

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

009-245940000

Operator: License # 5270

Name: K N Energy Inc.

Address PO Box 281304
Lakewood

City/State/Zip CO 80228-8304

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 SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: ORIGINAL

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. _____

7/24/95 7/29/95 7/31/95
Spud Date Date Reached TD Completion Date

API NO. 15- Barton

County Barton
- NW - NE - SE Sec. 8 Twp. 20 Rge. 15 E W

2310 Feet from N (circle one) Line of Section
990 Feet from W (circle one) Line of Section

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

Lease Name ED&J Well # 8-9

Field Name Ado1ph

Producing Formation None

Elevation: Ground 2070 KB 2076

Total Depth 4011 PBTD N/A

Amount of Surface Pipe Set and Cemented at 1091 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 D&A JH 11-8-95
(Data must be collected from the Reserve Pit)

Chloride content 5000 ppm Fluid volume 1900 bbls

Dewatering method used Air Dry

Location of fluid disposal Onsite Offsite:
STATE CORPORATION COMMISSION

Operator Name N/A AGG 07 1995

Lease Name _____ License No. _____

Quarter Sec. WICHITA, KANSAS Twp. _____ S Rng. _____ E/W

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 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 8/3/95

Subscribed and sworn to before me this 3rd day of August 1995.

Notary Public Justa L. Crisler

Date Commission Expires My Commission expires March 8, 1999

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

Operator Name K N Energy Inc

Lease Name ED & J

Well # 8-9

Sec. 8 Twp. 20 Rge. 15

East

County Barton

West

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: CDL, CNS, DIL, SP, GR

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Arbuckle	3947	-1866
Conglomerate	3753	-1672
Base KC	3739	-1658
Lansing	3512	-1431
Douglas	3446	-1365
Heebner	3417	-1336
Q Hill	3318	-1237
K Hill	3250	-1169
Red Eagle	2586	-505
Ft Riley	2170	-89
Herrington	2017	+64

CASING RECORD

New 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	1091	60/40	420	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				

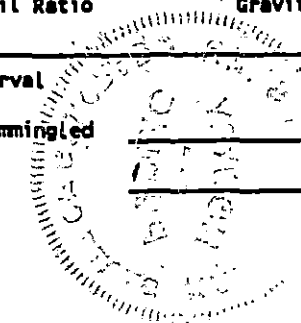
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. D & A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours OIL N/A Bbls. Gas N/A Mcf Water N/A 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) _____



WICHITA, KANSAS 67201

15.009.24594.0000

District GREAT BEND Date 7-30-95 Customer Order No.

COMPANY NAME K N ENERGY INC.

ADDRESS P.O. BOX 281304 LAKEWOOD CO. 80227-2304

LEASE AND WELL NO. ED + J #8-9 COUNTY BARTON STATE KS Sec. 8 Twp. 20S Rge. 15W

Mail Invoice To Co. Name SAMK Address No. Copies Requested REC

Mail Charts To Address ORIGINAL No. Copies Requested

Formation Test No. 2 Interval Tested From 2858 ft. to 3908 ft. Total Depth 4011 ft.

Packer Depth 3858 ft. Size 6 5/8 in. Packer Depth 3913 ft. Size 6 5/8 in.

Packer Depth 3908 ft. Size 6 5/8 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3861 ft. Recorder Number 1101P Cap. 4425 PSI

Bottom Recorder Depth (Outside) 3900 ft. Recorder Number 6234 Cap. 4500 PSI

Below Straddle Recorder Depth 4008 ft. Recorder Number 13629 Cap. 4425 PSI

Drilling Contractor ALLEN DRILLING #163 Drill Collar Length 0 I. D. in.

Mud Type CHEMICAL Viscosity 47 Weight Pipe Length 0 I. D. in.

Weight 9.3 Water Loss 11.2 cc. Drill Pipe Length 3838 I. D. 3.8 in.

Chlorides 5,000 P.P.M. Test Tool Length 20 ft. Tool Size 5.2 in.

Jars: Make WESTERN Serial Number 12369 Anchor Length 50 ft. Size 5.2 in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 1/2 in. Tool Joint Size 4 1/2 in.

Blow: 1ST FLOW: WEAK BLOW 1"

2ND FLOW: WEAK BLOW 1/2" DEAD IN 30 MINUTES

Recovered 30 ft. of DRILLING MUD

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides P.P.M. Sample Jars used Remarks BAN 103 TAILPIPE

Time On Location 9:00 A.M. Time Pick Up Tool 9:30 A.M. RECEIVED CORPORATION COMMISSION

Time Set Packer(s) 10:50 A.M. Time Started Off Bottom 2:35 P.M. Time Off Location 5:00 P.M. STATE OF KANSAS

Initial Hydrostatic Pressure (A) 1900 P.S.I. Maximum Temperature 110°

Initial Flow Period Minutes 15 (B) 10 P.S.I. to (C) 10 P.S.I.

Initial Closed In Period Minutes 30 (D) 166 P.S.I. WICHITA, KANSAS

Final Flow Period Minutes 60 (E) 26 P.S.I. to (F) 40 P.S.I.

Final Closed In Period Minutes 120 (G) 290 P.S.I.

