

ORIGINAL

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

API NO. 15- 141-203260000

County Osborne

S/2 S/2 SW Sec. 29 Twp. 9 Rge. 12 X ^E _W

330 Feet from S (circle one) Line of Section

1320 Feet from W (circle one) Line of Section

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

Lease Name Kendig Well # 1

Field Name Wildcat

Producing Formation None

Elevation: Ground 1939 KB 1944

Total Depth 3520 PBTD N/A Surface

Amount of Surface Pipe Set and Cemented at 215 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 JH 6-16-97
(Data must be collected from the Reserve Pit)

Chloride content 5,000 ppm Fluid volume 532 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name F. G. Holl Co., L.L.C.

Lease Name Kendig #1 License No. 5056

SW Quarter Sec. 29 Twp. 9 S Rng. 12 X _W

County Osborne Docket No. _____

Operator: License # 5056

Name: F. G. Holl Co., L.L.C.

Address P.O. Box 780167

6427 E. Kellogg

City/State/Zip Wichita, KS 67278

Purchaser: N/A

Operator Contact Person: Elwyn Nagel

Phone (316) 684-8481

Contractor: Name: Shields Drilling Co., Inc.

License: 5184

Wellsite Geologist: Bill Ree

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. _____

9-16-1996 9-25-1996 N/A
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 Elwyn H. Nagel
Title Manager Date April 7, 1997

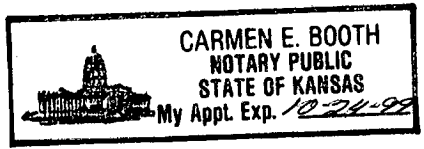
Subscribed and sworn to before me this 8th day of APRIL, 19 97.

Notary Public Carmen E. Booth

Date Commission Expires 10-24-99

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 SWD/Rep NGPA
 Plug Other (Specify)

APR 09 1997



CONSERVATION DIVISION
WICHITA, KS

Form ACO-1 (7-91)

4-9-97

Operator Name F. G. Holl Co., L.L.C.

Lease Name Kendig Well # 1

Sec. 29 Twp. 9 Rge. 12 East West

County Osborne

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:
None

Log Formation (Top), Depth and Datum			<input checked="" type="checkbox"/> Sample
Name	Top	Datum	
Anhydrite	1066	+ 878	
Tarkio Lime	2643	- 699	
Elmont Lime	2708	- 764	
Howard	2875	- 931	
Topeka	2912	- 968	
Heebner	3142	- 1198	
Toronto	3170	- 1226	
Lansing-Kansas City	3201	- 1257	
BKC	3508	- 1564	
Total Depth	3520	- 1576	

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"	25	215	60/40 Poz	150	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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(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: **METHOD OF COMPLETION** Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

ALLIED CEMENTING CO., INC. 6783

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

ORIGINAL

SERVICE POINT

R

DATE <i>9-18-96</i>	SEC <i>29</i>	TWP. <i>9</i>	RANGE <i>12</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>10:00AM</i>
LEASE <i>Kendig</i>	WELL # <i>1</i>	LOCATION <i>Lura, 8N 1E</i>		COUNTY <i>Osborne</i>	STATE <i>Ks</i>		

OLD OR NEW (Circle one)

CONTRACTOR *Shields Dring*

TYPE OF JOB *Surface*

HOLE SIZE # *12 1/4* T.D. *218*

CASING SIZE *8 3/8* DEPTH *215*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG *10 1/5 25# 13 BBL*

PERFS.

OWNER

CEMENT

AMOUNT ORDERED *150 40 3% CC 2% gel*

COMMON @

POZMIX @

GEL @

CHLORIDE @

HANDLING @

MILEAGE **RECEIVED**

KANSAS CORPORATION COMMISSION

EQUIPMENT

153

PUMP TRUCK # *153* CEMENTER *Dave*

HELPER *Mark*

BULK TRUCK # DRIVER

BULK TRUCK # *160* DRIVER *Will*

APR 09 1997

TOTAL

REMARKS:

CONSERVATION DIVISION
WICHITA, KS

SERVICE

Cement

circ

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

PLUG @

TOTAL

CHARGE TO: *FG Hall Co*

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

@

@

@

@

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 *Burton Beery*

ORIGINAL

ALLIED CEMENTING CO., INC.

