

**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: Oneok Pipeline
Operator Contact Person: Steve Lehning
Phone: (620) 675-8185
Contractor: Name: Trinidad Drilling, L.P.
License: 33784
Wellsite Geologist: Ron Osterbuhr

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. _____

<u>12-2-07</u>	<u>12-4-07</u>	<u>1-29-08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 055-21951-0000
County: Finney
SW NE NW 1/4 Sec. 06 Twp. 25 S. R. 34 East West
1297' feet from S / (circle one) Line of Section
1451' feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Hamlin Well #: 7-3
Field Name: Hugoton

Producing Formation: Chase Series
Elevation: Ground: 2968' Kelly Bushing: 2980' K.B.
Total Depth: 2665' Plug Back Total Depth: 2650'
Amount of Surface Pipe Set and Cemented at 898' 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 IWHM
(Data must be collected from the Reserve Pit) 3-10-08
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: Steven M. Lehning
Title: Supt. Date: 2-5-08
Subscribed and sworn to before me this 5th day of February,
2008.
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

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KANSAS CORPORATION COMMISSION

copy to Jim

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CONSERVATION DIVISION
WICHITA, KS

Side Two

Operator Name: Kansas Natural Gas Operating, Inc. Lease Name: Hamlin Well #: 7-3
 Sec. 06 Twp. 25 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 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>849'</td> <td>2131'</td> </tr> <tr> <td>T/Blaine</td> <td>1315'</td> <td>1665'</td> </tr> <tr> <td>B/Stone Corral</td> <td>1926'</td> <td>1054'</td> </tr> <tr> <td>T/Hollenberg</td> <td>2479'</td> <td>501'</td> </tr> <tr> <td>T/Herrington</td> <td>2508'</td> <td>472'</td> </tr> <tr> <td>T/Krider</td> <td>2528'</td> <td>452'</td> </tr> <tr> <td>T/Winfield</td> <td>2564'</td> <td>416'</td> </tr> <tr> <td>T/Towanda</td> <td>2622'</td> <td>358'</td> </tr> </table>	Name	Top	Datum	T/Permian	849'	2131'	T/Blaine	1315'	1665'	B/Stone Corral	1926'	1054'	T/Hollenberg	2479'	501'	T/Herrington	2508'	472'	T/Krider	2528'	452'	T/Winfield	2564'	416'	T/Towanda	2622'	358'
Name	Top	Datum																										
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T/Winfield	2564'	416'																										
T/Towanda	2622'	358'																										

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#	898' G.L.	Econocem Lite	370	3% Cal-Chloride
Production Pipe	7 7/8"	5 1/2"	15.5#	2652' G.L.	Halchem 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				

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
(4) Shots P/Foot	2512' - 2520' KB	Acid: 3600 gallons of 15% FE-Mud	
	2530' - 2540' KB (144 Holes)	and 70 bbls of 2 % KCL Fluid	
	2569' - 2579' KB (KB = 12')		
	2628' - 2636' KB	Frac: 100,000 # Delta-Foam Frac @ 1# - 4# per	
		gallon rate at 40 BPM.	

TUBING RECORD	Size 2 3/8 EUE 8 Rd. Tubing	Set At 2626'	Packer At None	Liner Run <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 2512' - 2636' KB
144 (Shots)

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WICHITA, KS

Operator Name: Kansas Natural Gas Operating, Inc. Lease Name: Hamlin Well #: 7-3
 Sec. 06 Twp. 25 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 type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" 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>2665'</td> <td>315'</td> </tr> <tr> <td>LTD:</td> <td>2650'</td> <td>330'</td> </tr> <tr> <td>PBTD:</td> <td>2650'</td> <td>330'</td> </tr> </table>	Name	Top	Datum	RTD:	2665'	315'	LTD:	2650'	330'	PBTD:	2650'	330'
Name	Top	Datum											
RTD:	2665'	315'											
LTD:	2650'	330'											
PBTD:	2650'	330'											

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
<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

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
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

