

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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, LP.
License: 33784
Wellsite Geologist: Ron Ostebuhr

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____

11-17-2007	11-19-2007	1-8-2008
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 055-21954-0000
County: Finney
SE NW NE 1/4 Sec. 29 Twp. 24 S. R. 34 East West
1288' feet from S / N (circle one) Line of Section
1775' 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 #: 5-3
Field Name: Hugoton

Producing Formation: Chase Formation
Elevation: Ground: 2940.6' Kelly Bushing: 2952' KB
Total Depth: 2635' Plug Back Total Depth: 2624' KB
Amount of Surface Pipe Set and Cemented at 941' 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.

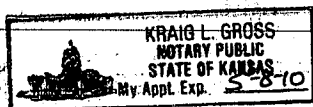
Drilling Fluid Management Plan AH. I SB
(Data must be collected from the Reserve Pit) 3-25-08
Chloride content NA ppm Fluid volume 105 bbls
Dewatering method used Evaporate Till Dry - Backfill

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: Steve Lehning
Title: Supt. Date: 1/14/08
Subscribed and sworn to before me this 11th day of January,
20 08.
Notary Public: Kraig Gross
Date Commission Expires: _____



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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copy to Jim **JAN 17 2008**

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Kansas Natural Gas Operating, Inc. Lease Name: Hamlin Well #: 5-3
 Sec. 29 Twp. 24 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 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: (Dual - Spaced Gamma Ray Neutron)	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table border="0" style="width: 100%;"> <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>852'</td> <td>2101'</td> </tr> <tr> <td>T-Blaine</td> <td>1280'</td> <td>1673'</td> </tr> <tr> <td>B-Stone Corral</td> <td>1888'</td> <td>1065'</td> </tr> <tr> <td>T-Hollenberg</td> <td>2430'</td> <td>523'</td> </tr> <tr> <td>T-Herrington</td> <td>2456'</td> <td>497'</td> </tr> <tr> <td>T-Krider</td> <td>2480'</td> <td>473'</td> </tr> <tr> <td>T-Winfield</td> <td>2514'</td> <td>439'</td> </tr> </table>	Name	Top	Datum	T-Permian	852'	2101'	T-Blaine	1280'	1673'	B-Stone Corral	1888'	1065'	T-Hollenberg	2430'	523'	T-Herrington	2456'	497'	T-Krider	2480'	473'	T-Winfield	2514'	439'
Name	Top	Datum																							
T-Permian	852'	2101'																							
T-Blaine	1280'	1673'																							
B-Stone Corral	1888'	1065'																							
T-Hollenberg	2430'	523'																							
T-Herrington	2456'	497'																							
T-Krider	2480'	473'																							
T-Winfield	2514'	439'																							

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used (CONTINUED)							
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 Prem. Lite	355	3 % Cal. Chloride
Production Pipe	7 7/8"	5 1/2"	15.5 #	2623' 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				

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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)
(4) Shot/P Foot	2463' - 2471' KB	Acid: 3,600 Gallons of 15% FE-MA and 90 Barrels of 2% KCL.
	2482' - 2492' KB (144 Holes)	
	2516' - 2526' KB	Frac: Delta Foam Frac W/ 100,000 of Premium 12/20 Sand @ 40 BPM Rate
	2582' - 2590' KB KB = 12	

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 WICHITA, KS
 Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8" EUE. 8 Rd	2585'	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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 2463' KB - 2590' KB

Operator Name: Kansas Natural Gas Operating, Inc. Lease Name: Hamlin Well #: 5-3
 Sec. 29 Twp. 24 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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)
 List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 T-Towanda 2577' 376'
 RTD: 2635' 318'
 LTD: 2624' 329'
 PBDT: 2624' 329'

(CONTINUED FROM FIRST PAGE)

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 (Amount and Kind of Material Used)	Depth

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 WICHITA, KS

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 METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Submit ACO-18.) Other (Specify) _____

