#### Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 September 1999 Form Must Be Typed

### WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32787	API No. 15 - 081-21579-00-00
Name: Kansas Natural Gas Operating, Inc.	County: Haskell
Address: P.O. Box 815	S/2 -SW - Sw - Sec. 19 Twp. 29 S. R. 32 ☐ East 🗸 West
City/State/Zip: Sublette, KS 67877	250' feet from (S) / N (circle one) Line of Section
Purchaser: WGP-KHC, LLC.	4697' feet from (E) / W (circle one) Line of Section
Operator Contact Person: Mr. Steve Lehning	Footages Calculated from Nearest Outside Section Corner:
Phone: (620 ) 675-8185	(circle one) NE SE NW (SW)
Contractor: Name: Cheyenne Drilling - LP	Lease Name: Voshell Well #: 1-A (Replace)
License: 33375	Field Name: Hugoton - Chase Series
Wellsite Geologist: Mr. Ron Osterbuhr	Producing Formation: Chase Formation
Designate Type of Completion:	Elevation: Ground: 2920' Kelly Bushing: 2927'
J Name of the State of the Stat	
OilSWD SIOWTemp. Abd.	Amount of Surface Pine Set and Cemented at 721' Feet
✓ GasENHRSIGW KCC WICH!	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tosx cmt.
Well Name:	All I was so w
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AI+   NCR 8-5-08 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content NA ppm Fluid volume 135 bbls
Plug Back Plug Back Total Depth	Dewatering method used Remove Excess - Dry - Backfill
Commingled Docket No	•
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name: Nichols - LLC
April 27, 2005 April 29, 2005 May 13, 2005	Lease Name: Sublette - W-1 License No.: 31983
Spud Date or Date Reached TD Completion Date or	Quarter NW Sec. 01 Twp. 32 S. R. 33 East 🗸 West
Recompletion Date Recompletion Date	County: Seward Docket No.: D-27972
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. It months if requested in writing and submitted with the form (see rule 82-3-101 and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulat herein are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
Signature: Stwe Lehrung	KCC Office Use ONLY
Title: Supt. Date: 5-25-05	Letter of Confidentiality Received
Subscribed and sworn to before me this 25 <sup>th</sup> day of May	If Denied, Yes Date:
	Wireline Log Received
20 <u>05</u> .	Geologist Report Received
Notary Public: Kray Library	UIC Distribution
Date Commission Expires:	
KRAIG L. GROSS	

#### Side Two

ORIGINAL

Operator Name: Ka	ansas Natural Gas	S Operation	ng, Inc.	Lea	ase Name:	Voshell		Well #: 1-4	(Replace)
	29 S. R. 32				inty: Hask			·	
tested, time tool ope temperature, fluid re	Show important tops en and closed, flowin ecovery, and flow rate gs surveyed. Attach	ig and shut es if gas to	in pressures, surface test, a	whethe	r shut-in pr	essure reached	static level, hyd	rostatic pressu	
Drill Stem Tests Tak		Y	es 🗸 No		<b>⊘</b> ı	Sample			
Samples Sent to Ge	,	<b></b> ✓ Y	es 🗌 No		Nan B/S	ne tone Corral		Top +1088'	Datum 1839'
Cores Taken	•		_			ollenberg		+331'	2596'
Electric Log Run (Submit Copy)		₹ Ye			1	errington		2635'	+292'
List All E. Logs Run	•				T/Kı			2654'	+273'
-						infield		2716'	+211'
Dual - Space	d Gamma Ray	/ Neutro	on			ary Total Dep	oth	2740'	+187'
					Log	Total Depth		2741'	+186'
		Repor	CASING		_	ew Used ermediate, produc	tion, etc.		
Purpose of String	Size Hole Drilled		e Casing (In O.D.)		Veight	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Pipe		8 5/8"	(III 0.0.)	23#		728'	Common	320	10% Salt - 5% Calset
Production Pipe 7 7/8" 5 1/2"		5 1/2"	14#			2739'	Common	350	10% Salt - %5 Calset
	7,000		ADDITIONAL	CEMEN	ITING / SQI	JEEZE RECORD	)		
Purpose:  Perforate	Iop Bottom		pe of Cement #Sacks U				Type and	Percent Additives	RECEIV MAY 2 6 20 KCC WICH
Protect Casing Plug Back TD Plug Off Zone	i								MAY 25 DO
Ting Oil Zoile		<u> </u>		<u> </u>					KCC WIN
Shots Per Foot	PERFORATI Specify	ON RECOR Footage of E	D - Bridge Plug	s Set/Ty <sub>l</sub>	pe		cture, Shot, Cemer		rd Depth
4 Shots P/Foot	2640' - 2648' KB	}		****		Acid			
	2658' - 2668' KB	}				and 12			
	2684' - 2690' KB	,				·		** (***)	
	KB =	= 7' (96 H	oles)			Frac: 60,000	0# of 16/30 Sa	and Nitrogen	foam
						at 45 Bbls. p	per minute at	1# - 5# per g	allon.
TUBING RECORD 23	Size /8" EUE 8 Rd Tubing	Set At 2686'		Packe None	r At	Liner Run	Yes ✓ No	)	
	d Production, SWD or E		Producing Meth		Flowing				er (Explain)
Estimated Production		Bbls.	Gas	Mcf	Wate			Gas-Oil Ratio	Gravity
Per 24 Hours			NA		NA	Di		uas-VII Adil0	0.7206
Disposition of Gas	METHOD OF C	OMPLETIO	N ·			Production Inter-			
Vented Sold	✓ Used on Lease ubmit ACO-18.)		Open Hole	<b>√</b> P€	erf. 🔲 C	ually Comp.	Commingiou _	2640' - 2648' 2684' - 2690	KB, 2658' - 2668' KB ' KB

