

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

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 32787
Name: Kansas Natural Gas Operating, Inc.
Address: P. O. Box 815
City/State/Zip: Sublette, KS 67877
Purchaser: None
Operator Contact Person: Steve Lehning
Phone: (620) 675-8185
Contractor: Name: Trinidad Drilling, LP.
License: 33784
Wellsite Geologist: Ron Osteubuhr

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. _____

11-5-2007	11-7-2007	11-18-2007
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 081-21761-0000
County: Haskell
SW NE SE 1/4 Sec. 13 Twp. 30 S. R. 32 ☐ East ☒ West
1435' 1400' feet from (S) / N (circle one) Line of Section
1250' 1265' feet from (E) / W (circle one) Line of Section
GPS logs SB
Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW
Lease Name: Stevens Well #: B-2
Field Name: Hugoton
Producing Formation: Chase Formation
Elevation: Ground: 2855' Kelly Bushing: 2867' KB
Total Depth: 2728' KB Plug Back Total Depth: 2720' KB
Amount of Surface Pipe Set and Cemented at 686' 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 AH. I SB
(Data must be collected from the Reserve Pit) 3-25-08
Chloride content NA ppm Fluid volume 125 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: Supr. Date: 1-15-08
Subscribed and sworn to before me this 15th day of January,
2008.
Notary Public: Kraig L. Gross
Date Commission Expires: _____



KCC Office Use ONLY	
<u>N</u>	Letter of Confidentiality Received
<input checked="" type="checkbox"/>	If Denied, Yes <input type="checkbox"/> Date: _____
<input checked="" type="checkbox"/>	Wireline Log Received
<input type="checkbox"/>	Geologist Report Received
<input type="checkbox"/>	UIC Distribution
RECEIVED KANSAS CORPORATION COMMISSION JAN 17 2008 copy to Jim CONSERVATION DIVISION WICHITA, KS	

Operator Name: Kansas Natural Gas Operating, Inc. Lease Name: Stevens Well #: B-2
 Sec. 13 Twp. 30 S. R. 32 ☐ 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 ☐ 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:

(Dual - Spaced Gamma Ray Neutron)

☐ Log Formation (Top), Depth and Datum ☒ Sample

Name	Top	Datum
T-Permian	698'	2169'
T-Blaine	1111'	1756'
B-Stone Corral	1784'	1083'
T-Hollenberg	2629'	238'
T-Herrington	2658'	209'
T-Krider	2682'	185'

(CONTINUED)

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 #	686' G.L.	Econocem Lite	350	3 % Cal. Chloride
Production Pipe	7 7/8"	5 1/2"	15.5 #	2715' G.L.	Econocem Premium	425	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 (Amount and Kind of Material Used)	Depth
(4) Shot/P Foot	2660' - 2670' KB	Acid: 2400 Gallons of 15% FE-MUD ACID	
	2684' - 2692' KB (96 - Holes)	and 90 Barrels of 2% KCL. Flush	
	2702' - 2708' KB KB = 12'		
		Frac: Slicr-Water 20,000 # 16/30	
		Premium Sand @ 20 BBLS. P/Minute Rate	
TUBING RECORD		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Size	Set At	Packer At	
2 3/8" EUE. 8 Rd	2697' G.L.	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

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☒ Used on Lease
 (If vented, Submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 2660' - 2708' KB
☐ Other (Specify) _____

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DRILLING & GEOLOGICAL SUMMARY

Operator: Kansas Natural Gas Gathering, Inc. License Number: 32787
 Well Name & #: Stevens #B-2 A.P.I. #: 15 - 081 - 21761 - 0000
 Location: 1435' F.S.L. / 1250' F.E.L. / SW/ NE/ SE Sec. 13 Twp. 30 S Rng. 32 W
 Elevation@ Ground Level: 2855' Kelly Bushing: 2867' Ref. Datum: KB Depth: 2728' PBSD: 2720'
 Drilling Spud Date: 11 - 05 - 2007 Drilling Completed Date: 11 - 07 - 2007
 Contractor: Trinidad Drilling LP Rig # 216 License Number: 33784