DRILLING & GEOLOGICAL SUMMARY

Operator: Kansas Natural Gas Gathering, Inc. License Number: 32787
 Well Name & #: Hamlin #5-3 A.P.I. #: 15 - 055 - 21954 - 0000
 Location: 1288' FNL / 1775' FEL / SE/NW/NE Sec. 29 Twp. 24 S Rng. 34 W
 Elevation@ Ground Level: 2941' Kelly Bushing: 2953' Ref. Datum: KB Depth: 2635' PBDT: 2624'
 Drilling Spud Date: 11 - 17 - 2007 Drilling Completed Date: 11 - 19 - 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 #20 of 22.
200 sx of lead; 155 sx of tail w/ 3% CC - 1/4# Flo-Cele.
 Circulated 21 sacks of cement to the surface. Surface Hole Deviation: 2 degrees.

Prod. Casing Size: 5.500" Weight: 15.5 # Grade: J-55 Depth Set @: 2635'
 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 58 sacks of cement to the surface. Total Depth Hole Deviation: 3/4 degrees.

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

Horizon	Depth (KB)	Datum	Remarks
T/PERMIAN	852	2101	
T/BLAINE	1280	1673	
B/STONE CORRAL	1888	1065	
T/HOLLENBERG	2430	523	
T/HERINGTON	2456	497	perforate 2463'-2471'
T/KRIDER	2480	473	perforate 2482'-2492'
T/WINFIELD	2514	439	perforate 2516'-2526'
T/TOWANDA	2577	376	perforate 2582'-2590'
T/FORT RILEY			
T/COUNCIL GROVE			
RTD	2635	318	
LTD	2624	329	
PBDT	2624	329	
REFERENCE ELEVATION	2953		

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Perforations: 2463'-2471', 2482'-2492', 2516'-2526', 2582'-2590' all w/4 SPF

Acid Treatment: 3487 gallons of 15% FE-MCA, max pressure was 1885#, max rate was 11.7 BPM,
good ball action.

Frac. Treatment: 100,200# of 12/20 sand, 346 bbls of treated water, 479,222 scf nitrogen.
max pressure was 1411#, max rate was 43.56 BPM.

Name: Kurt Osterbuhr Signed:  Date: 01 - 07 - 2008

CEMENT SURFACE Pipe

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2613375	Quote #:	Sales Order #: 5501815
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Hamlin	Well #: #5-3	API/UWI #: 15-055-21954	
Field: HUGOTON	City (SAP): GARDEN CITY	County/Parish: Finney	State: Kansas
Legal Description: Section 29 Township 24S Range 34W			
Contractor: Trinidad		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: SMITH, BOBBY	MBU ID Emp #: 106036

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
GRAVES, JEREMY L	6.5	399155	SMITH, BOBBY Wayne	6.5	106036	TORRES, CLEMENTE	6.5	344233

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

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

Formation Name	Formation Depth (MD) Top	Bottom	Called Out	Date	Time	Time Zone
	900. ft		On Location	18 - Nov - 2007	04:30	CST
Form Type		BHST	Job Started	18 - Nov - 2007	07:30	CST
Job depth MD		Job Depth TVD	Job Started	18 - Nov - 2007	11:45	CST
Water Depth		Wk Ht Above Floor	Job Completed	18 - Nov - 2007	11:34	CST
Perforation Depth (MD) From		To	Departed Loc	18 - Nov - 2007	14:00	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.		
Surface Hole				12.25					900.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA	1	EA		RECEIVED
SHOE, CSG, TIGER TOOTH, 8 5/8 IN 8RD	1	EA		KANSAS CORPORATION COMMISSION
VLVASSY, INSR FLOAT, 8-5/8 8RD, 24 lbs/ft	1	EA		JAN 17 2008
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		CONSERVATION DIVISION
KIT, HALL WELD-A	1	EA		WICHITA, KS

