

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

*Handwritten signature/initials*

OPERATOR: License # 32787  
Name: Kansas Natural Gas Operating, Inc.  
Address 1: P O Box 815  
Address 2: East Highway 56  
City: Sublette State: KS Zip: 67877 + 0815  
Contact Person: Mr. Steve Lehning  
Phone: ( 620 ) 675-8185  
CONTRACTOR: License # 33375 33784  
Name: Trinidad Drilling, L.P.  
Wellsite Geologist: Mr. Ron Osterbuhr  
Purchaser: BP-Amoco  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 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.  Conv. to SWD  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No.: \_\_\_\_\_  
 Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  

<u>12-5-08</u>	<u>12-7-08</u>	<u>12-17-08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 081-21845-0000  
Spot Description: NW-SE-NW-1/4  
NW SE NW - 1/4 Sec. 23 Twp. 29 S. R. 33  East  West  
1417 Feet from  North /  South Line of Section  
1323 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Haskell  
Lease Name: Wright Well #: 2-3  
Field Name: Hugoton-Chase Series  
Producing Formation: Chase Formation  
Elevation: Ground: 2932.3' Kelly Bushing: 2938.3'  
Total Depth: 2739' Plug Back Total Depth: 2730' KB  
Amount of Surface Pipe Set and Cemented at: 855' 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 Ait I ncr 2-26-09  
(Data must be collected from the Reserve Pit)  
Chloride content: NA ppm Fluid volume: 115 bbls  
Dewatering method used: Evaporate till dry - Backfill - Manure location  
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: Steve Lehning  
Title: Supt. Date: 1/14/09  
Subscribed and sworn to before me this 14<sup>th</sup> day of January,  
20 09.  
Notary Public: Kraig L. Gross  
Date Commission Expires: \_\_\_\_\_



KCC Office Use ONLY  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 16 2009

Operator Name: Kansas Natural Gas Operating, Inc. Lease Name: Wright Well #: 2-3  
 Sec. 23 Twp. 29 S. R. 33  East  West County: Haskell **JAN 16 2009**

CONSERVATION DIVISION

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving in WPA, HASK. 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>(Dual-Spaced Neutron)</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>T/PERMIAN</td> <td>783'</td> <td>2155'</td> </tr> <tr> <td>T/BLAINE</td> <td>1205'</td> <td>1733'</td> </tr> <tr> <td>B/STONE CORRAL</td> <td>1847'</td> <td>1091'</td> </tr> <tr> <td>T/HOLLENBERG</td> <td>2603'</td> <td>335'</td> </tr> <tr> <td>T/HERRINGTON</td> <td>2637'</td> <td>301'</td> </tr> <tr> <td>T/KRIDER</td> <td>2666'</td> <td>272'</td> </tr> <tr> <td>T/TWINFIELD</td> <td>2706'</td> <td>232'</td> </tr> </table>	Name	Top	Datum	T/PERMIAN	783'	2155'	T/BLAINE	1205'	1733'	B/STONE CORRAL	1847'	1091'	T/HOLLENBERG	2603'	335'	T/HERRINGTON	2637'	301'	T/KRIDER	2666'	272'	T/TWINFIELD	2706'	232'
Name	Top	Datum																							
T/PERMIAN	783'	2155'																							
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T/HERRINGTON	2637'	301'																							
T/KRIDER	2666'	272'																							
T/TWINFIELD	2706'	232'																							

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#	855' G.L.	Common-Varicem	210	2% CC-1/4# Flo-Cele
Production Pipe	7 7/8"	5 1/2"	15.5#	2732' G.L.	Common-Varicem	400	1% CC-1/4# Flo-Cele

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 (Amount and Kind of Material Used)	Depth
4/Per Foot	2638' - 2648' KB	Acid: 3,000 Gallons of 15% Fe-Acid and	
	2664' - 2674' KB	100 BBL. 2% KCL	
	2682' - 2686' KB KB=6'		
	2711' - 2717' KB (120 Holes)	Frac Job: 40,000# of 8/16 Premium Brown	
		Foam Frac @ 20 BPM W/1# - 4# per gallon	