Surface Casing Size: 8.625" Weight: 24 # Grade: J-55 Depth Set @: 698'
 Equip. & Cement: 'texas' pattern shoe, baffle plate, 3 centralizers, basket on #14 of 16.
200 sx of lead; 150 sx of tail w/ 3% CC - 1/4# Flo-Cele.
 Circulated 28 sacks of cement to the surface. Surface Hole Deviation: 3/4 degrees.

Prod. Casing Size: 5.500" Weight: 15.5 # Grade: J-55 Depth Set @: 2728'
 Equip. & Cement: guide shoe w/integral latch-down baffle, 10 centralizers.
275 sx of lead w/ 3% CC - 1/4# Flo-Cele; 150 sx w/ 1/4# Flo-Cele.
 Circulated 44 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	698	2169	
T/BLAINE	1111	1756	
B/STONE CORRAL	1784	1083	
T/HOLLENBERG	2629	238	
T/HERINGTON	2658	209	perforate 2660'-2670'
T/KRIDER	2682	185	perforate 2684'-2692', 2702'-2708'
T/WINFIELD			
T/TOWANDA			
T/FORT RILEY			
T/COUNCIL GROVE			
RTD	2728	139	
LTD	2720	147	
PBSD	2720	147	
REFERENCE ELEVATION	2867		

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Perforations: 2660'-2670', 2684'-2692', 2702'-2708' all W/4 SPF

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Acid Treatment: 2405 gallons of 15% FE-MCA, max pressure was 2281#, max rate was 7 BPM,
good ball action with ball-off.

Frac. Treatment: 20,887# of 16/30 sand, 258 bbls of treated water, 257,851 scf nitrogen. max
pressure was 1105#, max rate was 24.8 BPM.

Name: Kurt Osterbuhr Signed: [Signature] Date: 01 - 05 - 2008

(Kcc)

HALLIBURTON**Cementing Job Summary***The Road to Excellence Starts with Safety*

Sold To #: 303233	Ship To #: 2610504	Quote #:	Sales Order #: 5474184
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Stevens	Well #: # B-2	API/UWI #: 15-081-21761	
Field: HUGOTON	City (SAP): SUBLETTE	County/Parish: Haskell	State: Kansas
Legal Description: Section 13 Township 30S Range 32W			
Contractor: Cheyenne		Rig/Platform Name/Num: 16	
Job Purpose: Cement Surface Casing		(CEMENT SURFACE PIPE)	
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HESTON, MYRON		Srv Supervisor: WILLE, DANIEL	MBU ID Emp #: 225409

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ARCHULETA, MIGUEL A	5	226381	DAHLQUIST, ERIC K	5	316597	FERGUSON, ROSCOE G	5	106154
LOPEZ, JUAN Rosales	3	198514	WILLE, DANIEL C	5	225409			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10219241	30 mile	10243558	30 mile	10251403C	30 mile	10704310	30 mile
6611U	30 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11/5/07	2.5	1	11/6/07	2.5	2			
TOTAL			Total is the sum of each column separately					

Job**Job Times**

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To	Called Out	Date	Time	Time Zone
				BHST	682.6 ft	682.6 ft					On Location	06 - Nov - 2007	21:15	CST
						4. ft					Job Started	06 - Nov - 2007	01:06	CST
											Job Completed	06 - Nov - 2007	01:58	CST
											Departed Loc	06 - Nov - 2007	03:00	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		700.		
Surface Hole				12.25					700.		