Final Hydrostatic Pressure (H) 1870 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative

Western Representative [Signature]

FIELD INVOICE

Table with 2 columns: Item Name and Amount. Items include Open Hole Test, Mistun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, Insurance, Telecopier, and TOTAL.

WICHITA, KANSAS. 67201

15.009.24594.0000

District GREAT BEND Date 7-30-95 Customer Order No.

COMPANY NAME K N ENERGY INC.

ADDRESS P.O. BOX 281364 LAKE WOOD CO. 80228-8304

LEASE AND WELL NO. E, D, I, J #8-9 COUNTY BARTON STATE KS Sec. 8 Twp 205 Rge. 15W

Mail Invoice To SAFMS Co. Name Address No. Copies Requested REG

Mail Charts To ORIGINAL Address No. Copies Requested

Formation Test No. 4 Interval Tested From 2535 ft. to 2622 ft. Total Depth 4011 ft.

Packer Depth 2530 ft. Size 6 5/8 in. Packer Depth 2622 ft. Size 6 5/8 in.

Packer Depth 2535 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2532 ft. Recorder Number 11018 Cap 4425 PSI

Bottom Recorder Depth (Outside) 2610 ft. Recorder Number 6234 Cap 4500 PSI

Below Straddle Recorder Depth 2635 ft. Recorder Number 13629 Cap 4425 PSI

Drilling Contractor ALLEN DRILLING RIG 3 Drill Collar Length 0 I. D. _____ in.

Mud Type CHEMICAL Viscosity 47 Weight Pipe Length 0 I. D. _____ in.

Weight 9.3 Water Loss 11.2 cc. Drill Pipe Length 2509 I. D. 3.8 in.

Chlorides 5,000 P.P.M. Test Tool Length 26 ft. Tool Size 5 1/2 in.

Jars: Make WESTERN Serial Number 12369 Anchor Length 87 ft. Size 5 1/2 in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: 1ST FLOW: STRONG BLOW - BTM BUCKET 12" IN 10 MINUTES
2ND FLOW: STRONG BLOW BTM BUCKET 15 MINUTES THEN DECREASING TO 6" BLOW

Recovered 500 ft. of MURDY WATER (30% MUD 70% WATER)

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Chlorides 40,000 P.P.M. Sample Jars used _____ Remarks: 1389" TAILPIPE

RECEIVED STATE CORPORATION COMMISSION AUG 0 1995

Time On Location 8:00 AM/PM Time Pick Up Tool 8:30 AM/PM Time Off Location 5:00 AM/PM

Time Set Packer(s) 9:40 AM/PM Time Started Off Bottom 1:25 AM/PM Maximum Temperature 106 °

Initial Hydrostatic Pressure (A) 1218 P.S.I.

Initial Flow Period Minutes 15 (B) 56 P.S.I. to (C) 78 P.S.I.

Initial Closed In Period Minutes 30 (D) 754 P.S.I.

Final Flow Period Minutes 60 (E) 124 P.S.I. to (F) 250 P.S.I.

Final Closed In Period Minutes 120 (G) 783 P.S.I.

Final Hydrostatic Pressure (H) 1170 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature]
Signature of Customer or his authorized representative
Western Representative [Signature]

FIELD INVOICE

Table with 2 columns: Item Name and Price. Items include Open Hole Test, Mistrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, Insurance, and Telecopier. Checkmarks are present for Straddle Test, Jars, Safety Joint, and Extra Packer.

ALLIED CEMENTING CO., INC. 1014

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

ORIGINAL

SERVICE POINT:
Great Bend

DATE <u>2-31-95</u>	SEC <u>8</u>	TWP <u>20</u>	RANGE <u>15</u>	CALLED OUT <u>4:00am</u>	ON LOCATION <u>5:45am</u>	JOB START <u>7:30am</u>	JOB FINISH <u>10:00am</u>
LEASE <u>EDAJ</u>	WELL # <u>8-9</u>	LOCATION <u>McANULTY Church</u> <u>1/4 - 1/2 A - W1110</u>			COUNTY <u>Barton</u>	STATE <u>KS</u>	

OLD OR NEW (Circle one)

CONTRACTOR Allen Dile Co. #3

TYPE OF JOB RO 1967 Plug

HOLE SIZE 12 1/4, 7 3/8 T.D. 4010

CASING SIZE 8 1/8 DEPTH 1091

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 @ 40 68 Gel
1/4" FS

COMMON @

POZMIX @

GEL @

CHLORIDE @

HANDLING @

MILEAGE @

TOTAL

EQUIPMENT

PUMP TRUCK CEMENTER Don H

181 HELPER Tim D

BULK TRUCK DRIVER

BULK TRUCK DRIVER Bob B

REMARKS:

Pumped 25 sk @ 38 75

40 sk @ 1140 100 sk @ 645

10 sk @ 15 sk @ RH

Washed up Don

By Allied Cementing

[Signature]

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

PLUG @

RECEIVED
STATE CORPORATION COMMISSION

AUG 07 1995

CHARGE TO: KN Energy Inc

STREET PO BOX 281304

CITY Lakewood STATE CO. ZIP 80228
8304

FLOAT EQUIPMENT

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

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 [Signature]