TUBING RECORD: Size: <u>2 3/8" EUE. 8 Rd.</u> Set At: <u>2715' G.L.</u> Packer At: <u>None</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>Pending Pipeline Connection</u>		Producing Method: <input checked="" 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
		NA	

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" 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) _____	PRODUCTION INTERVAL: <u>2638'-2648' 2664'-2674' KB</u> <u>2682'-2686' 2711'-2717'KB</u>
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*Handwritten signature and date: 1/16/09*

Operator Name: Kansas Natural Gas Operating, Inc. Lease Name: Wright Well #: 2-3  
 Sec. 23 Twp. 29 S. R. 33  East  West County: Haskell

**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 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>R/TD</td> <td>2739'</td> <td>199'</td> </tr> <tr> <td>PBTD</td> <td>2730'</td> <td>208'</td> </tr> <tr> <td>REFERENCE ELEVATION</td> <td>2938'</td> <td></td> </tr> </table>	Name	Top	Datum	R/TD	2739'	199'	PBTD	2730'	208'	REFERENCE ELEVATION	2938'	
Name	Top	Datum											
R/TD	2739'	199'											
PBTD	2730'	208'											
REFERENCE ELEVATION	2938'												

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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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

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**JAN 16 2009**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed 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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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## DRILLING & GEOLOGICAL SUMMARY

Operator: Kansas Natural Gas Operating, Inc. License Number: 32787  
 Well Name & #: Wright #2-3 A.P.I. #: 15 - 081 - 21845 - 0000  
 Location: 1417' FNL / 1323' FWL /NW/ SE/NW Sec. 23 Twp. 29 S Rng. 33 W  
 Elevation@ Ground Level: 2932' Kelly Bushing: 2938' Ref. Datum: KB Depth: 2739' PBDT: 2730'  
 Drilling Spud Date: 12 - 05 - 2008 Drilling Completed Date: 12 - 07 - 2008  
 Contractor: Trinidad Drilling LP Rig # 211 License Number: 33784

Surface Casing Size: 8.625" Weight: 24 # Grade: J55 Depth Set @: 855'  
 Equip. & Cement: 'texas' pattern shoe, baffle plate, 3 centralizers, 1 cement basket  
160 sx of lead; 150 sx of tail w/ 2% CC - 1/4# Flo-Cele.  
 Circulated 60 sacks of cement to the surface. Surface Hole Deviation: 1 degrees.

Prod. Casing Size: 5.500" Weight: 15.5 # Grade: J55 Depth Set @: 2738'  
 Equip. & Cement: guide shoe w/integral latch-down baffle, 10 centralizers.  
250 sx of lead w/ 1% CC - 1/4# Flo-Cele; 150 sx w/ 1/4# Flo-Cele.  
 Circulated 58 sacks of cement to the surface. Total Depth Hole Deviation: .75 degrees.

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

Horizon	Depth (KB)	Datum	Remarks
T/PERMIAN	783	2155	
T/BLAINE	1205	1733	
B/STONE CORRAL	1847	1091	
T/HOLLENBERG	2603	335	
T/HERINGTON	2637	301	perforated 2638'-2648'
T/KRIDER	2666	272	perforated 2664'-2674', 2682'-2686'
T/WINFIELD	2706	232	perforated 2711'-2717'
T/TOWANDA			
T/FORT RILEY			
T/COUNCIL GROVE			
RTD	2739	199	
LTD	2730	208	
PBDT	2730	208	
REFERENCE ELEVATION	2938		

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**JAN 16 2009**  
 CONSERVATION DIVISION  
 WICHITA, KS

Perforations: 2638'-2648', 2664'-2674', 2682'-2686'; 2711'-2717' (all W/4 SPF)

Acid Treatment: 3000 gallons of 15% FE-MCA, max pressure was 2304#, avg pressure was 382#, max rate was 9.2 bpm, average rate was 6.5 bpm.