Tools and Accessories

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

Miscellaneous Materials

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

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Pre-Flush		0.00	bbl	8.33	.0	.0	6.0	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	200.0	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	HALCEM (TM) SYSTEM (452986)	155.0	sacks	14.8	1.34	6.32	6.0	6.32
	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 <i>Dary Clement</i>					

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CONSERVATION DIVISION
WICHITA, KS

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2613375	Quote #:	Sales Order #: 5501815
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Hamlin	Well #: #5-3	API/UWI #: 15-055-21954	
Field: HUGOTON	City (SAP): GARDEN CITY	County/Parish: Finney	State: Kansas
Legal Description: Section 29 Township 24S Range 34W			
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	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		Srvc Supervisor: SMITH, BOBBY	MBU ID Emp #: 106036

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	11/18/2007 04:30							
Safety Meeting - Service Center or other Site	11/18/2007 06:00							
Arrive at Location from Other Job or Site	11/18/2007 07:30							
Assessment Of Location Safety Meeting	11/18/2007 07:30							rig pulling drill pipe
Safety Meeting - Pre Rig-Up	11/18/2007 07:35							pump truck
Other	11/18/2007 08:45							Casing going in the hole. Float equipment started.
Other	11/18/2007 10:00							bulk trucks on location
Safety Meeting - Pre Rig-Up	11/18/2007 10:05							bulk trucks
Other	11/18/2007 11:00							Casing on bottom. Rig down casing crew. rig circulating
Safety Meeting	11/18/2007 11:30							location
Start Job	11/18/2007 11:45							
Test Lines	11/18/2007 11:47							kick outs 2000
Pump Spacer 1	11/18/2007 11:48		4	10			75.0	water
Pump Lead Cement	11/18/2007 11:52		7	105.0 8			150.0	200 sk 11.4 #
Pump Tail Cement	11/18/2007 12:07		6	36.99			200.0	155 sk 14.8 #
Drop Plug	11/18/2007 12:13							

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CONSERVATION DIVISION
WICHITA, KS

Sold To #: 303233

Ship To #: 2613375

Quote #:

Sales Order #: 5501815

SUMMIT Version: 7.20.130

Sunday, November 18, 2007 01:09:00

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	11/18/2007 12:14		6	56.94	0		75.0	water
Other	11/18/2007 12:27		2		46	300.0	250.0	Slow down rate.
Bump Plug	11/18/2007 12:33		2		56.94	300.0	1400.0	
Check Floats	11/18/2007 12:34							float held
End Job	11/18/2007 12:34							5 bbls of cement to surface. 5 bbls = 21 sks
Safety Meeting - Pre Rig-Down	11/18/2007 12:40							
Safety Meeting - Departing Location	11/18/2007 14:30							
Depart Location for Service Center or Other Site	11/18/2007 14:30							Thank you for calling Halliburton. Bob Smith and crew.

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CONSERVATION DIVISION
WICHITA, KS

Sold To # : 303233

Ship To # : 2613375

Quote # :

Sales Order # :

5501815

SUMMIT Version: 7.20.130

Sunday, November 18, 2007 01:09:00

HALLIBURTON

Cementing Job Summary

sdThe Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2613375	Quote #:	Sales Order #: 5501827
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Hamlin	Well #: #5-3	API/UWI #: 15-055-21954	
Field: HUGOTON	City (SAP): GARDEN CITY	County/Parish: Finney	State: Kansas
Legal Description: Section 29 Township 24S Range 34W			
Contractor: Trinidad		Rig/Platform Name/Num: 216 216	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: SMITH, LARRY		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 #
ARCHULETA, MIGUEL A	6.5	226381	BYRD, JOHN A	6.5	361417	CHAVEZ, ERIK Adrain	6.5	324693
FERGUSON, ROSCOE G	6.5	106154	OLIPHANT, CHESTER C	6.5	243055			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10240245	80 mile	10243558	80 mile	10244148	80 mile	10704310	80 mile
10744298C	80 mile	10988832	80 mile	6612	80 mile	D0601	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	19 - Nov - 2007	11:30	CST
Form Type			BHST	On Location	19 - Nov - 2007	15:30	CST
Job depth MD	2640. ft		Job Depth TVD	2640. ft	Job Started	19 - Nov - 2007	19:45
Water Depth			Wk Ht Above Floor	4. ft	Job Completed	19 - Nov - 2007	21:00
Perforation Depth (MD)	From		To		Departed Loc	19 - Nov - 2007	22:00

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.	2640.		
Production Casing	New		5.5	4.95	15.5	8 RD (LT&C)	J-55		2640.		

