

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

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 32787
Name: Kansas Natural Gas Operating, Inc.
Address: P.O. Box 815
City/State/Zip: Sublette, KS 67877
Purchaser: WGP-KHC, LLC.
Operator Contact Person: Mr. Steve Lehning
Phone: (620) 675-8185
Contractor: Name: Cheyenne Drilling - LP
License: 33375
Wellsite Geologist: Mr. Ron Osterbuhr

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Allev.
 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>April 25, 2005</u>	<u>April 27, 2005</u>	<u>May 20, 2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 081-21578-00-00
County: Haskell
NW - NW - NW - Sec. 24 Twp. 29 S. R. 33 East West
4950' feet from (S) N (circle one) Line of Section
4950' feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Birney Well #: 1-A (Replace)

Field Name: Hugoton - Chase Series
Producing Formation: Chase Formation
Elevation: Ground: 2926' Kelly Bushing: 2933' KB

Total Depth: 2742' Plug Back Total Depth: 2742'
Amount of Surface Pipe Set and Cemented at 726' 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 A11 1 NCR 8-5-08
(Data must be collected from the Reserve Pit)

Chloride content NA ppm Fluid volume 120 bbls
Dewatering method used Remove Excess - Dry - Backfill

Location of fluid disposal if hauled offsite:
Operator Name: Nichols - LLC

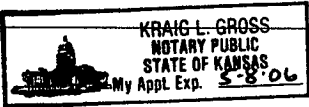
Lease Name: Sublette - W-1 License No.: 31983
Quarter NW Sec. 01 Twp. 32 S. R. 33 East West
County: Seward Docket No.: D-27972

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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: 5-25-05
Subscribed and sworn to before me this 25th day of May,
20 05.
Notary Public: Kraig L Gross
Date Commission Expires: _____



KCC Office Use ONLY

NO Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Kansas Natural Gas Operating, Inc. Lease Name: Birney Well #: 1-A (Replace)
 Sec. 24 Twp. 29 S. R. 33 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

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
B/Stone Corral	+1078'	1855'
T/Hollenberg	+311'	2622'
T/Herrington	2651'	+282'
T/Krider	2671'	+262'
T/Winfield	2724'	+209'
Rotary Total Depth	2740'	+193'
Log Total Depth	2742'	+191'

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
Surface Pipe	12 1/4"	8 5/8"	23#	728'	Common	320	10% Salt - 5% Calset
Production Pipe	7 7/8"	5 1/2"	14#	2739'	Common	350	10% Salt - %5 Calset

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	2652' - 2660' KB	Acid: 2,500 Gallons of 15% Fe-MCA Acid and 120 Bbls. of 2% KCL. Frac Job: 60,000# of 16/30 Nitrogen foam frac at 45 Bbls. per minute at 1# - 5# per gallon.	
	2672' - 2682' KB		
	2695' - 2699' KB		
	KB = 7' (88 Holes)		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8" EUE 8 Rd Tubing	2695' G.L.	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
Pending Pipeline Connection		<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		0.6861

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 2652' - 2660' KB, 2672' - 2682' KB
2695' - 2699' KB

DRILLING & GEOLOGICAL SUMMARY

ORIGINAL

OPERATOR: Kansas Natural Gas, Inc. **KCC #:** 5269
WELL NAME: Birney #1-A **API #:** 15-081-21578
LOCATION: 4950' FSL, 4950' FEL sec24-T29S-R33W **COUNTY:** Haskell
ELEVATIONS: GL-2926', KB-2933' **TOTAL DEPTH:** 2740'
SPUD DATE: 04/25/2005 **DRILLING COMPLETED:** 04/26/2005
DRILLING CONTRACTOR: Cheyenne Drlg.-Rig#8 **KCC #:** 33375

SURFACE CASING SIZE: 8 5/8" **WEIGHT:** 23# **GRADE:** J-E **DEPTH:** 728'
CEMENT: 195sx of A-Con, 125sx of Common

CASING EQUIPMENT: "Texas" pattern shoe, baffle plate, 1 centralizer

COMMENTS: circulated 30sx 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 110 sx cement to pit. Deviation - 2 1/4°

OPEN-HOLE LOGS: none

CASED-HOLE LOGS: GRN-CCL

SIGNIFICANT DEPTHS: (log depths measured from-KB @ 2933')

horizon	depth	datum	remarks
B/Stone Corral	1855'	+1078'	
T/Hollenberg	2622'	+ 311'	
T/Herington	2651'	+ 282'	perforated 2652'-2660'
T/Krider	2671'	+ 262'	perforated 2672'-82', 2695'-99'
T/Winfield	2724'	+ 209'	
Rotary total depth	2740'	+ 193'	
Log Total depth	2742'	+ 191'	


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PERFORATIONS: 2652'-2660', 2672'-2682', 2695'-2699', (all w/4spf).

