

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 Osteubhr

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

If Workover/Re-entry: Old Well Info as follows:

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

11-11-2007	11-13-2007	12-10-2007
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 055-21946-0000
County: Finney County
SE NW NW 1/4 Sec. 01 Twp. 25 S. R. 34 East West
1250' feet from S / (circle one) Line of Section
1250' feet from E / (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Spratt Well #: 4-3
Field Name: Hugoton
Producing Formation: Chase Series
Elevation: Ground: 2938.2' Kelly Bushing: 2950'
Total Depth: 2707' Plug Back Total Depth: 2698' KB
Amount of Surface Pipe Set and Cemented at 900' 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 Alt I SB
(Data must be collected from the Reserve Pit) 3-25-08
Chloride content NA ppm Fluid volume 100 bbls
Dewatering method used Evaporate Till Dry - Backfill
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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

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

Signature: Steve Lehning
Title: Supt. Date: 1-11-08
Subscribed and sworn to before me this 11th day of January,
20 08.
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

copy to Jim

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 17 2008
CONSERVATION DIVISION
WICHITA, KS

Side Two

Operator Name: Kansas Natural Gas Operating, Inc. Lease Name: Spratt Well #: 4-3
 Sec. 01 Twp. 25 S. R. 34 East West County: Finney 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 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)

<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Name	Top	Datum
T- Permian	908'	2042'
T-Blaine	1351'	1599'
B-Stone Corral	1974'	976'
T-Hollen Berg	2530'	420'
T- Herrington	2554'	396'
T-Krider	2578'	372'
T-Winfield	2611'	339'

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 #	900' G.L.	Econocem Lite	355	3% Cal. Chloride
Production Pipe	7 7/8"	5 1/2"	15.5 #	2695' G.L.	Halchem "C"	400	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) Shots p/foot	2559' - 2567' KB	Acid: 3,200 Gallons of 15% Fe-Mud	
	2580' - 2588' KB	and 100 BBLs. of 2 % KCL Flush	
	2614' - 2626' KB KB = 12'		
	2672' - 2676' KB (128 Holes)	Frac: Delta-Foam Frac. 70,000 # of	
		Premium 12/20 at 39 Barrel P/Minute	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8" EUE 8 Rd. Tubing	2667' G.L.	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enh. 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: _____

RECEIVED
 KANSAS CORPORATION COMMISSION
 2559'-2567' KB 2614'-2626' KB
 2580'-2588' KB 2672'-2676' KB
 JAN 17 2008

CONSERVATION DIVISION
 WICHITA, KS

Operator Name: Kansas Natural Gas Operating, Inc. Lease Name: Spratt Well #: 4-3
 Sec. 01 Twp. 25 S. R. 34 East West County: Finney 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 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:

<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Name	Top	Datum
T- Towanda	2668'	282'
RTD:	2707'	243'
LTD:	2698'	252'
PBDT	2698'	252'

(Dual - Spaced Gamma Ray Neutron)

(CONTINUED FROM FIRST PAGE)

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		Acid, Fracture, Shot, Cement Squeeze Record		Depth
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)		

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

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingle Other (Specify)

Production Interval

RECEIVED
 KANSAS CORPORATION COMMISSION

JAN 17 2008

CONSERVATION DIVISION
 WICHITA, KS

DRILLING & GEOLOGICAL SUMMARY

Operator: Kansas Natural Gas Gathering, Inc. License Number: 32787
 Well Name & #: Spratt #4-3 A.P.I. #: 15 - 055 - 21946 - 0000
 Location: 1250' F.N.L / 1250' F.W.L / SE/NW/NW Sec. 01 Twp. 25 S Rng. 34 W
 Elevation@ Ground Level: 2938' Kelly Bushing: 2950' Ref. Datum: KB Depth: 2707' PBTD: 2698'
 Drilling Spud Date: 11 - 11 - 2007 Drilling Completed Date: 11 - 13 - 2007
 Contractor: Trinidad Drilling LP Rig # 216 License Number: 33784

Surface Casing Size: 8.625" Weight: 24 # Grade: J-55 Depth Set @: 912'
 Equip. & Cement: 'texas' pattern shoe, baffle plate, 3 centralizers.
200 sx of lead w/ 3% CC - 1/2# Flo-Cele; 155 sx of tail w/ Flo-Cele.
 Circulated 4 sacks of cement to the surface. Surface Hole Deviation: 1 3/4 degrees.

