

ORIGINAL

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

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: 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 SIOW 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. _____

May 17, 2006 May 18, 2006 June 6, 2006
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 055-21902-00-00
County: Finney
SW SW SW NW Sec. 19 Twp. 24 S. R. 34 East West
2840' feet from (S) N (circle one) Line of Section
5080' feet from (E) W (circle one) Line of Section

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

Producing Formation: Chase Formation
Elevation: Ground: 2932' Kelly Bushing: 2939' KB
Total Depth: 2590' Plug Back Total Depth: 2586'
Amount of Surface Pipe Set and Cemented at 887' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ sx cmt.

Alt 1 - Dlg - 11/5/08^W
Drilling Fluid Management Plan
(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 Fluid, 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

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, Supt.
Title: Supt. Date: 6-15-06

Subscribed and sworn to before me this 15th day of June

20 06
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

JUN 15 2006

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Side Two

Operator Name: Kansas Natural Gas Operating, Inc. Lease Name: Finnup Well #: 1-A (Replace)
Sec. 19 Twp. 24 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 (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy)
List All E. Logs Run: (Dual - spaced gamma ray neutron log)
Log Formation (Top), Depth and Datum
Sample
Name Top Datum
B/Stone Corral 1862' +1076'
T/Hollen Berg 2393' +545'
T/Herrington 2420' +518'
T/Krider 2445' +493'
T/Winfield 2481' +457'
T/Towanda 2541' +397'
Rotary Total Depth 2590' +348'
Log Total Depth 2586' +352'

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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.
Rows: Surface Pipe, Production Pipe

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.
Purposes: Perforate, Protect Casing, Plug Back TD, Plug Off Zone

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) Shot P/Foot
2427'-2433' KB
2448'-2456' KB
2488'-2494' KB
2544'-2552' KB
KB = 7' (112 Holes)
670,000 SCF Nitrogen Foam.

TUBING RECORD
Size Set At Packer At Liner Run
2 3/8" EUE 8 RD Tubing 2547.09' G.L. None
Liner Run Yes No
Date of First, Resumerd Production, SWD or Enhr. Pending Pipeline Connection
Producing Method Flowing Pumping Gas Lift Other (Explain)
Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity
NA NA 0.7345

Disposition of Gas METHOD OF COMPLETION Production Interval
Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify)
2427'-2433' 2488'-2494'
2448'-2456' 2544'-2552'

ALLIED CEMENTING CO., INC. 24052

Federal Tax I.D.#

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Oakley

DATE	SEC	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
5-17-06	19	24s	34w		6:20 PM	11:00 PM	11:30 PM
LEASE	WELL #	LOCATION		COUNTY	STATE		
Funrup	1-A	Deerfield & Hwy 50 1/2 S 1/2 E		Finney	KS		
OLD OR NEW (circle one)		Surface Pipe Cement 1 1/2 S 5/8					

CONTRACTOR Cheyenne Drlg Rig 8
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 895'
 CASING SIZE 8 5/8 DEPTH 897'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 42.20'
 CEMENT LEFT IN CSG. 42.20'
 PERFS.
 DISPLACEMENT 54 1/2 Bbls

OWNER Kansas Natural Gas
 CEMENT
 AMOUNT ORDERED 125 sks com 3% CC
300 sks Lite 3% CC 1/4" Flo Seal

EQUIPMENT
 PUMP TRUCK CEMENTER Dean
 # 373-281 HELPER Andrew
 BULK TRUCK
 # 399 DRIVER Lonnice
 BULK TRUCK
 # 377 DRIVER Kelly

COMMON @
 POZMIX @
 GEL @
 CHLORIDE @
 ASC @
 @
 @
 @
 @
 @
 @
 @
 HANDLING @
 MILEAGE

REMARKS:

Cement did circulate,
 cemented 8 5/8 csg w/ 300 sks Lite
 3% CC 1/4" Flo Seal & 125 sks com
 3% CC, Disp Plug w/ 54 1/2 Bbls
 LIFT Press 350#. Plug landed
 at 800' float held.
 Thank you

TOTAL

SERVICE

DEPTH OF JOB
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @
 MILEAGE **RECEIVED**
 MANIFOLD @

JUN 15 2006

KCC WICHITA

CHARGE TO: Cheyenne Drlg
 STREET
 CITY STATE ZIP

TOTAL

8 5/8 PLUG & FLOAT EQUIPMENT

8 5/8" SURFACE Casing Cement Job.
 Circulates approximately 50
 sacks cement to pit.

APU Insert @
 3- Centralizers @
 1- 8 5/8 Rubber Plug @
 1- Box Tread Lock @

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment
 and furnish cementer and helper to assist owner or

ALLIED CEMENTING CO., INC.