#### DRILLING & GEOLOGICAL SUMMARY

ORIGINAL

OPERATOR: Kansas Natural Gas, Inc.

WELL NAME: Voshell #1-A

LOCATION: 250' FSL, 4697' FEL sec19-T29S-R32W

**ELEVATIONS: GL-2920', KB-2927'** 

**SPUD DATE: 04/27/2005** 

**DRILLING COMPLETED:** 

TOTAL DEPTH: 2740'

**COUNTY:** Haskell

API #: 15-081-21579

**GRADE:** J-E

DRILLING CONTRACTOR: Cheyenne Drlg.-Rig#8

04/28/2005

**KCC #:** 33375

KCC #: 5269

SURFACE CASING SIZE: 8 5/8" WEIGHT: 23#

**DEPTH: 728'** 

**CEMENT:** 195sx of A-Con, 125sx of Common

CASING EQUIPMENT: "Texas" pattern shoe, baffle plate, 3 centralizers

**COMMENTS:** circulated 67sx cement to pit. Deviation-3/4°

PRODUCTION CASING SIZE: 5.5" WEIGHT: 14# GRADE: J-55 DEPTH: 2739'

1st STAGE CEMENT: 200sx A-Con, 150sx AA-2

2nd STAGE CEMENT:

CASING EQUIPMENT: guide shoe w/integral latch-down baffle, 10 centralizers.

**COMMENTS:** circulated 60 sx cement to pit. Deviation – 2°

**OPEN-HOLE LOGS:** none

**CASED-HOLE LOGS: GRN-CCL** 

**SIGNIFICANT DEPTHS:** (log depths measured from-KB @ 2927)

horizon	depth	datum	remarks
B/Stone Corral	1839'	+1088'	
T/Hollenberg	2596'	+ 331'	
T/Herington	2635'	+ 292' perforate	ed 2640'-2648'
T/Krider	2654'	+ 273' perforate	ed 2658'-68', 2684'-90'
T/Winfield	2716'	+ 211'	
Rotary total depth	2740'	+ 187'	
Log Total depth	2741'	+ 186'	

**PERFORATIONS:** 2640'-2648', 2658'-2668', 2684'-2690', (all w/4spf).

ACID TREATMENTS: 2500 gallons 15% FE-MCA acid at average rate of 5.9 bpm at average pressure of

124#, with maximum pressure of 957#. ISIP was 0#.

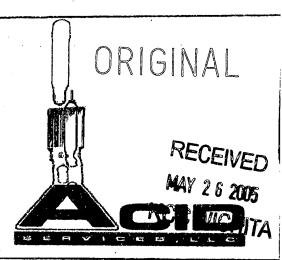
FRACTURE TREATMENTS: 60,000# 15-30 sand; 288 bbls treated water; 245,000 scf N<sub>2</sub>.

REMARKS:

