



KANSAS CORPORATION COMMISSION 1062750  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5056  
Name: F. G. Holl Company L.L.C.  
Address 1: 9431 E CENTRAL STE 100  
Address 2: \_\_\_\_\_  
City: WICHITA State: KS Zip: 67206 + 2563  
Contact Person: Franklin R. Greenbaum  
Phone: ( 316 ) 684-8481  
CONTRACTOR: License # 5929  
Name: Duke Drilling Co., Inc.  
Wellsite Geologist: Rene Husted  
Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SIOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., 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     Conv. to SWD  
 Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

07/06/2011	07/29/2011	11/08/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-033-21587-00-00

Spot Description: 70' W. & 60' S. OF N2NWSE

N2 NW SE Sec. 31 Twp. 34 S. R. 19  East  West

2250 Feet from  North /  South Line of Section

2050 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Comanche

Lease Name: WOOLFOLK 'A' Well #: 1-31

Field Name: Wildcat

Producing Formation: Mississippi

Elevation: Ground: 1728 Kelly Bushing: 1741

Total Depth: 6750 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 868 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 0 Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 36000 ppm Fluid volume: 1800 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received  
Date: 11/10/2011
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: Deanna Garrisor Date: 11/15/2011



1062750

Operator Name: F. G. Holl Company L.L.C. Lease Name: WOOLFOLK 'A' Well #: 1-31  
 Sec. 31 Twp. 34 S. R. 19  East  West County: Comanche

**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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Attached</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Attached Attached Attached
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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
Conductor	17.3750	13.3750	34.5	148	Common	160	
Surface	12.25	8.6250	23	868	A-CON & Commor	400	
Production	7.8750	4.50	10.5	6745	AA-2	275	10% Salt, 1/4# celloflake

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD	-			
___ 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
1	5293,90,88,73,70,66,62,53,50,44 &	500 gal 10% MSA acid	
1	38' All Mississippi	1500 gal 10% nefe acid	
		1200 gal MIRA acid	

TUBING RECORD: Size: <u>2.3750</u> Set At: <u>5300</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. _____	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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>5238-5293</u> <u>Mississippi</u>
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Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	WOOLFOLK 'A' 1-31
Doc ID	1062750

All Electric Logs Run

CDL/CNL
BHCS
DIL
Resistivity
Fracfinder

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	WOOLFOLK 'A' 1-31
Doc ID	1062750

Tops

Name	Top	Datum
Herrington	2328	-587
Winfield	2370	-629
Towanda	2426	-685
Wrefold	2660	-919
Council Grove	2707	-966
Neva	2926	-1185
Red Eagle	3001	-1260
Heebner	4196	-2455
LKC	4400	-2659
Stark Shale	4810	-3069
Hushpuckney	4861	-3120
BKC	4887	-3146
Marmaton	4959	-3218
Altamont	5014	-3273
Pawnee	5061	-3320
Ft Scott	5099	-3358
Cherokee Shale	5109	-3368
Mississippi	5224	-3483
Viola	6202	-4461
Simpson Sh.	6420	-4679
Arbuckle	6585	-4844
RTD	6750	-5009

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

September 06, 2011

Franklin R. Greenbaum  
F. G. Holl Company L.L.C.  
9431 E CENTRAL STE 100  
WICHITA, KS 67206-2563

Re: ACO1  
API 15-033-21587-00-00  
WOOLFOLK 'A' 1-31  
SE/4 Sec.31-34S-19W  
Comanche County, Kansas

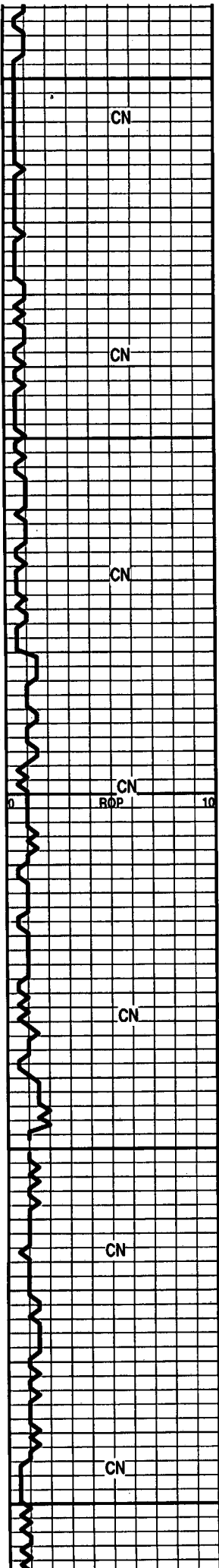
Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