6790

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

SERVICE POINT *P*

DATE <i>9-25-96</i>	SEC <i>29</i>	TWP <i>9</i>	RANGE <i>12 W</i>	CALLED OUT	ON LOCATION	JOB START <i>5:45 PM</i>	JOB FINISH <i>1:00 PM</i>
LEASE <i>Handlg</i>	WELL # <i>1</i>	LOCATION <i>Livay B.N 3/4</i>		COUNTY <i>Osborne</i>	STATE <i>Ks</i>		

OLD OR NEW (Circle one)

CONTRACTOR *Shield, D. J.*

TYPE OF JOB *plug*

HOLE SIZE _____ T.D. *3520*

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER _____

CEMENT

AMOUNT ORDERED *200 @ 6% gel*

1/4 lb floccul per sk

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

EQUIPMENT

153 *Dave*

PUMP TRUCK CEMENTER *Mark*

_____ HELPER _____

BULK TRUCK _____

_____ DRIVER _____

BULK TRUCK _____

160 DRIVER *Darn*

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

REMARKS:

25 sk @ 1080

100 @ 840

40 @ 290

10 @ 40 wt plug

10 mouse tail

15 Back hole

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG _____ @ _____

_____ @ _____

_____ @ _____

RECEIVED

KANSAS CORPORATION COMMISSION

APR 09 1997

TOTAL _____

FLOAT EQUIPMENT

CONSERVATION DIVISION
WICHITA, KS

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: *F.G. Hall Co*

STREET _____

CITY _____ STATE _____ ZIP _____

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 *Burton Beckley*

SWIFT FORMATION TESTERS

ORIGINAL

1309 VAN FLEET

PHONE 793-5177

GREAT BEND, KANSAS

15-141-20326

Date Sept 23, 1996

Test No. 1

Company F. G. HOLL Co.

Test Ticket No. 5938 County Osborne Lease Kendig Well 1

Initial Shut-In 60 Hr. 60 Min. Tool Open 30 Hr. 30 Min. Final Shut-In 60 Hr. 60 Min.

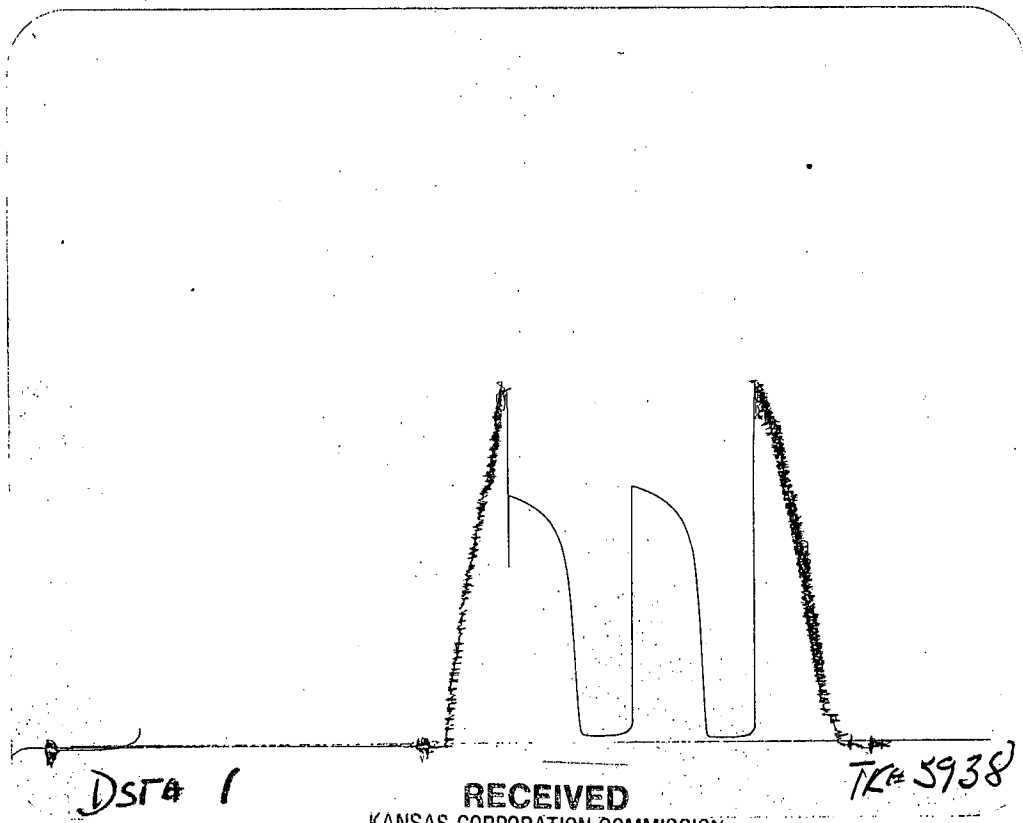
Interval Tested 3179 to 3213 Total Depth 3213