Frac. Treatment: 33,700# of 8/16 sand, 177 bbls of treated water, 304,447 scf nitrogen. avg treating pressure was 1305#, avg rate was 23.8 bpm.

Name: Kurt Osterbuhr Signed:  Date: 01 - 07 - 2009

(KCC)

CEMENT SURFACE CEMENT

# HALLIBURTON

## Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2695597	Quote #:	Sales Order #: 6360119
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Wright	Well #: 2-3	API/UWI #: 15-081-21845	
Field: HUGOTON GAS AREA	City (SAP): SUBLETTE	County/Parish: Haskell	State: Kansas
Legal Description: Section 23 Township 29S Range 33W			
Contractor: TRINIDAD DRILLING		Rig/Platform Name/Num: 211211	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: OLIPHANT, CHESTER	MBU ID Emp #: 243055

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARRILLO, EDUARDO	6	371263	MENDOZA, VICTOR	6	442596	OLIPHANT, CHESTER C	6	243055

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10219237	30 mile	10243558	30 mile	10704310	30 mile	10866807	30 mile
D0565	30 mile						

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
12-5-08	2	0	12-6-08	4	1			
<b>TOTAL</b>				Total is the sum of each column separately				

### Job

Formation Name				Job Times			
Formation Depth (MD)	Top	Bottom		Called Out	Date	Time	Time Zone
Form Type	BHST			On Location	05 - Dec - 2008	19:00	CST
Job depth MD	852. ft	Job Depth TVD	852. ft	Job Started	05 - Dec - 2008	22:00	CST
Water Depth		Wk Ht Above Floor	4. ft	Job Completed	06 - Dec - 2008	02:30	CST
Perforation Depth (MD)	From	To		Departed Loc	06 - Dec - 2008	03:25	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					820.		
Surface Casing	New		8.625	8.097	24.	8 RD (ST&C)	Unknown		820.		

### 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		RECEIVED KANSAS CORPORATION COMMISSION JAN 16 2009 CONSERVATION DIVISION WICHITA, KS
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		
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	8.66	1		852	Packer					Top Plug	8.66	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float	8.66	1	HES	810						Plug Container	8.66	1	HES
Stage Tool										Centralizers	8.66	5	HES

# 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	VARICEM (TM) CEMENT (452009)	160.0	sacks	11.4	2.95	18.09	6.0	18.09
	0.1 %	WG-17, 50 LB SK (100003623)							
	3 %	CALCIUM CHLORIDE - HI TEST PELLETT (100005053)							
	0.5 lbm	POLY-E-FLAKE (101216940)							
	18.09 Gal	FRESH WATER							
3	Tail Cement	HALCEM (TM) SYSTEM (452986)	150.0	sacks	14.8	1.34	6.32	6.0	6.32
	2 %	CALCIUM CHLORIDE - HI TEST PELLETT (100005053)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	6.324 Gal	FRESH WATER							
4	Displacement		52.00	bbl	8.33	.0	.0	6.0	

Calculated Values		Pressures		Volumes					
Displacement	51.5	Shut In: Instant		Lost Returns		Cement Slurry	120	Pad	
Top Of Cement	0	5 Min		Cement Returns	30	Actual Displacement	52	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	182

### Rates

Circulating	5	Mixing	7	Displacement	5	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



**CEMENT RETURNS 60 SACKS  
TO PIT**

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KANSAS CORPORATION COMMISSION

