

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 009-245930000 ORIGINAL

County Barton

SW - SW - SW Sec. 8 Twp. 20 Rge. 15 X ^E _W

330 Feet from S (circle one) Line of Section

330 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or S (circle one)

Lease Name Freeburg Well # 8-13

Field Name Adolph

Producing Formation None

Elevation: Ground 2076 KB 2081

Total Depth 4054 PBTD N/A

Amount of Surface Pipe Set and Cemented at 1106 (KB) Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D&A 99% 11-16-95
(Data must be collected from the Reserve Pit)

Chloride content 4000 ppm Fluid volume 1900 bbls

Dewatering method used Air Dry

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 5270

Name: K N Energy

Address P O Box 281304

Lakewood CO 80228-8304

City/State/Zip _____

Purchaser: N/A

Operator Contact Person: Bob Sencenbaugh

Phone (303) 989-1740

Contractor: Name: Allen Drilling

License: 5418

Wellsite Geologist: James C. Musgrove

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:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PBTD
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

7-13-95 7-19-95 7-20-95
Spud Date Date Reached TD Completion Date

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 on 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 Robert N. Sencenbaugh

Title Engineer Storage Operations Date 7-24-95

Subscribed and sworn to before me this 24 day of July, 19 95.

Notary Public [Signature]

Date Commission Expires 12-31-98

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
STATE CORPORATION COMMISSION
KCC STATE CORP. DIVISION
KGS (Specify)
JUL 27 1995

CONSERVATION DIVISION
WICHITA, KANSAS

SIDE TWO

Operator Name K N Energy Inc Lease Name Freeburg Well # 8-13

Sec. 8 Twp. 20 Rge. 15 East West
 County Barton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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: SD, DSN, GR,
 DIL, GR, SP.

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
	Name	Top Datum
	Arbuckle	3948 -1865
	Base KC	3738 -1655
	Lansing	3511 -1428
	Brown Lime	3500 -1417
	Heebner	3416 -1333
	Queen Hill	3318 -1235
	King Hill	3249 -1166
	Red Eagle	2586 -503
	Krider	2035 46
	Herrington	2017 64

CASING RECORD <input type="checkbox"/> New <input checked="" 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	12 1/4"	8 5/8"	28	1106	60/40 Poz	425	3%CC 2%Gel

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				

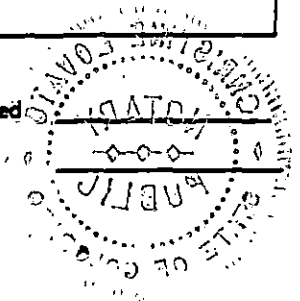
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Pecker At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj.	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 <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> 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. Commingled Other (Specify) _____

Production Interval: _____



ALLIED CEMENTING CO., INC. 1011

15.009.24593.0000

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

ORIGINAL

SERVICE POINT: Greys Dead

DATE <u>7-20-95</u>	SEC <u>8</u>	TWP. <u>20</u>	RANGE <u>15</u>	CALLED OUT <u>5:00 AM</u>	ON LOCATION <u>6:30 AM</u>	JOB START <u>8:15 AM</u>	JOB FINISH <u>11:30 AM</u>
LEASE	WELL #	LOCATION <u>Mentioned Church</u>		COUNTY <u>Barlow</u>		STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Allen
 TYPE OF JOB Rotary Plug
 HOLE SIZE 12 1/4 7/8 TD. 44050
 CASING SIZE 8 5/8 DEPTH 100
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.

OWNER same

CEMENT AMOUNT ORDERED 190sk 2 1/2 68 Gel

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

EQUIPMENT

PUMP TRUCK CEMENTER Don H
 # 181 HELPER Tim D
 BULK TRUCK DRIVER
 # DRIVER
 BULK TRUCK DRIVER RICK W
 # DRIVER

TOTAL

REMARKS:

Pumped 21sk at 3953
40sk at 4120 100sk at 650
10sk at 40' 15sk at RH
BY Allied Cementing
Don H
Tim D

SERVICE

DEPTH OF JOB 3953
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @
 MILEAGE @
 PLUG 18 1/2 wooden @
 @
 @

RECEIVED
 STATE CORPORATION COMMISSION

JUL 27 1995

CONSERVATION DIVISION
 WICHITA, KANSAS

TOTAL

CHARGE TO: KN Energy Inc
 STREET Po Box 281304
 CITY Lakewood STATE CO ZIP 80228
8304

Plugging orders were given by Dennis Hamel, 7/18/95

TOTAL

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX
 TOTAL CHARGE
 DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Mike Kern

ALLIED CEMENTING CO., INC.

2832

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

ORIGINAL

SERVICE POINT:

West Bend

DATE <i>7-14-95</i>	SEC. <i>8</i>	TWP. <i>20</i>	RANGE <i>15</i>	CALLER OF <i>3 9/10</i>	ON LOCATION <i>3 9/10</i>	JOB START <i>9 AM</i>	JOB FINISH <i>10</i>
LEASE <i>Freeburg</i>	WELL # <i>8-13</i>	LOCATION <i>Panaca Rock 5th 2nd N/S</i>	COUNTY <i>Barton</i>	STATE <i>K 5</i>			

OR NEW (Circle one)

CONTRACTOR *Allen Drilling Rig #3*

TYPE OF JOB *Surface Pipe Job*

HOLE SIZE *12 1/4" T.D. 1106 ft*

CASING SIZE *8 3/4" DEPTH 1106 ft*

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE *1086* JOE JOINT *67.666*

CEMENT LEFT IN CSG. *20 ft*

PERFS. *Displace mud*

OWNER *H.N. Energy Inc*
CEMENT

AMOUNT ORDERED
425 68 37cc 27gal

EQUIPMENT

PUMP TRUCK CEMENTER *Mike m.*

120 HELPER *Duane s*

BULK TRUCK

_____ DRIVER _____

BULK TRUCK

261 DRIVER *Bucc*

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

REMARKS:

SERVICE

Circulate Hole with Rig and Pump

Mix Cement Release plug

Displace it down with water

Cement Plug Circulate to surface

DEPTH OF JOB *1106 ft*

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG *8 3/4" Rubber Plug* @ _____

_____ @ _____

TOTAL _____

CHARGE TO: *Allen Drilling*

STREET *Box 31 2832*

CITY *Lawrence* STATE *KS* ZIP *66044*

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

Thank you

Allied Cementing Co.

Mike + Duane + Bill

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE *Mike Kera*

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS