

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

API NO. 15- 101-217730000 ORIGINAL

County Lane
NE - SE - SE - Sec. 34 Twp. 18s Rge. 28 X ^E/_W

Operator: License # 30705

Name: Younger Energy Company

Address 453 S. Webb Rd.
Suite 100

City/State/Zip Wichita, KS 67201

Purchaser: _____

Operator Contact Person: Gary Younger

Phone (316) 681-2542

Contractor: Name: Shield's Drilling Company

License: 5184

Wellsite Geologist: Jon Christensen

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: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back _____ PBTB

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

11-22-99 12-2-99 12-3-99

Spud Date Date Reached TD Completion Date

990 Feet from (SW) (circle one) Line of Section

330 Feet from (EW) (circle one) Line of Section

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

Lease Name Herndon Well # 1-34

Field Name Buffalo Creek

Producing Formation NONE

Elevation: Ground 2683 KB _____

Total Depth 4541 PBTB _____

Amount of Surface Pipe Set and Cemented at 204 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 PFA 2-14-00 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 13,200 ppm Fluid volume 350 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ 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 Diane Rebeck

Title V.P. - Finance Date 1-17-2000

Subscribed and sworn to before me this 17 day of January, 2000.

Notary Public Stacey L. Williamson

Date Commission Expires 3-5-2002

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other (Specify)

STACEY L. WILLIAMSON
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-5-2002

X

SIDE TWO

Operator Name Younger Energy Company Lease Name Herndon Well # 1-34

Sec. 34 Twp. 18S Rge. 28 East West
 County Lane

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.)

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	2031	657
B/Any	2059	629
Heebner	3879	-1191
Lansing	3918	-1230
KC	4008	-1320
Stark	4196	-1508
BKC	4278	-1590
Marm	4303	-1615
Ft. Scott	4446	-1758

List All E.Logs Run: *Dual Induction,
Comp. Neutron Density.*

CASING RECORD <input checked="" 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	12-1/2	8-5/8	20	204	60/40Poz	160	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 checked="" type="checkbox"/> Plug Off Zone	2050'	60 40 Poz	245	6%gel, 1/4# flo-seal

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 <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SLD 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 Bbls.	Gas Mcf	Water 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 _____

DST Recovery Information (Attachment for ACO-1)

Well Name: **Herndon #1-34**Location: **NE SE SE of Section 34-T18S-R28W**County: **Lane**Operator: **Younger Energy Company**API: **15-101-217730000**Number of Tests: **4****DST #1** 4003-4023' 5-30-45-120 recovered 100' slightly mud cut water, 540' water

Hydrostatic 1956-1894

1st Open

IFP-FFP 23-85

ISIP 1166

2nd Open

IFP-FFP 84-350

FSIP 1160

DST #2 4097-4131' 5-30-45-120 recovered 25' slightly water cut mud with oil scum,
180' mud cut water, 180' slightly mud cut water

Hydrostatic 2018-1968

1st Open

IFP-FFP 10-46

ISIP 1103

2nd Open

IFP-FFP 47-199

FSIP 1082

DST #3 4229-4244' 5-30-40-60 recovered 10' very slightly oil cut mud

Hydrostatic 2091-2042

1st Open

IFP-FFP 14-19

ISIP 756

2nd Open

IFP-FFP 21-31

FSIP 615

RECEIVED
STATE CORPORATION COMMISSION

JAN 27 2000

CONSERVATION DIVISION
Wichita, Kansas**DST #4** 4294-4333' 5-30-30-30 recovered 1' drlg mud w/oil spots

Hydrostatic 2140-2104

1st Open

IFP-FFP 10-18

ISIP 34

2nd Open

IFP-FFP 18-19

FSIP 32

ALLIED CEMENTING CO., INC. ORIGINAL

Federal Tax I.D

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

SERVICE POINT:

DATE <u>11-22-99</u>	SEC. <u>74</u>	TWP. <u>18</u>	RANGE <u>28</u>	CALLED OUT <u>2:15 PM</u>	ON LOCATION <u>11:15 AM</u>	JOB START	JOB FINISH <u>1:45 PM</u>
LEASE <u>11-22-99</u> WELL # <u>74</u> LOCATION						COUNTY	STATE
OLD OR NEW (Circle one)							

CONTRACTOR
 TYPE OF JOB
 HOLE SIZE 10 1/2 T.D. 207'
 CASING SIZE 8 5/8 DEPTH 207'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 175 / 1.1

OWNER
 CEMENT
 AMOUNT ORDERED 160 bags
 COMMON @
 POZMIX @
 GEL @
 CHLORIDE @
 HANDLING @
 MILEAGE @
 TOTAL

EQUIPMENT
 PUMP TRUCK CEMENTER 228
 # 204 HELPER
 BULK TRUCK DRIVER
 # 260
 BULK TRUCK DRIVER

REMARKS:

SERVICE

DEPTH OF JOB
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @
 MILEAGE @
 PLUG @
 TOTAL

CHARGE TO: Younger Energy Co.
 STREET 11-22 & Wildcat Rd 100
 CITY Wichita STATE Kansas ZIP 67209

FLOAT EQUIPMENT

Thank You!

@
 @
 @
 @
 @
 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 x

x
 PRINTED NAME

RECEIVED
 STATE CORPORATION COMMISSION

NOV 27 2000

ALLIED CEMENTING CO., INC.

Federal Tax I.D.

1693 ORIGINAL

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

SERVICE POINT: Oakley

DATE <u>12-3-99</u>	SEC. <u>34</u>	TWP. <u>18^S</u>	RANGE <u>28^W</u>	CALLED OUT	ON LOCATION <u>3:45</u>	JOB START <u>5:00 AM</u>	JOB FINISH <u>8:15</u>
LEASE <u>Hecydon</u>		WELL# <u>1-34</u>	LOCATION <u>Dighton 35-3 1/2 E - 11. S.</u>	COUNTY <u>Lane</u>		STATE <u>Kan</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Shields Drilling Co #2

TYPE OF JOB PTA

HOLE SIZE 7 1/8 T.D. 4540'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 x H DEPTH 2050'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER Same

CEMENT

AMOUNT ORDERED 245 sks 60/100 P-2
60/100, 1/4" # Fl. Sol.

EQUIPMENT

PUMP TRUCK CEMENTER Walt

102 HELPER _____

BULK TRUCK

222 DRIVER Jim W.

BULK TRUCK

_____ DRIVER _____

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

REMARKS:

SERVICE

50 sks @ 2050'

80 sks @ 1230'

40 sks @ 630'

40 sks @ 230'

10 sks @ 40'

10 sks in M.H.

15 sks in B.H.

DEPTH OF JOB 2050'

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE 130/0.5/10 @ 12.85/100

PLUG 8 5/8 D.H. @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: Younger Energy

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

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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.

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE _____

RECEIVED
STATE CORPORATION COMMISSION

PRINTED NAME

JAN 27 2000

CONSERVATION DIVISION
Topeka, Kansas