

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32787
 Name: Kansas Natural Gas Operating, Inc
 Address 1: P. O. Box 815
 Address 2: _____
 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.: _____

11-29-2008	12-1-2008	12-12-2008
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 081-21846-0000
 Spot Description: NE-SW-SW-1/4
NE SW SW 1/4 Sec. 25 Twp. 29 S. R. 33 East West
1250' Feet from North / South Line of Section
1250' Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Haskell County
 Lease Name: Daniels Well #: 1-3
 Field Name: Hugoton - Chase Series
 Producing Formation: Chase Formation
 Elevation: Ground: 2925.2' Kelly Bushing: 2931.2' KB
 Total Depth: 2740' Plug Back Total Depth: 2727' KB
 Amount of Surface Pipe Set and Cemented at: 853' 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 Air I NCR 2-25-09
 (Data must be collected from the Reserve Pit)
 Chloride content: NA ppm Fluid volume: 127 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: Steven M. Lehning, Supt.
 Title: Supt. Date: 1-14-09
 Subscribed and sworn to before me this 13th 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 15 2009

JAN 15 2009

Side Two

Operator Name: Kansas Natural Gas Operating, Inc Lease Name: Daniels Well #: 1-3 CONSERVATION DIVISION
 Sec. 25 Twp. 29 S. R. 33 East West County: Haskell County WICHITA, KS

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 Neutron	<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>785'</td> <td>2146'</td> </tr> <tr> <td>T/Blaine</td> <td>1214'</td> <td>1717'</td> </tr> <tr> <td>B/Stone Corral</td> <td>1843'</td> <td>1088'</td> </tr> <tr> <td>T/Hollenberg</td> <td>2600'</td> <td>331'</td> </tr> <tr> <td>T/Herington</td> <td>2633'</td> <td>298'</td> </tr> <tr> <td>T/Krider</td> <td>2656'</td> <td>275'</td> </tr> <tr> <td>T/Winfield</td> <td>2708'</td> <td>223'</td> </tr> </table>	Name	Top	Datum	T/Permian	785'	2146'	T/Blaine	1214'	1717'	B/Stone Corral	1843'	1088'	T/Hollenberg	2600'	331'	T/Herington	2633'	298'	T/Krider	2656'	275'	T/Winfield	2708'	223'
Name	Top	Datum																							
T/Permian	785'	2146'																							
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T/Herington	2633'	298'																							
T/Krider	2656'	275'																							
T/Winfield	2708'	223'																							

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#	853' GL	Common-Varicem	350	2% CC-1/4# Flo-Cele
Production Pipe	7 7/8"	5 1/2"	15.5#	2728' GL	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	2635' - 2645' KB KB=6'	Acid: 3,000 Gallons 15% Fe-Acid	
	2658' - 2668' KB	100 BBLS. 2 % KCL	
	2684' - 2690' KB		
	2709' - 2713' KB (120-Holes)	Frac Job: 60,100# of 8/16 Brown Sand	
		Foam Frac @ 21 bbls per minute with 1 # - 4# per gallon.	

TUBING RECORD: Size: <u>2 3/8" EUE, 8 Rd.</u> Set At: <u>2713' GL</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. Pending Pipeline Connection		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	NA 0.6940

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>2635'-2645' KB 2684'-2690' KB</u> <u>2658'-2668' KB 2709'-2713' KB</u>
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Operator Name: Kansas Natural Gas Operating, Inc Lease Name: Daniels Well #: 1-3
 Sec. 25 Twp. 29 S. R. 33 East West County: Haskell County

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: <p style="text-align: center; font-weight: bold;">Dual-Spaced Neutron</p>	<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>RTD</td> <td>2740'</td> <td>191'</td> </tr> <tr> <td>LTD</td> <td>2726'</td> <td>205'</td> </tr> <tr> <td>Reference Elevation</td> <td>2931'</td> <td></td> </tr> </table>	Name	Top	Datum	RTD	2740'	191'	LTD	2726'	205'	Reference Elevation	2931'	
Name	Top	Datum											
RTD	2740'	191'											
LTD	2726'	205'											
Reference Elevation	2931'												

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

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

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 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. Pending Pipeline Connection			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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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HALLIBURTON

DANIEL'S 1-3 (SURFACE CEMENT) Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2695598	Quote #:	Sales Order #: 6342645
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Daniels		Well #: 1-3	API/UWI #: 15-081-21846
Field: HUGOTON GAS AREA	City (SAP): SUBLETTE	County/Parish: Haskell	State: Kansas
Legal Description: Section 25 Township 29S Range 33W			
Contractor: TRINIDAD		Rig/Platform Name/Num: 211	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: WILTSHIRE, MERSHEK	MBU ID Emp #: 195811

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
FOURZAN, CARLOS Ivan	8.5	449384	VASQUEZ-GIRON, VICTOR	8.5	404692	WILTSHIRE, MERSHEK T	8.5	195811

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

Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Called Out	Date	Time	Time Zone
Form Type	BHST		On Location			
Job depth MD	820. ft	Job Depth TVD	Job Started	30 - Nov - 2008	00:00	CST
Water Depth		Wk Ht Above Floor	Job Completed	30 - Nov - 2008	03:06	CST
Perforation Depth (MD) From		To	Departed Loc			

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 Hole				12.25					820.		
Surface Casing	New		8.625	8.097	24.	8 RD (ST&C)	Unknown		820.		

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, GID, 8-5/8 8RD	1	EA		RECEIVED
MLVASSY, INSR FLOAT, 8-5/8 8RD, 24 lbs/ft	1	EA		KANSAS CORPORATION COMPANY
FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8	1	EA		JAN 15 2009
CENTRALIZER ASSY - API - 8-5/8 CSG X	3	EA		
BASKET-CMT-8-5/8 CSG-SLIP-ON-S	1	EA		CONSERVATION DIVIS., WICHITA, KS
CLP, LIM, 8 5/8, FRICT, WTH DOGS	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			

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			bbl	8.33	.0	.0	6.0	
2	Lead Cement	VARICEM (TM) CEMENT (452009)	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)	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	Displacement			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

Dary Elmer

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CONSERVATION DIVISION
WICHITA, KS

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2695598	Quote #:	Sales Order #: 6342645
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Daniels	Well #: 1-3	API/UWI #: 15-081-21846	
Field: HUGOTON GAS AREA	City (SAP): SUBLETTE	County/Parish: Haskell	State: Kansas
Legal Description: Section 25 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	Rig/Platform Name/Num: 211		
Job Purpose: Cement Surface Casing		Ticket Amount:	
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: WILTSHIRE, MERSHEK	MBU ID Emp #: 195811

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	11/29/2008 15:30							
Arrive At Loc	11/29/2008 20:30							KANSAS CORPORATION CO. 15 JAN 15 2009
Pre-Job Safety Meeting	11/29/2008 20:45							CONSERVATION DIVISION WICHITA, KS
Start Job	11/30/2008 03:06							
Test Lines	11/30/2008 03:06						2000.0	
Pump Spacer 1	11/30/2008 03:09		5	10			75.0	RIG WATER
Pump Lead Cement	11/30/2008 03:12		6	105			100.0	200 SKS VARICEM @ 11.4#
Pump Tail Cement	11/30/2008 03:30		6	36			130.0	150 SKS HALCEM @ 14.8#
Drop Plug	11/30/2008 03:37		6		141		135.0	END CEMENT
Clean Lines	11/30/2008 03:39							
Pump Displacement	11/30/2008 03:43		6	54			70.0	RIG WATER
Other	11/30/2008 03:51		2	44			320.0	SLOW RATE
Other	11/30/2008 03:54						380.0	PRESSURE BEFORE LANDING PLUG
Bump Plug	11/30/2008 03:54		2		54		950.0	FLOAT HELD
End Job	11/30/2008 03:56							
Cement Returns to Surface	11/30/2008 04:03				60			60 BBLS OF CEMENT TO SURFACE

Sold To #: 303233

Ship To #: 2695598

Quote #:

Sales Order #:

6342645

SUMMIT Version: 7.20.130

Sunday, November 30, 2008 04:10:00

DANIEL'S #1-3 (LONG STAIN)