Sales/Rental/3rd 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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JAN 17 2008

Tools and Accessories

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

Miscellaneous Materials

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

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Pre-Flush		0.00	bbl	8.33	.0	.0	6.0	
2	Mud Flush	MUD FLUSH - ZI - SBM (13383)	10.00	bbl	8.4	.0	.0	.0	
3	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	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	HALCEM (TM) SYSTEM (452986)	150.0	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	Water Displacement		0.00	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

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JAN 17 2008

CONSERVATION DIVISION
WICHITA, KS

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2613375	Quote #:	Sales Order #: 5501827
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Hamlin	Well #: #5-3	API/UWI #: 15-055-21954	
Field: HUGOTON	City (SAP): GARDEN CITY	County/Parish: Finney	State: Kansas
Legal Description: Section 29 Township 24S Range 34W			
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		Rig/Platform Name/Num: 216 216	
Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: SMITH, LARRY		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	11/19/2007 11:30							
Safety Meeting	11/19/2007 12:30							
Arrive at Location from Service Center	11/19/2007 15:30							
Wait on Customer or Customer Sub-Contractor Equip	11/19/2007 15:31							RIG RUNNING CSG
Assessment Of Location Safety Meeting	11/19/2007 15:35							
Safety Meeting - Pre Rig-Up	11/19/2007 15:40							
Rig-Up Equipment	11/19/2007 15:45							
Wait on Customer or Customer Sub-Contractor Equipm	11/19/2007 19:00							CSG ON BOTTOM @ 2649FT
Safety Meeting - Pre Job	11/19/2007 19:30							
Start Job	11/19/2007 19:47							
Test Lines	11/19/2007 19:48						5000.0	
Pump Spacer 1	11/19/2007 19:50		5	10	0		160.0	FRESH WATER
Pump Spacer 2	11/19/2007 19:52		5	10	10		180.0	Mud-Flush
Pump Lead Cement	11/19/2007 19:55		6	118	20		220.0	230 SKS @ 11.4 LB/GAL
Pump Tail Cement	11/19/2007 20:18			36	138		120.0	150 SKS @ 14.8 LB/GAL

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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	
Shutdown	11/19/2007 20:25				174		120.0	FINISH MIXING CEMENT
Clean Lines	11/19/2007 20:26							
Drop Top Plug	11/19/2007 20:28							LATCH DOWN PLUG
Pump Displacement	11/19/2007 20:30		6	62	0		30.0	FRESH WATER
Displ Reached Cmnt	11/19/2007 20:36		6		30		115.0	
Stage Cement	11/19/2007 20:40		2		52	530.0	425.0	SLOW RATE TO LAND PLUG
Bump Plug	11/19/2007 20:45		2		62		660.0	
Pressure Up	11/19/2007 20:46						1500.0	TEST FLOATS
Release Casing Pressure	11/19/2007 20:47				62		.0	FLOAT HOLDING / CIRCULATED 58 SKS TO PIT
Safety Meeting - Pre Rig-Down	11/19/2007 20:50							
Rig-Down Equipment	11/19/2007 20:55							THANK YOU FOR CALLING HALLIBURTON
End Job	11/19/2007 22:00							CHESTER AND CREW

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WICHITA, KS

Sold To # : 303233

Ship To # : 2613375

Quote # :

Sales Order # :

5501827

SUMMIT Version: 7.20.130

Mondav. November 19. 2007 09:27:00