22288

Federal Tax I.D.#

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Oakley

DATE <u>5/1/16</u>	SEC. <u>19</u>	TWP. <u>24</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>ST. LOUIS</u>	JOB START <u>12:30 PM</u>	JOB FINISH <u>1:45 PM</u>
LEASE <u>Finnup</u>	WELL # <u>1A</u>	LOCATION <u>Deep River 2 1/2 mi. S. 1/4</u>			COUNTY <u>Finney</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)				<u>(Finnup 1-A)</u>			

CONTRACTOR Wagoner

TYPE OF JOB Drill site

HOLE SIZE 7" T.D. 259'

CASING SIZE 5 1/2" 15.50" DEPTH 261'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM 15'

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 62.115

OWNER Wagoner Natural Gas Properties LLC

CEMENT (Production Casing Cement Job)

AMOUNT ORDERED

300 sks Lite + 1/2 flt seal

150 sks Class. C + 1/2 FL-160

COMMON	<u>150</u>	@	<u>13.25</u>	<u>1987.50</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
ASC		@		
	<u>150</u>	@	<u>9.71</u>	<u>1456.50</u>
	<u>75</u>	@	<u>1.80</u>	<u>135.00</u>
	<u>75</u>	@	<u>16.65</u>	<u>1248.75</u>
		@		
		@		
		@		
		@		
HANDLING	<u>475</u>	@	<u>1.70</u>	<u>807.50</u>
MILEAGE	<u>7.1</u>	@		<u>1995.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Max

191 HELPER Wagoner

BULK TRUCK

294 DRIVER Larry

BULK TRUCK

710 DRIVER Allen

REMARKS:

5 1/2" casing 1100' 2000' 111' +

1500' 1100' 1100' 1100' 1100'

1100' 1100' 1100' 1100' 1100'

1200 PSE 1800 PSE

50 sks circ. to pit

**5 1/2" Production Casing
CEMENT JOB**

CHARGE TO: Wagoner

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL

SERVICE

DEPTH OF JOB	<u>259'</u>		
PUMP TRUCK CHARGE			<u>1450.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>60 mi</u>	@	<u>5.00</u> <u>300</u>
MANIFOLD		@	

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KCC WICHITA

TOTAL

PLUG & FLOAT EQUIPMENT

<u>1.50</u>	@	<u>160.00</u>
<u>1.00</u>	@	<u>500.00</u>
<u>1.50</u>	@	<u>300.00</u>
	@	
	@	

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment
and furnish cementer and helper to assist owner or

DRILLING & GEOLOGICAL SUMMARY

OPERATOR: Kansas Natural Gas, Inc. **KCC #:** 5269
WELL NAME: Finnup #1-A **API #:** 15-055-21902
LOCATION: 5080' FEL, 2840' FSL sec19-T24S-R34W **COUNTY:** Finney
ELEVATIONS: GL-2932', KB-2938' **TOTAL DEPTH:** 2735'
SPUD DATE: 05/17/2006 **DRILLING COMPLETED:** 05/18/2006
DRILLING CONTRACTOR: Cheyenne Drlg.-Rig#8 **KCC #:** 33375

SURFACE CASING SIZE: 8 5/8" **WEIGHT:** 24# **GRADE:** **DEPTH:** 887'
CEMENT: 300sx of LITE, 125sx of Common

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

COMMENTS: circulated 50sx cement to pit. Deviation-3/4°

PRODUCTION CASING SIZE: 5.5" **WEIGHT:** 15# **GRADE:** J-55 **DEPTH:** 2589'
1st STAGE CEMENT: 300sx LITE, 150sx Class C

2nd STAGE CEMENT:

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

COMMENTS: circulated 50 sx cement to pit. Deviation - 3/4°

OPEN-HOLE LOGS: none

CASED-HOLE LOGS: G/R-DSN-CCL

SIGNIFICANT DEPTHS: (log depths measured from-KB @ 2938')

horizon	depth	datum	remarks
B/Stone Corral	1862'	+1076'	
T/Hollenberg	2393'	+ 545'	
T/Herington	2420'	+ 518'	perforated 2427'-2433'
T/Krider	2445'	+ 493'	perforated 2448'-2456'
T/Winfield	2481'	+ 457'	perforated 2488'-2494'
T/Towanda	2541'	+ 397'	perforated 2544'-2552'
Rotary total depth	2590'	+ 348'	
Log Total depth	2586'	+ 352'	

PERFORATIONS: 2427'-2433', 2448'-2456', 2488'-2494', 2544'-2552' (all w/4spf).

ACID TREATMENTS: 2800 gallons 15% FE-MCA acid at average rate of 5.8 bpm at average pressure of 227#, with maximum pressure of 747#. ISIP was 0#.

FRACTURE TREATMENTS: 139,200# 16-30 sand; 657 bbls treated water; 670,000 scf N₂.

REMARKS:



Ron Osterbuhr
06/2006

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Ron Osterbuhr
06/2006

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CONSERVATION DIVISION
WICHITA, KS