Prod. Casing Size: 5.500" Weight: 15.5 # Grade: J-55 Depth Set @: 2707'
 Equip. & Cement: guide shoe w/integral latch-down baffle, 10 centralizers.
250 sx of lead w/ 3% CC - 1/4# Flo-Cele; 150 sx w/ 1/4# Flo-Cele.
 Circulated 122 sacks of cement to the surface. Total Depth Hole Deviation: 1 1/4 degrees.

Open Hole Logs: none Cased Hole Logs: G/R - DSN - CCL

Horizon	Depth (KB)	Datum	Remarks
T/PERMIAN	908	2042	
T/BLAINE	1351	1599	
B/STONE CORRAL	1974	976	
T/HOLLENBERG	2530	420	
T/HERINGTON	2554	396	perforate 2559'-2567'
T/KRIDER	2578	372	perforate 2580'-2588'
T/WINFIELD	2611	339	perforate 2614'-2626'
T/TOWANDA	2668	282	perforate 2672'-2676'
T/FORT RILEY			
T/COUNCIL GROVE			
RTD	2707	243	
LTD	2698	252	
PBTD	2698	252	
REFERENCE ELEVATION	2950		

RECEIVED
 KANSAS CORPORATION COMMISSION
 JAN 17 2008
 CONSERVATION DIVISION
 WICHITA, KS

Perforations: 2559'-2567', 2580'-2588', 2614'-2626', 2672'-2676' all w/4 SPF

Add Treatment: 3299 gallons of 15% FE-MCA, max pressure was 276#, max rate was 11.1 BPM, some ball action.

Frac. Treatment: 70,100# of 12/20 sand, 250 bbls of treated water, 318,317 scf nitrogen. max pressure was 1298#, max rate was 47.6 BPM.

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

HALLIBURTON

CEMENT SURFACE PIPE Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2611227	Quote #:	Sales Order #: 5486872
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Spratt	Well #: #4-3	API/UWI #: 15-055-21946	
Field: HUGOTON	City (SAP): UNKNOWN	County/Parish: Finney	State: Kansas
Legal Description: Section 1 Township 25S Range 34W			
Contractor: CHEYENNE DRLG		Rig/Platform Name/Num: 16	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: DEETZ, DONALD	MBU ID Emp #: 389855

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CARRILLO, EDUARDO Carrillo	6.0	371263	DEETZ, DONALD E	6.0	389855	FERGUSON, ROSCOE G	6.0	106154
HUTCHESON, RICKY	6.0	428969						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10010921C	80 mile	10240236	80 mile	10949718	80 mile	54219	80 mile
77031	80 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11/12/07	6	3						
TOTAL			<i>Total is the sum of each column separately</i>					

Job

Job Times

Formation Name	Formation Depth (MD) Top	Bottom	Called Out	Date	Time	Time Zone
			On Location	11 - Nov - 2007	23:00	CST
Form Type		BHST	On Location	12 - Nov - 2007	02:30	CST
Job depth MD	897. ft	Job Depth TVD	Job Started	12 - Nov - 2007	06:27	CST
Water Depth		Wk Ht Above Floor	Job Completed	12 - Nov - 2007	07:12	CST
Perforation Depth (MD) From		To	Departed Loc	12 - Nov - 2007	08:30	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Surface 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		
SHOE, CSG, TIGER TOOTH, 8 5/8 IN 8RD	1	EA		
VLVASSY, INSR FLOAT, 8-5/8 8RD, 24 lbs/ft	1	EA		
FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	3	EA		
BASKET-CMT-8-5/8 CSG-SLIP-ON-S	1	EA		
SUGAR - GRANULATED	40	LB		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe	8 5/8	1	H	897	Packer					Top Plug	8 5/8	1	H
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float	8 5/8	1	H	855						Plug Container	8 5/8	1	H
Stage Tool										Centralizers			H