JAN 16 2009

CONSERVATION DIVISION  
WICHITA, KS

# HALLIBURTON

## Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2695597	Quote #:	Sales Order #: 6360119
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Wright	Well #: 2-3	API/UWI #: 15-081-21845	
Field: HUGOTON GAS AREA	City (SAP): SUBLETTE	County/Parish: Haskell	State: Kansas
Legal Description: Section 23 Township 29S Range 33W			
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: 211211		
Job Purpose: Cement Surface Casing		Ticket Amount:	
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: HESTON, MYRON	Srvc Supervisor: OLIPHANT, CHESTER	MBU ID Emp #: 243055	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/05/2008 19:00							KANSAS NATURAL GAS / WRIGHT 2-3 / 4 HR CALL / ROL 23:00
Safety Huddle	12/05/2008 21:00							JOURNEY MANAGEMENT / PRETRIP EQUIPT. / LOAD 8 5/8 PLUG CONTAINER AND 5 1/2 FLOAT EQUIPMENT
Arrive At Loc	12/05/2008 22:00							CONSULT WITH CUSTOMER / VERIFY ALL PRODUCTS ON LOCATION / COLLECT JOB DATA
Assessment Of Location Safety Meeting	12/05/2008 22:05							IDENTIFY LOCATION HAZARDS / BEST PLACEMENT OF EQUIPMENT / START ALL MOTORS BUT DO NOT PRIME UP DUE TO FREEZING TEMPERATURES
Safety Meeting - Pre Rig-Up	12/05/2008 22:10							DISCUSS LOCATION HAZARDS / PINCH POINTS / TEAM LIFT / USING SPOTTERS / VICTOR MENDOZA HELD RIG UP MEETING
Rig-Up Equipment	12/05/2008 22:15							SPOT TRUCKS AND LAY LINES FOLLOWING SAFETY GUIDELINES

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CONSERVATION DIVISION  
WICHITA, KS

Sold To #: 303233

Ship To #: 2695597

Quote #:

Sales Order #:

6360119

SUMMIT Version: 7.20.130

Saturday, December 06, 2008 04:02:00

# HALLIBURTON

## Cementing Job Log

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	12/05/2008 23:00							RIG LAYING DOWN DRILL PIPE / RIG UP TO RUN CASING / RUN 8 5/8 CASING AND FLOAT EQUIPT.
Wait on Customer or Customer Sub-Contractor Equipm	12/06/2008 02:00							CASING SET ON BOTTOM @ 852 FT / RIG UP PLUG CONTAINER AND LINES TO MUD / BEGIN CONDITIONING HOLE
Safety Meeting - Pre Job	12/06/2008 02:25							DISCUSS JOB PROCEDURE / HAZARDS / SHUT DOWN AND RECOVERY
Start Job	12/06/2008 02:39							8 5/8 SURFACE CASING / 24# 852 FT / 42 FT SHOE
Test Lines	12/06/2008 02:40						3000.0	MAXIMUM PRESSURE SET @ 1500 PSI / TEST LINES TO 3000 PSI
Pump Spacer 1	12/06/2008 02:44		6	10	0		110.0	FRESH WATER SPACER
Pump Lead Cement	12/06/2008 02:46		7	84	10		180.0	160 SK MIDCON II MIXED @ 11.4 PPG
Pump Tail Cement	12/06/2008 03:00		7	36	94		225.0	150 SK PREM PLUS MIXED @ 14.8 PPG
Shutdown	12/06/2008 03:05				130		65.0	FINISHED MIXING CEMENT
Drop Top Plug	12/06/2008 03:06							HWE TOP PLUG / VERIFY PLUG LEFT HEAD
Pump Displacement	12/06/2008 03:11		5	52	0		60.0	FRESH WATER DISPLACEMENT
Stage Cement	12/06/2008 03:21		2		42	245.0	200.0	SLOW RATE TO 2 BPM TO LAND PLUG
Bump Plug	12/06/2008 03:25		2		52		265.0	FINISH DISPLACEMENT
Pressure Up	12/06/2008 03:26						800.0	TEST FLOAT
Release Casing Pressure	12/06/2008 03:27				52		.0	FLOAT HOLDING / CIRCULATED 30 BBL CEMENT TO PIT 60 SACKS