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2695598	Quote #:	Sales Order #: 6342682
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Daniels	Well #: 1-3	API/UWI #: 15-081-21846	
Field: HUGOTON GAS AREA	City (SAP): SUBLETTE	County/Parish: Haskell	State: Kansas
Legal Description: Section 25 Township 29S Range 33W			
Contractor: TRINIDAD		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: GRAVES, JEREMY	MBU ID Emp #: 399155

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CLEMENS, ANTHONY Jason	5	198516	FLORES, DANIEL A	5	458673	GRAVES, JEREMY L	5	399155
HAYES, CRAIG H	5	449385	PARUZINSKI, JOHN Harrison	5	441380	VASQUEZ-GIRON, VICTOR	5	404692

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10219237	30 mile	10240245	30 mile	10243558	30 mile	10244148	30 mile
10415642	30 mile	75819	30 mile	D0601	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 Times

Formation Name	Formation Depth (MD) Top	Bottom	Called Out	Date	Time	Time Zone
Form Type	BHST		On Location	01 - Dec - 2008	10:00	CST
Job depth MD	2750. ft	Job Depth TVD	Job Started	01 - Dec - 2008	12:30	CST
Water Depth		Wk Ht Above Floor	Job Completed	01 - Dec - 2008	15:45	CST
Perforation Depth (MD) From		To	Departed Loc	01 - Dec - 2008	16:45	CST
					17:30	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
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/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		
COLLAR-STOP-5 1/2"-W/DOGS	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	5 1/2	1	HES	2730	Packer					Top Plug	5 1/2	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float	5 1/2	1	HES	2730						Plug Container			
Stage Tool										Centralizers	5 1/2	10	HES

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

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			bbl	8.33	.0	.0	6.0		
2	MUD FLUSH III	MUD FLUSH III - SBM (528788)	10.00	bbl	8.4	.0	.0	6.0		
3	Lead Cement	VARICEM (TM) CEMENT (452009)	250.0	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	Displacement		65.00	bbl	8.33	.0	.0	6.0		

Calculated Values			Pressures			Volumes		
Displacement	65	Shut In: Instant	Lost Returns	0	Cement Slurry	165	Pad	
Top Of Cement	SURFACE	5 Min	Cement Returns	39	Actual Displacement	65	Treatment	
Frac Gradient		15 Min	Spacers	10	Load and Breakdown		Total Job	230

Rates									
Circulating	5	Mixing	6	Displacement	6	Avg. Job	6		
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: *Steve Lehning* DANIEL'S #1-3 (LONG-STRING) CEMENT

(RETURNED 74-SACKS)

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KANSAS CORPORATION
JAN 15 2009
CONSERVATION DIVISION

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2695598	Quote #:	Sales Order #: 6342682
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Daniels	Well #: 1-3	API/UWI #: 15-081-21846	
Field: HUGOTON GAS AREA	City (SAP): SUBLETTE	County/Parish: Haskell	State: Kansas
Legal Description: Section 25 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	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	Srvc Supervisor: GRAVES, JEREMY	MBU ID Emp #: 399155	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/01/2008 10:00							PRE TRIP TRUCKS
Pre-Convoy Safety Meeting	12/01/2008 11:00							JOURNEY MANAGEMENT AND SPOT AUDIT
Arrive at Location from Service Center	12/01/2008 12:30							
Assessment Of Location Safety Meeting	12/01/2008 12:45							SPOT TRUCKS
Running In Hole	12/01/2008 13:00							5 1/2 15.5# CASING
Rig-Up Equipment	12/01/2008 13:00							PUMPING LINES AND TALK WITH COMPANY MAN ABOUT JOB PROCEDURES AND CALCULATIONS
Casing on Bottom	12/01/2008 15:00							
Pre-Job Safety Meeting	12/01/2008 15:30							GIVEN BY JEREMY GRAVES
Start Job	12/01/2008 15:47							
Test Lines	12/01/2008 15:48							TEST LINES TO 2000PSI
Pump Lead Cement	12/01/2008 15:53							250 SKS MIXED @ 11.4#
Pump Spacer	12/01/2008 15:53							10BBLs MUD FLUSH
Pump Tail Cement	12/01/2008 16:16							150SKS MIXED @ 14.8#
Clean Lines	12/01/2008 16:24							CLEAN LINES TO PIT
Drop Plug	12/01/2008 16:27							HES TOP PLUG