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		
SHOE,CSG,TIGER TOOTH,8 5/8 IN 8RD	0	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		

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Tools and Accessories

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

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 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)	145.0	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)	150.0	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		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						

(CIRCULATED (28) SACKS BACK TO PIT)

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HALLIBURTON

STEVEN'S B-#2
8 5/8" SURFACE CEMENT
Cementing Job Log

The Road to Excellence Starts with Safety

The Road to Excellence Starts With Safety			
Sold To #: 303233	Ship To #: 2610504	Quote #:	Sales Order #: 5474184
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Stevens	Well #: # B-2	API/UWI #: 15-081-21761	
Field: HUGOTON	City (SAP): SUBLETTE	County/Parish: Haskell	State: Kansas
Legal Description: Section 13 Township 30S Range 32W			
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: Cheyenne		Rig/Platform Name/Num: 16	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: WILLE, DANIEL	MBU ID Emp #: 225409

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	11/05/2007 17:30							
Pre-Convoy Safety Meeting	11/05/2007 18:30							
Arrive At Loc	11/05/2007 21:15							RIG COMING OUT W/DP
Rig-Up Equipment	11/05/2007 21:17							PUT FLOAT EQUIPMENT ON CASING
Assessment Of Location Safety Meeting	11/05/2007 21:20							
Rig-Up Equipment	11/05/2007 21:30							SPOT IN
Rig-Up Equipment	11/06/2007 00:40							STAB CEMENT HEAD RIG CIRCULATES
Safety Meeting - Pre Job	11/06/2007 00:50							
Rig-Up Completed	11/06/2007 01:06							SWITCH CASING OVER TO PUMP TRUCK
Test Lines	11/06/2007 01:07							3500 PSI
Pump Spacer 1	11/06/2007 01:10		2	10			25.0	H2O
Pump Lead Cement	11/06/2007 01:14		4.5	76			75.0	145SK OF 11.4# SLURRY
Pump Tail Cement	11/06/2007 01:32		3.5	36			125.0	150SK OF 14.8# SLURRY
Drop Top Plug	11/06/2007 01:40							SHUT DOWN
Pump Displacement	11/06/2007 01:41		4.3	40.74			300.0	FRESH H2O
Other	11/06/2007 01:53		1.5	40.74			300.0	SLOW RATE LAST 10BBL

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Sold To #: 303233

Ship To #: 2610504

Quote #:

Sales Order #:

5474184

SUMMIT Version: 7.20.130

Tuesday, November 06, 2007 02:25:00

Activity Description	Date/Time	Cht #	bbl/ min	bbl		psig		Comments
				Stage	Total	Tubing	Casing	
Bump Plug	11/06/2007 01:56		1.5	40.74			400.0	UP TO 900 PSI
Check Floats	11/06/2007 01:57							HELD
End Job	11/06/2007 01:58							THANKS FOR CALLING HALLIBURTON... DAN AND CREW!

(CIRCULATE BACK APPROXIMATELY (28) SACKS OF CEMENT TO PIT)
Good circulation To SURFACE

Sold To # : 303233

Ship To # :2610504

Quote # :

Sales Order # : 5474184

SUMMIT Version: 7.20.130

Tuesday, November 06, 2007 02:25:00

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KCC

CEMENT PRODUCTION CASING

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 303233		Ship To #: 2610504		Quote #:		Sales Order #: 5475212	
Customer: KANSAS NATURAL GAS OPERATING INC				Customer Rep: Lehning, Steve			
Well Name: Stevens			Well #: # B-2		API/UWI #: 15-081-21761		
Field: HUGOTON		City (SAP): SUBLETTE		County/Parish: Haskell		State: Kansas	
Legal Description: Section 13 Township 30S Range 32W							
Contractor: CHEYENNE DRILLING			Rig/Platform Name/Num: 16				
Job Purpose: Cement Production Casing							
Well Type: Development Well				Job Type: Cement Production Casing			
Sales Person: HESTON, MYRON			Srv 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 #
ARCHULETA, MIGUEL A	6.0	226381	BERUMEN, EDUARDO	6.0	267804	BROADFOOT, RYAN	6.0	431899
HESTON, MYRON E	6.0	106226	MCINTYRE, BRIAN C	6.0	106009			

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	10415642	30 mile	10866807	30 mile
10897801	30 mile	6611U	30 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				Job Times			
Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type			BHST	On Location	07 - Nov - 2007	12:30	CST
Job depth MD	2728. ft		Job Depth TVD	Job Started	07 - Nov - 2007	15:56	CST
Water Depth			Wk Ht Above Floor	Job Completed	07 - Nov - 2007	17:05	CST
Perforation Depth (MD)	From		To	Departed Loc	07 - Nov - 2007	18:30	CST

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
Surface Casing	New		8.625	8.097	24.	8 RD (ST&C)	Unknown		700.		
Production Hole				7.875				700.	2780.		
Production Casing	New		5.5	5.012	14.	8 RD (LT&C)	J-55		2780.		

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		

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			

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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 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	6.0			
3	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	275.0	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 <i>Steve Schring</i> 11/7/07							

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Sold To #: 303233	Ship To #: 2610504	Quote #:	Sales Order #: 5475212
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Stevens	Well #: # B-2	API/UWI #: 15-081-21761	
Field: HUGOTON	City (SAP): SUBLETTE	County/Parish: Haskell	State: Kansas
Legal Description: Section 13 Township 30S Range 32W			
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: CHEYENNE DRILLING	Rig/Platform Name/Num: 16		
Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: HESTON, MYRON	Srvc 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	11/07/2007 09:00							
Safety Meeting - Service Center or other Site	11/07/2007 10:00							
Arrive At Loc	11/07/2007 12:30							
Assessment Of Location Safety Meeting	11/07/2007 12:35							
Other	11/07/2007 12:45							RIG RUNNING 5 1/2 CASING
Safety Meeting - Pre Rig-Up	11/07/2007 13:00							
Rig-Up Equipment	11/07/2007 13:10							
Rig-Up Completed	11/07/2007 14:00							
Casing on Bottom	11/07/2007 15:10							
Circulate Well	11/07/2007 15:15							WITH RIG
Safety Meeting - Pre Job	11/07/2007 15:50							
Test Lines	11/07/2007 15:56							TEST LINES 2000 PSI
Pump Spacer 1	11/07/2007 15:58		5.5		10		210.0	10 BBLS FRESH WATER
Pump Spacer 2	11/07/2007 16:02		5.5		10		180.0	10 BBLS MUDFLUSH
Pump Lead Cement	11/07/2007 16:08		5		142		214.0	275 SKS ECONOCEM @ 11.4#GAL
Pump Tail Cement	11/07/2007 16:30		4		36		90.0	150 SKS HALCEM @ 14.8#GAL
Clean Lines	11/07/2007 16:40							TO PIT

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JAN 17 2008
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	
Drop Top Plug	11/07/2007 16:44							3 WIPER LATCH DOWN
Pump Displacement	11/07/2007 16:45		5.5		65		110.0	FRESH WATER
Cement Returns to Surface	11/07/2007 16:55		5.5		65		300.0	23.6 BBLS CIRCULATED TO PIT— —44 SACKS
Other	11/07/2007 16:59		2		65		350.0	SLOW RATE
Bump Plug	11/07/2007 17:04		2		65		1375. 0	500 PSI-1375 PSI— FINAL LANDING PRESSURE
Check Floats	11/07/2007 17:05							FLOAT HELD
End Job	11/07/2007 17:06							
Safety Meeting - Pre Rig-Down	11/07/2007 17:10							
Rig-Down Equipment	11/07/2007 17:15							
Rig-Down Completed	11/07/2007 18:00							
Safety Meeting - Departing Location	11/07/2007 18:30							

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CONSERVATION DIVISION
WICHITA, KS

Sold To # : 303233

Ship To # : 2610504

Quote # :

Sales Order # : 5475212

SUMMIT Version: 7.20.130

Wednesday, November 07, 2007 05:18:00