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WICHITA, KS

DRILLING & GEOLOGICAL SUMMARY

Operator: Kansas Natural Gas Gathering, Inc. License Number: 32787
 Well Name & #: Hamlin #7-3 A.P.I. #: 15 - 055 - 21951 - 0000
 Location: 1297' F.N.L / 1451' F.W.L /SW/NE/NW Sec. 06 Twp. 25 S Rng. 34 W
 Elevation@ Ground Level: 2968' Kelly Bushing: 2980' Ref. Datum: KB Depth: 2665' PBDT: 2650'
 Drilling Spud Date: 12 - 02 - 2007 Drilling Completed Date: 12 - 04 - 2007
 Contractor: Trinidad Drilling LP Rig # 216 License Number: 33784

Surface Casing Size: 8.625" Weight: 24 # Grade: J-55 Depth Set @: 907'
 Equip. & Cement: 'texas' pattern shoe, baffle plate, 3 centralizers, basket on #18 of 21.
220 sx of lead; 150 sx of tail w/ 2% CC - 1/4# Flo-Cele.
 Circulated 13 sacks of cement to the surface. Surface Hole Deviation: 1 degrees.

Prod. Casing Size: 5.500" Weight: 15.5 # Grade: J-55 Depth Set @: 2664'
 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 49 sacks of cement to the surface. Total Depth Hole Deviation: 1 1/4 degrees.

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

Horizon	Depth (KB)	Datum	Remarks
T/PERMIAN	849	2131	
T/BLAINE	1315	1665	
B/STONE CORRAL	1926	1054	
T/HOLLENBERG	2479	501	
T/HERINGTON	2508	472	perforate 2512'-2520'
T/KRIDER	2528	452	perforate 2530'-2540'
T/WINFIELD	2564	416	perforate 2569'-2579'
T/TOWANDA	2622	358	perforate 2628'-2636'
T/FORT RILEY			
T/COUNCIL GROVE			
RTD	2665	315	
LTD	2650	330	
PBDT	2650	330	
REFERENCE ELEVATION	2980		


Perforations: 2512'-2520', 2530'-2540', 2569'-2579', 2628'-2636' all w/4 SPF

Acid Treatment: 3579 gallons of 15% FE-MCA, max pressure was 2271#, max rate was 12.7 BPM,
good ball action with ball-off.

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Frac. Treatment: _____ **FEB 07 2008**

CONSERVATION DIVISION
WICHITA, KS

Name: Kurt Osterbuhr Signed:  Date: 01 - 05 - 2008

HALLIBURTON

CEMENT SURFACE CASING
Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2616568	Quote #:	Sales Order #: 5532732
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: PEREZ, NOEL	
Well Name: Hamlin	Well #: 7-3	API/UWI #:	
Field: HUGOTON	City (SAP): UNKNOWN	County/Parish: Finney	State: Kansas
Contractor: TRINIDAD DRILLING	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: 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 #
BERUMEN, EDUARDO	7.0	267804	BYRD, JOHN A	7.0	361417	CARRILLO, EDUARDO Carrillo	7.0	371263
DEETZ, DONALD E	7.0	389855						

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	10240245	80 mile	10866807	80 mile
10897801	80 mile	10949718	80 mile	54218	80 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
12/3/07	7.0	3.0						
TOTAL			Total is the sum of each column separately					

Job

Formation Name	Formation Depth (MD) Top	Bottom	Form Type	Job depth MD	Water Depth	Perforation Depth (MD) From	To	Job Times	Date	Time	Time Zone
			BHST	891. ft				Called Out	02 - Dec - 2007	21:00	CST
								On Location	03 - Dec - 2007	01:00	CST
								Job Started	03 - Dec - 2007	00:00	CST
								Job Completed	03 - Dec - 2007	00:00	CST
								Departed Loc	03 - Dec - 2007	00:00	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 Hole				12.25					880.		
Surface Casing	New		8.625	8.097	24.	8 RD (ST&C)	Unknown		880.		