Summit Version: 7.20.130

Monday, November 12, 2007 07:27:00

JAN 17 2008

CONSERVATION DIVISION
WICHITA, KS

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				10.00	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				54.00	bbl	8.33	.0	.0	6.0			
Calculated Values		Pressures			Volumes								
Displacement	54	Shut In: Instant			Lost Returns	0	Cement Slurry		142	Pad			
Top Of Cement	0	5 Min			Cement Returns	10	Actual Displacement		54	Treatment			
Frac Gradient		15 Min			Spacers	10	Load and Breakdown			Total Job	196		
Rates													
Circulating	4	Mixing			6	Displacement		6	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								

Received 3.38 sks back to pit
Ewby

RECEIVED
 KANSAS CORPORATION COMMISSION
 JAN 17 2008
 CONSERVATION DIVISION
 WICHITA, KS

The Road to Excellence Starts with Safety

Sold To #: 303233		Ship To #: 2611227		Quote #:		Sales Order #: 5486872	
Customer: KANSAS NATURAL GAS OPERATING INC				Customer Rep: Lehning, Steve			
Well Name: Spratt			Well #: #4-3		API/UWI #: 15-055-21946		
Field: HUGOTON		City (SAP): UNKNOWN		County/Parish: Finney		State: Kansas	
Legal Description: Section 1 Township 25S 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: CHEYENNE DRLG			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			Srcv Supervisor: DEETZ, DONALD			MBU ID Emp #: 389855	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive At Loc	11/12/2007 02:30							RIG WAS PULLING DRILL PIPE
Pre-Job Safety Meeting	11/12/2007 02:35							
Rig-Up Completed	11/12/2007 03:30							
Start In Hole	11/12/2007 04:05							
Casing on Bottom	11/12/2007 05:45							
Circulate Well	11/12/2007 05:50							
Test Lines	11/12/2007 06:27							TEST LINES TO 2000 PSI
Pump Spacer 1	11/12/2007 06:29		5		10		50.0	RIG WATER
Pump Lead Cement	11/12/2007 06:32		6		105		100.0	200 SKS @ 11.4
Pump Tail Cement	11/12/2007 06:48		6		37		125.0	155 SKS @ 14.8
Drop Plug	11/12/2007 06:56							
Pump Displacement	11/12/2007 06:57		6		54		170.0	RIG WATER
Other	11/12/2007 07:05		2					SLOW RATE LAST 10 BBL TO 2 BBL MIN
Bump Plug	11/12/2007 07:10						225.0	BUMPED PLUG @ 225 TOOK TO 800 PSI. RECIEVED 10 BBL CEMENT RETURNS OR 3.38 SKS
End Job	11/12/2007 07:12							THANKS FOR CALLING HALLIBURTON ERIC & CREW

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 17 2008

CONSERVATION DIVISION
WICHITA, KS

Sold To #: 303233 Ship To #: 2611227 Quote #: Sales Order #: 5486872

SUMMIT Version: 7.20.130 Monday, November 12, 2007 07:27:00

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Post-Job Safety Meeting (Pre Rig-Down)	11/12/2007 07:20							

RECEIVED
 KANSAS CORPORATION COMMISSION
 JAN 17 2008
 CONSERVATION DIVISION
 WICHITA, KS

Sold To # : 303233

Ship To # :2611227

Quote # :

Sales Order # :

5486872

SUMMIT Version: 7.20.130

Monday, November 12, 2007 07:27:00

HALLIBURTON

CEMENT Long String Pipe
Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2611227	Quote #:	Sales Order #: 5491898
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Spratt	Well #: #4-3	API/UWI #: 15-055-21946	
Field: HUGOTON	City (SAP): UNKNOWN	County/Parish: Finney	State: Kansas
Legal Description: Section 1 Township 25S Range 34W			
Contractor: CHEYENNE DRLG		Rig/Platform Name/Num: 16	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: HESTON, MYRON		Srvc Supervisor: MCINTYRE, BRIAN	MBU ID Emp #: 106009

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BROADFOOT, RYAN	5.5	431899	EVANS, JOSHUA Allen	4.5	427571	HUTCHESON, RICKY	4.5	428969
LOPEZ, CARLOS	4.5	321975	MCINTYRE, BRIAN C	5.5	106009			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10219237	80 mile	10240245	80 mile	10244148	80 mile	10415642	80 mile
10897879	80 mile	6611U	80 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
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	13 - Nov - 2007	14:30	CST
Form Type			BHST	Job Started	13 - Nov - 2007	16:35	CST
Job depth MD	2707. ft		Job Depth TVD	Job Completed	13 - Nov - 2007	17:59	CST
Water Depth			Wk Ht Above Floor	Departed Loc	13 - Nov - 2007	19:45	CST
Perforation Depth (MD)	From		To				

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.	2715.		
Production Casing	New		5.5	5.012	15.5	8 RD (LT&C)	J-55		2715.		

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		

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 17 2008
CONSERVATION DIVISION
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	

HALLIBURTON

Cementing Job Summary

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		10.00	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)	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	Water Displacement		66.228	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 Lehning</i> (SPRATT # 4-3) Cement Long String Pipe					

CIRCULATED (22) SACKS TO SURFACE

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 17 2008
CONSERVATION DIVISION
WICHITA, KS

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2611227	Quote #:	Sales Order #: 5491898
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: Lehning, Steve	
Well Name: Spratt	Well #: #4-3	API/UWI #: 15-055-21946	
Field: HUGOTON	City (SAP): UNKNOWN	County/Parish: Finney	State: Kansas
Legal Description: Section 1 Township 25S 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: CHEYENNE DRLG	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	
Rig-Down Completed	11/13/2007 10:25							
Call Out	11/13/2007 12:00							
Safety Meeting - Service Center or other Site	11/13/2007 12:30							
Crew Leave Yard	11/13/2007 13:00							
Arrive At Loc	11/13/2007 14:35							
Assessment Of Location Safety Meeting	11/13/2007 14:40							
Safety Meeting - Pre Rig-Up	11/13/2007 14:45							
Rig-Up Equipment	11/13/2007 14:50							
Rig-Up Completed	11/13/2007 15:35							
Wait on HES Materials to Arrive - Start Time	11/13/2007 15:36							WAITING ON BULK TRUCK
Wait on HES Materials to Arrive - End Time	11/13/2007 16:00							BULK TRUCKS ON LOCATION
Safety Meeting - Pre Job	11/13/2007 16:30							
Test Lines	11/13/2007 16:35							TEST LINES 3000 PSI
Pump Spacer 1	11/13/2007 16:38		4		10		150.0	FRESH WATER
Pump Spacer 2	11/13/2007 16:43		4		10		160.0	MUD FLUSH
Pump Lead Cement	11/13/2007 16:45		5.25		129		85.0	250 SKS ECONOCEM @ 11.4#GAL
Pump Tail Cement	11/13/2007 17:22		5.25		36		110.0	150 SKS HALCEM @ 14.8#GAL

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 17 2008
CONSERVATION DIVISION
WICHITA, KS

Sold To #: 303233

Ship To #: 2611227

Quote #:

Sales Order #:

5491898

SUMMIT Version: 7.20.130

Tuesday, November 13, 2007 06:19:00

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Clean Lines	11/13/2007 17:32							TO PIT
Drop Top Plug	11/13/2007 17:34							3 WIPER LATCH DOWN
Pump Displacement	11/13/2007 17:35		4		63		90.0	FRESH WATER
Cement Returns to Surface	11/13/2007 17:36		4		63		90.0	63 BBLS CIRCULATED TO PIT——122 SKS
Other	11/13/2007 17:46		2		63		240.0	
Bump Plug	11/13/2007 17:57		2		63		1250. 0	500 PSI-1250 PSI FINAL LANDING PRESSURE
Check Floats	11/13/2007 17:58							FLOAT HELD
End Job	11/13/2007 17:59							
Safety Meeting - Pre Rig-Down	11/13/2007 18:05							
Rig-Down Equipment	11/13/2007 18:10							
Safety Meeting - Departing Location	11/13/2007 19:45							

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 17 2008

CONSERVATION DIVISION
WICHITA, KS

Sold To #: 303233

Ship To #: 2611227

Quote #:

Sales Order #:

5491898

SUMMIT Version: 7.20.130

Tuesday, November 13, 2007 06:19:00