Blow: Weak Thru-Out 1st Open - No Blow 2nd (30) Minutes Initial Flow Period

Recovery and Remarks: 20' mud w/Gas Ogor

Initial BHP: 1108# Final BHP: 1069# Initial FP: 28 - 28# Final FP: 35 - 35#

Tester Nelson Call Approved By: bill Ree



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CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

15-141-20326

Drill Stem Test #1

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1508#	PSI
(B) First Initial Flow Pressure	28#	PSI
(C) First Final Flow Pressure	28#	PSI
(D) Initial Closed-in Pressure	1108#	PSI
(E) Second Initial Flow Pressure	33#	PSI
(F) Second Final Flow Pressure	33#	PSI
(G) Final Closed-in Pressure	1069#	PSI
(H) Final Hydrostatic Mud	1492#	PSI

SWIFT FORMATION TESTERS

1309 VAN FLEET

PHONE 793-5177

GREAT BEND, KANSAS

ORIGINAL

15-141-20326

Date sept 24, 1909

Test No. 2

Company F. G. HOLL Co.

Test Ticket No. 5939 County Osborne Lease Kendig Well 1

Initial Shut-In 60 Hr. 60 Min. Tool Open 60 Hr. 60 Min. Final Shut-In 60 Hr. 60 Min.

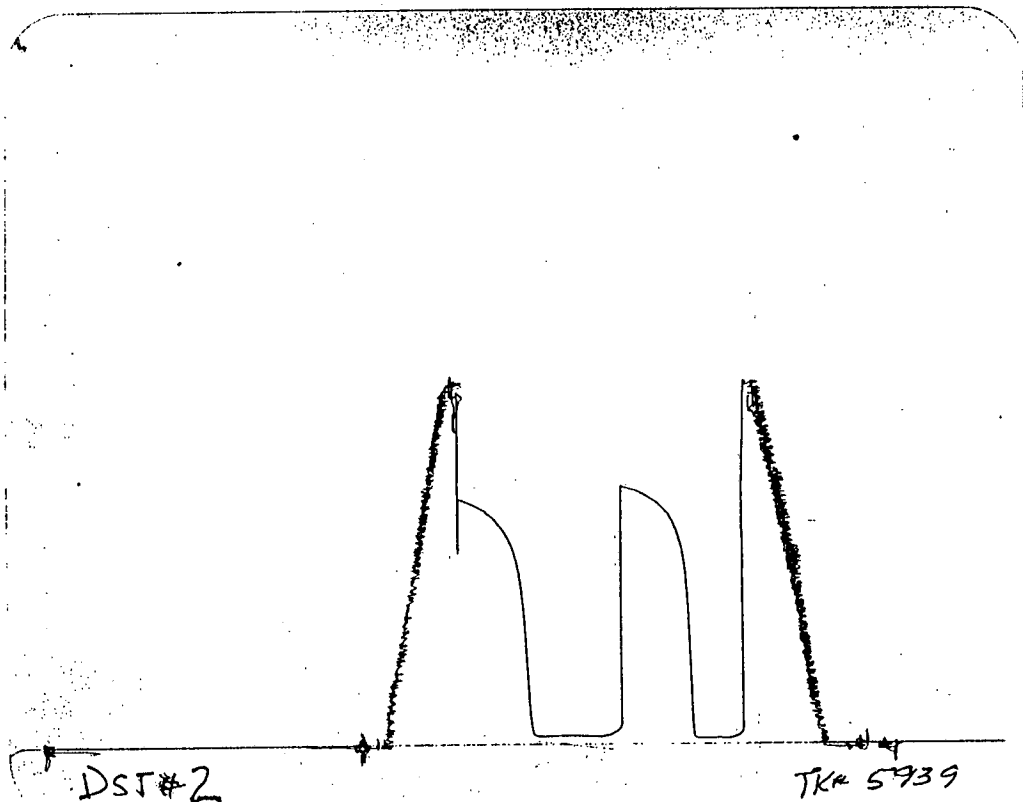
Interval Tested 3212 to 3245 Total Depth 3245

Blow: Weak to Fair 1st open - Blow decreased To Weak 2nd (30) Minutes Initial Flow Period

Recovery and Remarks: 50' Slight Oil & Gas cut muddy Water

Initial BHP: 1126# Final BHP: 1068# Initial FP: 26-26# Final FP: 31-31#

Tester Nelson Call Approved By: Bill Ree



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CONSERVATION DIVISION
WICHITA, KS