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		
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		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe	8 5/8	1	H	891	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	846						Plug Container	8 5/8	1	H
Stage Tool										Centralizers	8 5/8	3	H

Miscellaneous Materials

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

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CONSERVATION DIVISION
WICHITA, KS

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	Lead Cement	MIDCON-2 CEMENT PREMIUM PLUS - SBM (15079)	220.0	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	CMT - PREMIUM PLUS CEMENT (100012205)	150.0	sacks	14.8	1.34	6.32	6.0	6.32
	94 lbm	CMT - PREMIUM PLUS - CLASS C REG OR TYPE III, BULK (100012205)							
	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	151	Pad	
Top Of Cement	2016	5 Min		Cement Returns	40	Actual Displacement	54	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	215

Rates

Circulating	5	Mixing	5	Displacement	5	Avg. Job	5
Cement Left In Pipe	Amount	42 ft	Reason	Shoe Joint			
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID

The Information Stated Herein Is Correct

Customer Representative Signature

Steve Lehning (SHORT PIPE - HAMLIN 7-2)

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CONSERVATION DIVISION
WICHITA, KS

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2616568	Quote #:	Sales Order #: 5532732
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: PEREZ, NOEL	
Well Name: Hamlin	Well #: 7-3	API/UWI #:	
Field: HUGOTON	City (SAP): UNKNOWN	County/Parish: Finney	State: Kansas
Legal Description:			
Lat:		Long:	
Contractor: TRINIDAD DRILLING		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		Srv 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	12/03/2007 01:00							RIG WAS DRILLING
Pre-Job Safety Meeting	12/03/2007 01:05							
Rig-Up Completed	12/03/2007 02:05							
Start In Hole	12/03/2007 03:40							
Casing on Bottom	12/03/2007 05:40							
Circulate Well	12/03/2007 05:45							RIG PUMP. PRIMED UP TRUCK FOUND FROZE UP HEATED UP WATER LINES
Test Lines	12/03/2007 06:19							2500 PSI
Pump Spacer 1	12/03/2007 06:22		4		10		.0	WATER SPACER
Pump Lead Cement	12/03/2007 06:25		5		115		50.0	220 SKS @ 11.4
Pump Tail Cement	12/03/2007 06:41		5		36		50.0	150 SKS @ 14.8
Drop Plug	12/03/2007 06:48							
Clean Lines	12/03/2007 06:49							CLEANED LINES TO PIT PER COMPANY MAN. TOOK LINE OFF HEAD PUT ON 2ND STAND PIPE WASHED TO PIT
Pump Displacement	12/03/2007 06:55		5		54		200.0	RIG WATER
Other	12/03/2007 07:02							SLOW RATE LAST 10 BBL TO 2 BBL MIN

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Sold To #: 303233

Ship To #: 2616568

Quote #:

Sales Order #: 5532732

SUMMIT Version: 7.20.130

Monday, December 03, 2007 07:27:00

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Bump Plug	12/03/2007 07:09							GOT BACK 40 BBL CEMENT RETURNS 13.5 SKS BUMPED PLUG @ 250 TOOK TO 850 PSI . CHECKED FLOATS OK
End Job	12/03/2007 07:11							THANKS FOR CALLING HALLIBURTON ERIC & CREW
Post-Job Safety Meeting (Pre Rig-Down)	12/03/2007 07:15							

CEMENTED BACK 13½ SACKS TO PIT

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CONSERVATION DIVISION
WICHITA, KS

Sold To #: 303233

Ship To #: 2616568

Quote #:

Sales Order #: 5532732

SUMMIT Version: 7.20.130

Monday, December 03, 2007 07:27:00

HALLIBURTON

CEMENT PRODUCTION CASING Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 303233		Ship To #: 2616568		Quote #:		Sales Order #: 5532750	
Customer: KANSAS NATURAL GAS OPERATING INC				Customer Rep: PEREZ, NOEL			
Well Name: Hamlin			Well #: 7-3		API/UWI #:		
Field: HUGOTON		City (SAP): UNKNOWN		County/Parish: Finney		State: Kansas	
Contractor: TRINIDAD DRILLING			Rig/Platform Name/Num: 216				
Job Purpose: Cement Production Casing							
Well Type: Development Well				Job Type: Cement Production 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 #
BROADFOOT, RYAN Matthew	15.0	431899	GRAVES, JEREMY L	15.0	399155	HUTCHESON, RICKY G	7.5	428969
OLDS, ROYCE E	7.5	306196	SMITH, BOBBY Wayne	15.0	106036			

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	Date	Time	Time Zone
			Called Out	04 - Dec - 2007	05:30
			On Location	04 - Dec - 2007	02:30
Form Type	BHST		Job Started	04 - Dec - 2007	14:34
Job depth MD	2645. ft	Job Depth TVD	Job Completed	04 - Dec - 2007	15:32
Water Depth		Wk Ht Above Floor	Departed Loc	04 - Dec - 2007	17:30
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.	2645.		
Production Casing	New		5.5	5.012	15.5	8 RD (LT&C)	J-55		2645.		