ACID TREATMENTS: 2500 gallons 15% FE-MCA acid at average rate of 5.1 bpm at average pressure of 50#, with maximum pressure of 2308#. ISIP was 0# and a vacuum in 1 minute.

FRACTURE TREATMENTS: 60,000# 15-30 sand; 288 bbls treated water; 245,000 scf N₂.

REMARKS:


Ron Osterbuhr
05/11/2005

TREATMENT REPORT



Customer ID	Date 4-25-05	
Customer CAYENNE Drilling		
Lease BIRNEY	Lease No.	Well # 1-A
Field Order # 9786	Station LIBERAL	County Haskell
Casing 8 5/8	Depth 733	State KS
Type Job 8 5/8 SURFACE (NEW) SURFACE CEMENT	Formation	Legal Description 24-295-734

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/FT		Acid		RATE	PRESS	ISIP
8 1/8				195 sx A-Con				5 Min.
Depth 733	Depth	From	To	Pre-Pad		Max		10 Min.
Volume 44	Volume	From	To	Pad		Min		15 Min.
Max Press 1000	Max Press	From	To	Frac		Avg		HHP Used
Well Connection P.C.	Annulus Vol.	From	To					Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush WATER		Gas Volume		Total Load

Customer Representative	Station Manager JERRY BENNETT	Treater SHAWN FREDERICK
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1530					ON LOCATION / RIG Drilling
1535					PRE-JOB SAFETY MEETING
1540					RIG up P.T.
1730					Through Drilling / All D.P.
1815					RIG up TO RUN CASING
1845					START IN hole w/ CASING / FS.
2130					CASING ON BOTTOM / Hook UP P.C.
2135					BREAK LI
2140					Hook ups TO P.T.
2142	200		100	5	Pump 195 sx A-Con @ 11.5"
2205	0		32		Pump 125 sx Common @ 14.8"
2215					SHUT DOWN / Drop PLUG
2220	100		44	5	Pump Disp
2225	250			5	Cont TO P.T. / 30 BBLs
2235	400			2	SLOW RATE
2230	700			2	LAND PLUG
2231					RELEASE FLOAT - HELD
2300					JOB Complete

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ORIGINAL



FIELD ORDER 9786

INVOICE NO.		Subject to Correction	
Date	Lease	Well #	Legal
4-25-05	Birney	1-A	24-295-33W
Customer ID	County	State	Station
	Haskell	KS	LIBERAL
Depth		Formation	Shoe Joint
			42
Casing	Casing Depth	TD	Job Type
8 5/8	733	728	8 5/8 SURFACE (NW)
Customer Representative			Treater
			Shaun FREDERICK
AFE Number		PO Number	
Materials Received by		X <i>Shaun Frederick</i>	

CHARGE

CHEYENNE Drilling
(KS NATURAL)
CEMENT SURFACE PIPE
(CHEYENNE #8)

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D201	195 SX	A-CON BLEND				
D200	175 SX	Common				
C310	788 lb	CALCIUM CHLORIDE				
C194	76 lb	CELLFLAKE				
F313	1 ea	FLAPPER TYPE INSERT				
F103	3 ea	CENTRALIZER				
F145	1 ea	TOP RUBBER PLUG				
F800	1 ea	THREADLOCK				
R402	2 ea	ADDITIONAL HRS				
E100	30 mi	Units 1 miles 1-way				
E107	300 SX	CMT SERVICE Charge				
E104	453 TM	Tons 15.1 miles 30				
R202	1 ea	CASING Pumper 4hrs				
R701	1 ea	CMT HEAD RENTAL				
E101	30 mi	P.O. Mileage				
Discreted TOTAL						6,726.23
PLUS TAX						

Cement Callsheet



COMPANY	Cheyenne Drilling		API NUMBER							
H2S WELL ?	CONTRACTOR		Cheyenne #8		COUNTY	Haskell		STATE	Kansas	
LEASE	Birney		WELL #	1-A	SEC	24	TWP	29S	RANGE	33W
DIRECTIONS	Sublette, Kansas--2 miles North on Hwy 83--1 mile West									

CEMENT LONG STRING 5 1/2" 14#

Surface	Long String	Squeeze	Casing Size	Thread	Weight
	2800'		5 1/2"	8rd	15.5#
PTA	Intermediate	Liner	Tubing /Drill Pipe Size	Thread	Weight
Equipment	Pump truck & 2 Bulk truck		Packer	Bridge Plug	Plug Container
			Swage	Mud	Squeeze Manifold
			YES		