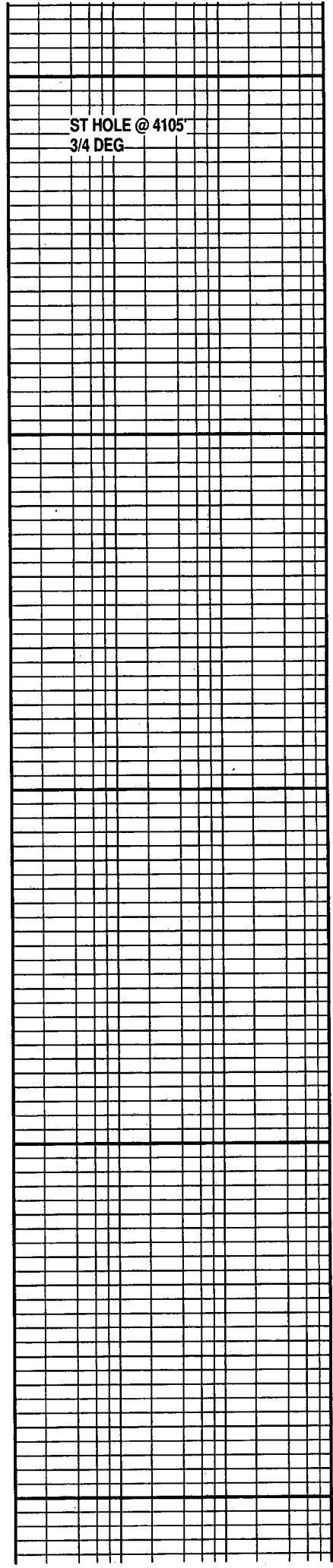
Respectfully,  
Franklin R. Greenbaum

ROP ROP (min/ft)	DST	Lithology	Porosity and Show Depth	Geological Descriptions	TG, C1-C4 / REMARKS
			3950	<b>LOG TOPS</b>  <b>HEEBNER</b> 4202' (-2461') <b>LANSING/KC</b> 4398' (-2657') <b>STARK SH</b> 4810' (-3069') <b>B/KC</b> 4890' (-3149')	
DUKE RIG #7 GALEN ROACH  DRILLING WITH PDC BIT			3950	<b>MARMATON</b> 4970' (-3229') <b>MISS</b> 5222' (-3481') <b>VIOLA</b> 6202' (4461') <b>SIMPSON</b> 6513' (-4772') <b>ARBUCKLE</b> 6585' (-4844')	KB=1741'
			4000	<b>LS-GRY-V-SHLY-SAMPLES SH-LT GRY-SPLNTY</b>  <b>SAMPLES MOSTLY SHALE-LT GRY-BLKY-LMY</b>  <b>SHALES A.A.</b>	
			4050	<b>SH-LT GRY-TR SLT</b>  <b>SLTSS-FRSTY GRY-F-GRN-V-SHLY-MICA-NO VIS</b> <b>POR-NO VIS FLOR-NO VIS SHOW</b>	WT. 84 VIS 50