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			

Miscellaneous Materials

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

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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		10.0	bbl	8.33	.0	.0	6.0	
2	MUD FLUSH	MUD FLUSH II - SBM (508007)	10.0	bbl	8.4	.0	.0	6.0	
3	Lead Cement	MIDCON-2 CEMENT PREMIUM PLUS - SBM (15079)	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	CMT - PREMIUM PLUS CEMENT (100012205)	150.0	sacks	14.8	1.33	6.25	6.0	6.25
	94 lbm	CMT - PREMIUM PLUS - CLASS C REG OR TYPE III, BULK (100012205)							
	0.5 %	HALAD(R)-322, 50 LB (100003646)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	6.245 Gal	FRESH WATER							
5	Water Displacement		64.642	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> (Long STAIR Cement) Hamlin 7-3					

CIRCULATED 48.6 SACKS TO PIT

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HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 303233	Ship To #: 2616568	Quote #:	Sales Order #: 5532750
Customer: KANSAS NATURAL GAS OPERATING INC		Customer Rep: PEREZ, NOEL	
Well Name: Hamlin	Well #: 7-3	API/UWI #:	
Field: HUGOTON	City (SAP): UNKNOWN	County/Parish: Finney	State: Kansas
Legal Description:			
Lat:		Long:	
Contractor: TRINIDAD DRILLING		Rig/Platform Name/Num: 216	
Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Production 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	
Safety Meeting - Service Center or other Site	12/04/2007 01:00							
Arrive at Location from Other Job or Site	12/04/2007 02:30							
Assessment Of Location Safety Meeting	12/04/2007 02:30							Sandy and small location.
Safety Meeting - Pre Rig-Up	12/04/2007 02:35							pump truck
Call Out	12/04/2007 05:30							
Other	12/04/2007 10:00							bulk trucks on location
Other	12/04/2007 10:00							Casing going in the hole. Float equipment started.
Safety Meeting - Pre Rig-Up	12/04/2007 10:05							bulk trucks
Other	12/04/2007 14:00							Casing on bottom. Rig circulating.
Safety Meeting	12/04/2007 14:25							location
Start Job	12/04/2007 14:34							
Test Lines	12/04/2007 14:35						3300.0	kick outs 2000
Pump Spacer 1	12/04/2007 14:37		5	10			200.0	water
Pump Spacer 1	12/04/2007 14:39		5	10			200.0	mud flush
Pump Lead Cement	12/04/2007 14:43		7	118.38			300.0	230 sk @ 11.4 #. top of lead cement @ surface
Pump Tail Cement	12/04/2007 14:59		7	35.53			300.0	150 sk @ 14.8 # top of tail cement @ 1498.6 ft

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Sold To #: 303233

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Quote #:

Sales Order #:

5532750

SUMMIT Version: 7.20.130

Tuesday, December 04, 2007 03:51:00

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Drop Plug	12/04/2007 15:05							
Pump Displacement	12/04/2007 15:14		7	63.07	0		75.0	water
Bump Plug	12/04/2007 15:30		2		63.07	650.0	1250.0	
Check Floats	12/04/2007 15:31							float held
End Job	12/04/2007 15:32							25 bbls of cement to surface. = 48.6 sk
Safety Meeting - Pre Rig-Down	12/04/2007 15:35							
Safety Meeting - Departing Location	12/04/2007 17:30							
Depart Location for Service Center or Other Site	12/04/2007 17:30							Thank you for calling Halliburton. Bob Smith and crew.

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Tuesday, December 04, 2007 03:51:00