Ron Osterbuhr 05/11/2005

MAY 2 6 2005

KCC WICHITA



## **Cement Callsheet**

COMPANY	•	Cheyenne Drilling	API NUMBER						
H2S WELL 7	7	CONTRACTOR	Cheyenne #8		COUNTY		askeli	STATE	Ks
LEASE	· · · · · · · · · · · · · · · · · · ·	Voshell	WELL# #1A	SEC	24	TWP	<b>29S</b>	RANGE	33W
DIRECTIONS	Sublette, I	Kansas-2 miles North-1	mile West						
***************************************									
	<del></del>		(85	18" C	JURFACE CEN	MENT JO	(8		
<del></del>				<del></del>	1		**		
Surface		**	TA	<del>,</del>					
	50'	Long String	Squeeze	ľ	Casing Size 8 5/8	4 '	hrad Srd	Weight 24	4.44
PTA	~	Intermediata	Liner		Tubing /Drift Pipe		hread	24# Weight	
Equipment					Packer		ridge Plug	Plug Containe	
•	Pu	mp truck & Bulk T	ruck					YE	
	A-111				Swage YES		and the second	Squeeze Men	illoid
Romaria:				1	·		<del></del>		<del></del>
			· · · · · · · · · · · · · · · · · · ·						
			CEMENT DA	TA		····		<del></del>	
LEAD	Weight PPG	Туре			Additives:	***************************************	<del>~~</del>		
	12.3 ppg	A-Con (	(common)		30	% CC, 1	/4# cellfla	ike	
Sects	Expens	Yelld F13/ek	Water Gal/sk	-					
195 sk	100%	2.36 cuft/sk	14.91 galions						
TAIL	Weight PPG 14.8 ppg	Class	s "A"	<b>"</b>	Additives: 2% CC, 1/4# celifiake				
Sector	Excess	Yeiki Ft3/sk	Water Gal/ek	-			<del></del>	<del></del>	
125 sk	100%	1.37 cuft/sk	6,64 gallons						
LEAD	Weight PPG	Type Torol On The St	.=	- 1	Additivas:				
-	<u> </u>	TOTAL CEMENT SLUED - TOTAL VOLUME WAS - 1	75 RARDELS	-1	Displaceme B	tump plus	750 # .	Barrels	
Sacts	Excess	Yelid F(3/sk	Water Gal/sk					14	- ^-
	<del></del>	M	LOAT EQUIP	ME	Nili	D HITADA	MAIEN	67 SACKS	10 11
PART #	SIZE		IPTION	T		SED	#1	RETURN	ARD.
F800		<del></del>	llock Kit			0a	-		- INA-
F145	8 5/8"	Top Rub	ober Plug	T		68		<del></del>	
F233	8 5/8"		sert Float Valveq			68			
F103	8 5/8"	Centre	alizers			<b>68</b>			
									***************************************
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<del></del>	<b></b>								***************************************
***************************************	1	1	•					Mariana	



# **Cement Callsheet**

COMPANY	(	<b>Cheyenne Drilling</b>		NUMBER			120					
H2S WELL ?		CONTRACTOR	Che	yenne #	8	COUNTY	14.00	askell	STATE	Kansas		
LEASE	<u></u>	Voshell	WELL#	1-A	SEC	19	TWP	298	RANGE	32S		
DIRECTIONS												
					<u>51/2</u>	" PRODU	AJON PI	PE CEMI	ent Job	<u> </u>		
		,					····					
Surface		Long String	Squeeze		· 	Casing Size	177	nread	Weight	غر		
Surface		2800'	Oquecze			5 1/2'		8rd	1 -	5.5#		
PTA		Intermediale	Liner			Tubing /Drill Pipe	Size TI	read	Weight			
Equipment		<u> </u>				Packer	Bı	idge Plug	Plug Contai			
	Pur	np truck & 2 Bulk	truck						Y	ES		
						Swage	M	ud	Squeeze Ma	anifold		
					1	YES						
Remarks:					<del></del>							
100	alal 1	on: 338	Side	1m	1							
LEAD	Weight PPG	Туре	CEMI	ENT DA		Additives		· · · · · · · · · · · · · · · · · · ·				
LEAD	14.8 ppg	1 **	common)		ľ	Additives: 10% Salt, 5% Calset, .2% Defoamer, .8%						
							-	2, 1/4# cel		,		
Sacks	Excess	Yeild Ft3/sk	Water Gal/sk			·						
150 sk	35%	1.49 cuft/sk	1	gallons		. %						
TAIL	Weight PPG	Туре				Additives:	<del></del>	<del></del>	<del></del>			
r: -	12.3 ppg	A-Con	(common)		. 1	3% CC, 1/4# cellflake						
Sacks	Excess	Yeild Ft3/sk	Water Gal/sk							<del></del>		
200 sk	35%	2.36 cuft/sk	14.0	1 gallons								
LEAD	Weight PPG	Туре			ľ	Additives:						
			•									
Sacks	Excess	Yeild Fl3/sk	Water Gal/sk					· · · · · · · · · · · · · · · · · · ·				
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PART # F191	5 1/2	<del> </del>	RIPTION Guide Sho			<del></del>	SED ea	# 1	RETUR	NED		
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F171	5 1/2"	<del></del>		Raffle			ea					
F800	<del>                                     </del>		IR Latch Down Plug & Baffle Threadlock Kit							MLATTAL		
C302	†	Mud		····	ea Jallons			·-··				
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		M.	AY 26 200	5		1						
		VO	C WICH	ITA.								
Ondon-15			O VVICIO	11/1								
Ordered By Call Taken By	Cheyenne #	8	·					Date of Job	4-2	6-05		
Valianterity						<u> </u>		Time Ready	<u> </u>			

### ORIGINAL

### TREATMENT REPORT

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Customer Re	preser	ntative					Statio	n Manag	JERR	y /	BENA	J5TT		Treater	n FRI	DEKI	111	
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ORIGINAL

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