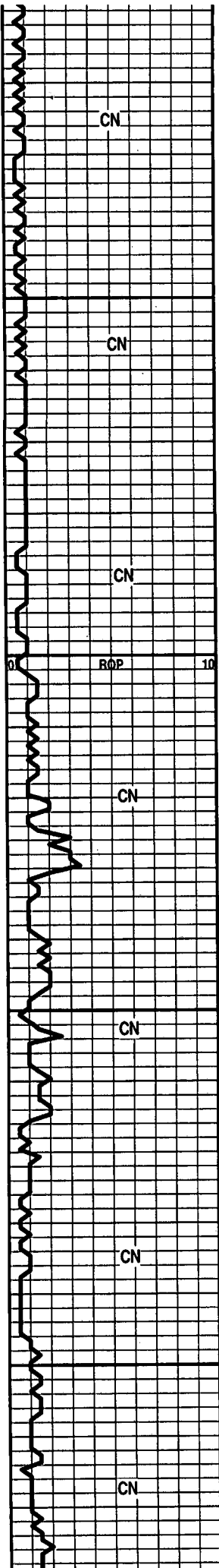


4100  
4150  
4200  
4250  
4300

SLTSS A.A.  
SS-FRSTY WHT-F-GRN-TT-RND-WELL SRTEG-CALC  
CMT-HEM-MICA-NO VIS POR-NO VIS FLOR  
POOR SAMPLE  
POOR SAMPLE  
POOR SAMPLE  
SH-BLK-CARB  
LS-GRY-F-XLN-SNDY TEX-TR SH LT GRY IMBD  
THRU-NO VIS POR-NO VIS FLOR-NO SHOW  
**HEEBNER 4202' (-2461')**  
SH-BLK-CARB  
SH-BLK-CARB  
LS-DK GRY-V-SHLY  
POOR SAMPLE  
**DOUGLAS SH 4294' (-2553')**  
LOG 4287' (-2546')  
SH-GRY-SLTY



ST HOLE @ 4105  
3/4 DEG



CN

CN

CN

ROP

10

CN

CN

CN

CN

4350

4400

4450

4500

SH-GRY-SPLNTY

SAMPLES-SHALE-GRY-SPLNTY

SHALES A.A.

LANSING/KC 4394' (-2653')  
LOG 4398' (-2657')

POOR SAMPLE-V-SHLY

LS-OFF WHT-F-XLN-HD-DNS W/ SH GRY SPLNTY

LS/SH A.A.

LS-OFF WHT-F-XLN-TR FOSS-HD-DNS

LS-OFF WHT-F-XLN-SCATT VUG POR-DULL WHT MIN  
FLOR-NO VIS SHOW

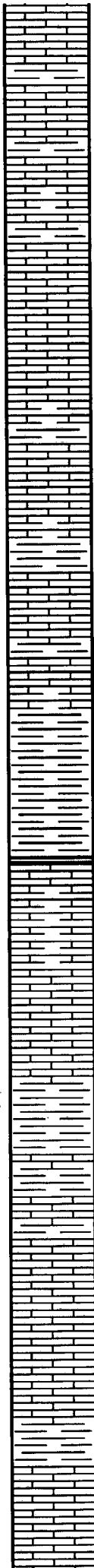
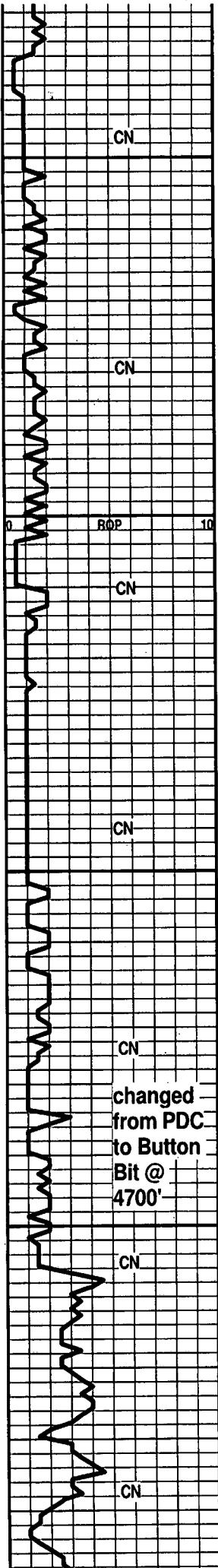
LS-GRY-F-XLN-BRIT-FOSS-SHLY-DULL WHT FLOR-NO  
VIS SHOW