Remarks: Rig should TD about 7pm....will not log

CEMENT DATA

<i>LEAD TAIL</i>	Weight PPG	Type	Additives:	
	14.8 ppg	AA-2 (common)	10% Salt, 5% Calset, .2% Defoamer, .8% FLA-322, 1/4# cellflake	
Sacks	Excess	Yield Ft ³ /sk	Water Gal/sk	
<i>150 125 sk</i>	35%	1.49 cuft/sk	7.12 gallons	
<i>TAIL</i>	Weight PPG	Type	Additives:	
<i>100</i>	12.3 ppg	A-Con (common)	3% CC, 1/4# cellflake	
Sacks	Excess	Yield Ft ³ /sk	Water Gal/sk	
<i>200 225 sk</i>	35%	2.36 cuft/sk	14.01 gallons	
<i>LEAD</i>	Weight PPG	Type	Additives:	
Sacks	Excess	Yield Ft ³ /sk	Water Gal/sk	

FLOAT EQUIPMENT

PART #	SIZE	DESCRIPTION	#USED	# RETURNED
F191	5 1/2	Regular Guide Shoe	1 ea	
F101	5 1/2"	Turbolizers	10 ea	
F171	5 1/2"	IR Latch Down Plug & Baffle	1 ea	
F800		Threadlock Kit	1 ea	
C302		Mud Flush	500 gallons	
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		<i>(CIRCULATED 110 SKS BACK TO AT)</i>		KCC WICHITA

Ordered By	Cheyenne #8	Date of Job	4-26-05
Call Taken By		Time Ready	

620 - 770 1389

TREATMENT REPORT



Customer ID		Date	
Customer KS NATURAL		4-27-05	
Lease 13IRNEY		Lease No.	Well # 1-A
Order # 2787	Station LIBERAL	Casing 5 1/2	Depth 2742
County HASKELL		State KS	
Formation L.S. (NW)		Legal Description 24-29S-33W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
5 1/2				225 ST A-10N				5 Min.
Depth 2742	Depth	From	To	Pre-Pad 125 ST AA-2		Max		
Volume 65	Volume	From	To	Pad 500 gal MWD FLUSH		Min		10 Min.
Max Press 1500	Max Press	From	To	Frac		Avg		15 Min.
Well Connection PC	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush WATER		Gas Volume		Total Load

Customer Representative	Station Manager JERRY BENNETT	Treater SHAUN FREDERICK
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Service Units	114	227	338	575
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0400					ON LOCATION / RIG Pulling D.P.
0405					PRE-TOE SAFETY MEETING
0410					RIG UP PT.
0515					D.P. OUT OF HOLE / RIG UP TO RUN CAS.
0610					START IN W CASING / F.S.
0800					CASING ON BOTTOM / Hook UP P.D.C.
0805					BREAK I.C.
0830					Hook Loco To P.T.
0842	250		5	4	Pump 5 BBLs WATER Spacer
0852	250		12	4	Pump 500 gal MWD FLUSH
0857	250		5	4	Pump 5 BBLs WATER Spacer
0859	250		116	4	Pump 225 ST A-10N @ 11.5" ²
0920	100		33	6	Pump 125 ST AA-2 @ 14.8" ²
0927					SHUT DOWN / Dump Plug / clear Lines
0933	200		65	6	Pump Disp / Cont To P.t. / 201395 (110 ST)
0940	800			2	SLOW RATS
0945	1500				LAND DLUG
0945					RELEASE PSI / HELD
1100					JOB Complete

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FIELD ORDER 9787



INVOICE NO.		Subject to Correction	
Date	Lease	Well #	Legal
4-27-05	Birney	1-A	24-295-33W
Customer ID	County	State	Station
	HASHELL	KS	LIBERAL
KS NATURAL		Depth	Formation
Casing	Casing Depth	TD	Job Type
5 1/2	2742	2740	5 1/2 L.S. (NW)
Customer Representative		Treater	
FINEST LONG STRIK 5 1/2" 14.7 GARY UNRUH		Shaun FREDERICK	
(CHEYENNE #8)			
AFE Number	PO Number	Materials Received by	
		X Gary Clark	

A
R
G
E

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D205	125 SX	AA-2 (COMMON)				
D201	225 SX	A-Low BLEND				
C310	1236 lb	CALCIUM CHLORIDE				
C194	83 lb	CELLELAK				
C243	24 lb	Defoamer				
C195	95 lb	FLA-322				
C221	745 lb	SALT				
F191	1 CG	GUIDE shoe REC.				
F101	10 CG	TURBOLIZER				
F171	1 CG	IR LATCH DOWN P+B				
F800	1 CG	THREAD LOCK				
C307	500 gal	MUD FLUSH				
E100	30 m	Units 1 miles 1-way				
E107	350 SX	CMT SERVICE charge				
E104	495 Tm	Tons 17 miles 30				
E101	30 m	P.V. Mileage				
R200	1 CG	CMT Pump 4 hrs				
R701	1 CG	CMT HEAD RENTAL				
DISCOUNTED TOTAL						
(includes 100 SKS SAC TO PT)						
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					MAY 26 2005	8,934.75
					KCC WICHITA	