COMPANY F. G. HOLL COMPANY
LEASE AND WELL NO. Kendig 1/15/09

ORIGINAL

Drill Stem Test #2

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1554#	PSI
(B) First Initial Flow Pressure	26#	PSI
(C) First Final Flow Pressure	26#	PSI
(D) Initial Closed-in Pressure	1126#	PSI
(E) Second Initial Flow Pressure	31#	PSI
(F) Second Final Flow Pressure	31#	PSI
(G) Final Closed-in Pressure	1068#	PSI
(H) Final Hydrostatic Mud	1539#	PSI

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CONSERVATION DIVISION
WICHITA, KS

SWIFT FORMATION TESTERS

ORIGINAL

1309 VAN FLEET

PHONE 793-5177

GREAT BEND, KANSAS

Date Sept 24, 1996

Test No. 3

Company F. G. HOLL Co.

Test Ticket No. 5940 County Osborne Lease Kendig Well 1

Initial Shut-In 60 Hr. 60 Min. Tool Open 60 Hr. 60 Min. Final Shut-In 60 Hr. 60 Min.

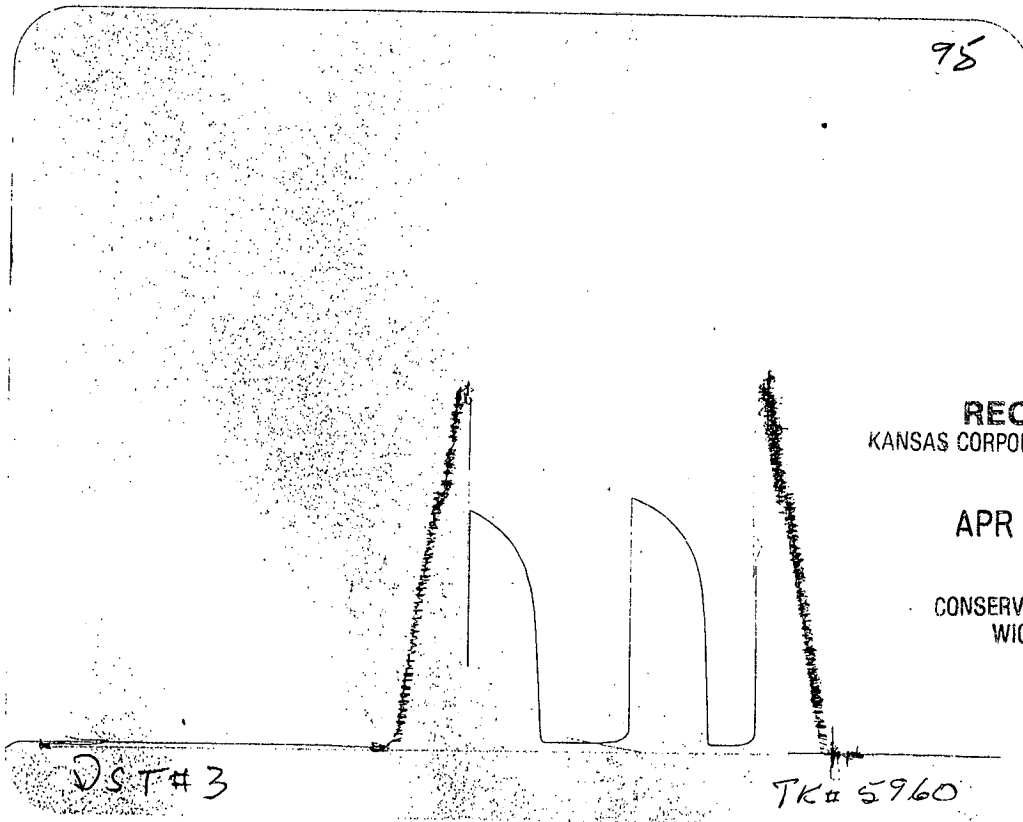
Interval Tested 3242 to 3268 Total Depth 3268

Blow: weak Thru-Out test (30) Minutes Initial Flow Period

Recovery and Remarks: 25' Water

Initial BHP: 1101# Final BHP: 1033# Initial FP: 34 - 34# Final FP: 42 - 42#

Tester Nelson Call Approved By: Bill Kee



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CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

15-141-20326

Drill Stem Test #3

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	157.0#	PSI
(B) First Initial Flow Pressure	34#	PSI
(C) First Final Flow Pressure	34#	PSI
(D) Initial Closed-in Pressure	110.1#	PSI
(E) Second Initial Flow Pressure	42#	PSI
(F) Second Final Flow Pressure	42#	PSI
(G) Final Closed-in Pressure	103.3#	PSI
(H) Final Hydrostatic Mud	156.1#	PSI

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WICHITA, KS