POOR SAMPLE

ST HOLE @ 4420'  
3/4 DEG

MUD DATA @ 4426'  
WT. 9.1  
VIS 46  
FIL 10.8  
CHL-8,000  
LCM #2





4550  
4600  
4650  
4700

POOR SAMPLE

POOR SAMPLE

SH-GRY-SPLNTY-LMY

POOR SAMPLE

SAMPLE-SH-GRY-SPLNTY

LS-GRY-F-XLN-SHLY-FOSS-TR VUG POR IP-SCATT  
DULL YEL FLOR-NO VIS SHOW

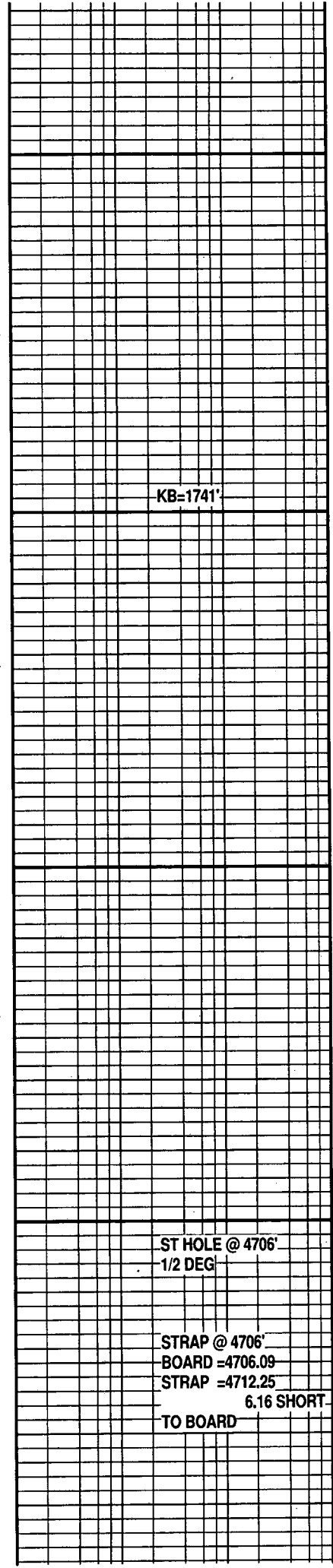
LS-OFF WHT-F-XLN-BRIT-CHLKYIP-SCATT DULL WHT  
FLOR-NO VIS SHOW

POOR SAMPLE

POOR SAMPLE

SH-GRY-SPLNTY

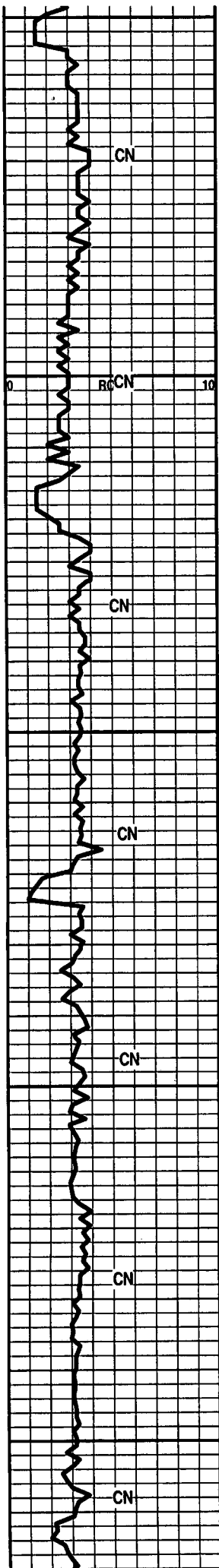
LS-OFF WHT FXLN-BRIT-FOSS-OOL-FR TO GD  
INTER-GRN/SM VUG POR TR PP POR-BRITE WHT  
FLOR-NO VIS SHOW



KB=1741'