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KANSAS CORPORATION COMMISSION  
JAN 16 2009  
CONSERVATION DIVISION  
WICHITA, KS

Sold To # : 303233

Ship To # : 2695597

Quote # :

Sales Order # : 6360119

SUMMIT Version: 7 20.130

Saturday, December 06, 2008 04:02:00



# HALLIBURTON

## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Safety Meeting - Pre Rig-Down	12/06/2008 03:30							DISCUSS PINCH POINTS / LINE OF FIRE / FATIGUE / REVIEW JOURNEY MANAGEMENT
Rig-Down Equipment	12/06/2008 03:35							TEAR DOWN LINES FOLLOWING SAFETY GUIDELINES
Rig-Down Completed	12/06/2008 03:55							PREPARE TO LEAVE LOCATION
Depart Location for Service Center or Other Site	12/06/2008 03:59							THANK YOU FOR CALLING HALLIBURTON
End Job	12/06/2008 04:00							CHESTER AND CREW

RETURNED 60 SACKS  
TO PIT

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KANSAS CORPORATION COMMISSION  
JAN 16 2009  
CONSERVATION DIVISION  
WICHITA, KS

Sold To # : 303233

Ship To # : 2695597

Quote # :

Sales Order # :

6360119

SUMMIT Version: 7.20.130

Saturday, December 06, 2008 04:02:00

# HALLIBURTON

# Cementing Job Summary

CEMENT LONG STRING

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2695597	Quote #:	Sales Order #: 6361570
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Wright	Well #: 2-3	API/UWI #: 15-081-21845	
Field: HUGOTON GAS AREA	City (SAP): SUBLETTE	County/Parish: Haskell	State: Kansas
Legal Description: Section 23 Township 29S Range 33W			
Contractor: TRINIDAD DRILLING		Rig/Platform Name/Num: 211	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: FERGUSON, ROSCOE	MBU ID Emp #: 106154

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
FERGUSON, ROSCOE G	5.6	106154	FLORES, RUBEN Estrada	4.75	447193	MATA, ADOLFO V	5.6	419999
MENDOZA, VICTOR	4.75	442596						

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10243558	30 mile	10244148	30 mile	10286731	30 mile	10714277C	30 mile
10825713	30 mile	11019295	30 mile	75819	30 mile	D0132	30 mile

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
12-07-08	5.6	2						
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	07 - Dec - 2008	10:50	CST
Form Type			BHST	Job Started	07 - Dec - 2008	14:03	CST
Job depth MD	2730. ft		Job Depth TVD	2730. ft	Job Completed	07 - Dec - 2008	15:07
Water Depth			Wk Ht Above Floor	5. ft	Departed Loc	07 - Dec - 2008	16:30
Perforation Depth (MD)	From		To				

### Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbf/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Production Hole				7.875				820.	2750.		
Production Casing	New		5.5	5.012	15.5	8 RD (LT&C)	J-55	.	2750.		
Surface Casing	New		8.625	8.097	24.	8 RD (ST&C)	Unknown	.	820.		

### 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		

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CONSERVATION DIVISION  
WICHITA, KS

# HALLIBURTON

# Cementing Job Summary

Tools and Accessories														
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	
Guide Shoe		1			Packer					Top Plug		1		
Float Shoe					Bridge Plug					Bottom Plug				
Float Collar					Retainer		1			SSR plug set				
Insert Float										Plug Container		1		
Stage Tool										Centralizers		10		
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					bbl	8.33	.0	.0	6.0				
2	MUD FLUSH III	MUD FLUSH II - SBM (508007)				bbl	8.4	.0	.0	6.0				
3	Lead Cement	VARICEM (TM) CEMENT (452009)			2.50	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	HALCEM (TM) SYSTEM (452986)			150	sacks	14.8	1.33	6.25	6.0	6.25			
	0.5 %	HALAD(R)-322, 50 LB (100003646)												
	0.25 lbm	POLY-E-FLAKE (101216940)												
	6.245 Gal	FRESH WATER												
5	Displacement					bbl	8.33	.0	.0	.0				
	2 lbm/bbl	SUGAR - GRANULATED, 10 LB BAG (101507884)												
6	Displacement					bbl	8.33	.0	.0	6.0				
Calculated Values			Pressures			Volumes								
Displacement	65	Shut In: Instant			Lost Returns			Cement Slurry		166	Pad			
Top Of Cement	SURFACE	5 Min			Cement Returns			30	Actual Displacement		65	Treatment		
Frac Gradient		15 Min			Spacers			20	Load and Breakdown		Total Job 251			
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									