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JAN 15 2009
CONSERVATION DIVISION
WICHITA KS

Sold To #: 303233

Ship To #: 2695598

Quote #:

Sales Order #:

6342682

SUMMIT Version: 7.20.130

Monday, December 01, 2008 05:14:00

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	12/01/2008 16:28							PUMP 65BBLS OF FRESH WATER 20# SUGAR IN FIRST 10BBLS OF DISP.
Slow Rate	12/01/2008 16:38							SLOWED RATE TO 2BBLS PER MIN
Bump Plug	12/01/2008 16:42							BUMPED PLUG AT
Check Floats	12/01/2008 16:43							FLOATS HELD GOT BACK
End Job	12/01/2008 16:44							THANKS FOR CALLING HALLIBURTON
Pre-Rig Down Safety Meeting	12/01/2008 16:50							GIVEN BY JOHN PARUZINSKI EMPLOYEES PRESENT JEREMY GRAVES, VICTOR VAZQUEZ, CRAIG HAYES, DANIEL FLORES
Rig-Down Equipment	12/01/2008 17:00							PUMPING LINES
Depart Location for Service Center or Other Site	12/01/2008 17:30							

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KANSAS CORPORATION COMMISSION

JAN 15 2009

CONSERVATION DIVISION
WICHITA, KS

Sold To #: 303233

Ship To #: 2695598

Quote #:

Sales Order #: 6342682

SUMMIT Version: 7.20.130

Monday, December 01, 2008 05:14:00

DRILLING & GEOLOGICAL SUMMARY

Operator: Kansas Natural Gas Operating, Inc. License Number: 32787
 Well Name & #: Daniels #1-3 A.P.I. #: 15 - 081 - 21846 - 0000
 Location: 1250' F S L / 1250' F W L / NE/SW/SW Sec. 25 Twp. 29 S Rng. 33 W
 Elevation@ Ground Level: 2925' Kelly Bushing: 2931' Ref. Datum: KB Depth: 2740' PBSD: 2726'
 Drilling Spud Date: 11 - 29 - 2008 Drilling Completed Date: 12 - 01 - 2008
 Contractor: Trinidad Drilling LP Rig # 211 License Number: 33784

Surface Casing Size: 8.625" Weight: 24 # Grade: J55 Depth Set @: 859'
 Equip. & Cement: 'texas' pattern shoe, baffle plate, 3 centralizers, 1 cement basket
200 sx of lead; 150 sx of tail w/ 2% CC - 1/4# Flo-Cele.
 Circulated 115 sacks of cement to the surface. Surface Hole Deviation: 1.5 degrees.

Prod. Casing Size: 5.500" Weight: 15.5 # Grade: J55 Depth Set @: 2734'
 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 74 sacks of cement to the surface. Total Depth Hole Deviation: .25 degrees.

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

Horizon	Depth (KB)	Datum	Remarks
T/PERMIAN	785	2146	
T/BLAINE	1214	1717	
B/STONE CORRAL	1843	1088	
T/HOLLENBERG	2600	331	
T/HERINGTON	2633	298	perforated 2635'-2645'
T/KRIDER	2656	275	perforated 2658'-2668', 2684'-2690'
T/WINFIELD	2708	223	perforated 2709'-2713'
T/TOWANDA			
T/FORT RILEY			
T/COUNCIL GROVE			
RTD	2740	191	
LTD	2726	205	
PBSD	2726	205	
REFERENCE ELEVATION	2931		

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WICHITA, KS

Perforations: 2635'-2645', 2658'-2668', 2684'-2690'; 2709'-2713' (all W/4 SPF)

Acid Treatment: 3000 gallons of 15% FE-MCA, max pressure was 2808#, avg pressure was 391#, max rate was 12.1 bpm, average rate was 7.2bpm.

Frac. Treatment: 60,100# of 8/16 sand, 544 bbls of treated water, 322,487 scf nitrogen. avg pressure was 1155#, avg rate was 19.9 bpm. ISIP was 1381#.

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