSERVATION DIVISION  
WICHITA, KS

# HALLIBURTON

## Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2616848	Quote #:	Sales Order #: 5535739
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Perez, Noel	
Well Name: Hamlin	Well #: #4-3	API/UWI #: 15-093-21812	
Field: HUGOTON	City (SAP): UNKNOWN	County/Parish: Kearny	State: Kansas
Legal Description: Section 36 Township 24S Range 35W			
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: TRINIDAD DRILLING	Rig/Platform Name/Num: 216		
Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Production 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	
Arrive At Loc	12/07/2007 13:00							RIG WAS RUNNING CASING
Pre-Job Safety Meeting	12/07/2007 13:05							
Rig-Up Completed	12/07/2007 14:05							
Casing on Bottom	12/07/2007 15:30							
Circulate Well	12/07/2007 15:35							
Test Lines	12/07/2007 16:23							3000 PSI
Pump Spacer 1	12/07/2007 16:24		6		10		250.0	RIG WATER
Pump Spacer 1	12/07/2007 16:26		6		10		250.0	MUD FUSH
Pump Lead Cement	12/07/2007 16:27		6		118		250.0	230 SKS @ 11.4
Pump Tail Cement	12/07/2007 16:46		6		35			150 SKS @ 14.8
Clean Lines	12/07/2007 16:53							
Drop Plug	12/07/2007 16:57							
Pump Displacement	12/07/2007 17:00		6		63			RIG WATER SLOWED LAST 10 BBL TO 2 BBL MIN
Bump Plug	12/07/2007 17:13							BUMPED PLUG @ 600 TOOK TO 1500 PSI CHECKED FLOATS OK
End Job	12/07/2007 17:15							THANKS FOR CALLING HALLIBURTON ERIC & CREW

RECEIVED  
KANSAS CORPORATION COMMISSION

FEB 07 2008

CONSERVATION DIVISION  
WICHITA, KS

Sold To #: 303233

Ship To #: 2616848

Quote #:

Sales Order #: 5535739

SUMMIT Version: 7.20.130

Friday, December 07, 2007 05:22:00

# HALLIBURTON

## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Post-Job Safety Meeting (Pre Rig-Down)	12/07/2007 17:20							WE GOT 34 BBL CEMENT RETURNS OR 98 SKS

RECEIVED  
KANSAS CORPORATION COMMISSION

FEB 07 2008

CONSERVATION DIVISION  
WICHITA, KS

Sold To # : 303233

Ship To # : 2616848

Quote # :

Sales Order # :

5535739

SUMMIT Version: 7.20.130

Friday, December 07, 2007 05:22:00