CEMENT LONG STRING  
30 BARRELS BACK TO PIT

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JAN 16 2009

CONSERVATION DIVISION  
WICHITA, KS

# HALLIBURTON

## Cementing Job Log

The Road to Excellence Starts with Safety

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Well Name: Wright	Well #: 2-3	API/UWI #: 15-081-21845	
Field: HUGOTON GAS AREA	City (SAP): SUBLETTE	County/Parish: Haskell	State: Kansas
Legal Description: Section 23 Township 29S Range 33W			
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: 211		
Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well	Job Type: Cement Production Casing		
Sales Person: HESTON, MYRON	Srv Supervisor: FERGUSON, ROSCOE	MBU ID Emp #: 106154	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/07/2008 12:26							CALLED BY DISPATCH
Pre-Convoy Safety Meeting	12/07/2008 12:26							DISCUSS ROUTE, ROAD HAZARDS, ETC
Arrive at Location from Service Center	12/07/2008 12:26							RIG OUT OF HOLE WITH DRILL PIPE GETTING READY TO RUN CASING
Assessment Of Location Safety Meeting	12/07/2008 12:26							DECIDE WHERE TO SPOT TRUCKS GET PUMP TRUCK SPOTTED
Rig-Up Equipment	12/07/2008 12:35							LAY WATER HOSE, SOME IRON
Pre-Job Safety Meeting	12/07/2008 13:50							WITH RIG CREW
Rig-Up Completed	12/07/2008 13:57							PLUG CONTAINER HOOKED UP TO PUMP TRUCK
Test Lines	12/07/2008 14:04							3000 PSI
Pump Spacer 1	12/07/2008 14:07		3.5	10			95.0	FRESH WATER
Pump Spacer 2	12/07/2008 14:11		5.5	10			150.0	MUD FLUSH
Pump Lead Cement	12/07/2008 14:13		6	129			110.0	VARICEM @ 11.4 ppg
Pump Tail Cement	12/07/2008 14:35		6	35.5			200.0	HALCEM @ 14.8 ppg
Clean Lines	12/07/2008 14:42							TO DITCH
Drop Top Plug	12/07/2008 14:48							

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JAN 16 2009  
CONSERVATION DIVISION  
WICHITA, KS

Sold To #: 303233

Ship To #: 2695597

Quote #:

Sales Order #:

6361570

SUMMIT Version: 7.20.130

Sunday, December 07, 2008 03:47:00

# HALLIBURTON

## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	12/07/2008 14:49		5.6	55			300.0	FRESH WATER
Slow Rate	12/07/2008 15:00		2	10	65		600.0	TO LAND PLUG, PRESSURE DROP TO 480 PSI
Bump Plug	12/07/2008 15:04		2				700.0	PRESSURED UP TO 1400 PSI
Check Floats	12/07/2008 15:05							HELD
End Job	12/07/2008 15:07							THANKS FOR CALLING HALLIBURTON
Post-Job Safety Meeting (Pre Rig-Down)	12/07/2008 15:10							
Rig-Down Equipment	12/07/2008 15:14							
Depart Location for Service Center or Other Site	12/07/2008 16:30							

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JAN 16 2009

CONSERVATION DIVISION  
WICHITA, KS

Sold To #: 303233

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Sunday, December 07, 2008 03:47:00