ST HOLE @ 4706'  
1/2 DEG

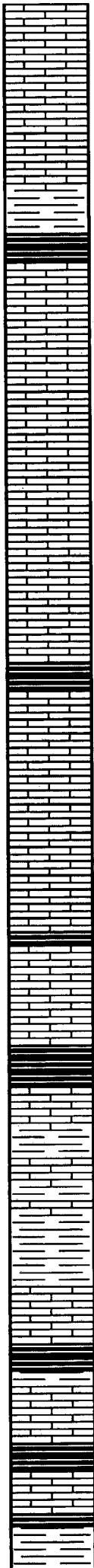
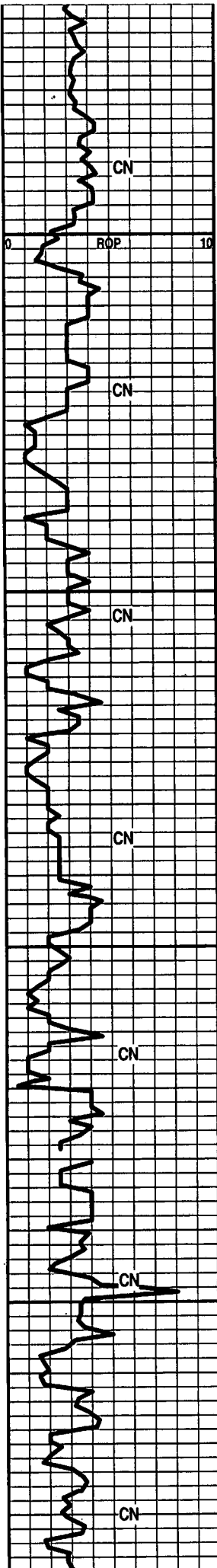
STRAP @ 4706'  
BOARD =4706.09  
STRAP =4712.25  
6.16 SHORT  
TO BOARD



4751  
4800  
4850  
4900  
4950

LS A.A.  
 LS-TN-F-XLN-TR FOSS-SH LT GRY IMBD -TR DULL YEL FLOR-NO VIS CUT  
 LS-GRY-TN-F-XLN-HD-DNS TR CHLK IN TRAY  
 SH-DK RY-FRM-BLKY-LMY  
 SH A.A.  
**STARK SH 4808' (-3067')**  
**LOG 4810' (-3069')**  
 SH-BLK-CARB  
 LS-GRY-F-XLN-HD-DNS-SHLY W/ CHRT-LT BRN-OPQ-FRSH  
 LS-TN-F-XLN-SEMI CHLKY IP-HD-DNS  
 LS-OFF WHT-F-XLN-FOSS FRAGS-HD-DNS  
 LS-GRY-F-XLN-HD-DNS SHLY  
 SH-LT GRY-SPLNTY-WAXY  
 SH-BLK-CARB  
 LS-TN/GRY-F-XLN-HD-DNS  
 LS-OFF WHT-F-XLN-FOSS-OOL-BRIT-NO VIS POR-NO VIS SHOW  
**BASE OF K/C 4885' (-3144')**  
**LOG 4890' (-3149')**  
 SH-DK GRY-FRM-BLKY-SLTY  
 LS-TN-V-F-XLN-CHRTY-HD-DNS W/ SM PYR XLS IMBD  
 LS-TN-F-XLN-HD-DNS TR CHLK  
 LS A.A.  
 LS-GRY-F-XLN-HD-DNS SHLY  
 SH-DK GRY-BLKY-LMY  
 LS-OFF WHT-F-XLN-SM OOL-W/ SM OOL-MOLDIC POR-BRITE WHT FLOR-NO VIS CUT  
 SH-DK GRY-BLKY-ARGIL-W/ PYR XLS IN TRAY  
**MARMATON 4963' (-3222')**

HW 100 PLUS  
 CHROMO 35  
 MUD DATA @ 4825'  
 WT. 9.3  
 VIS 47  
 FIL 10.8  
 LCM #4  
 HW 100 PLUS  
 CHROMO 25



5000  
5050  
5100  
5150

**LOG 4970' (-3229')**

LS-GRY/TN-F-XLN-BLOCKY-HD-DNS W/  
CHRT-TN-OPQ-FRSH

LS-DK GRY-V-F-XLN-HD-DNS SHLY

SH-GRY-FRM-BLKY-LMY

SH-BLK-CARB

LS-TN/GRY-F-XLN-HD-DNS W/ LG PYR XLS IN TRAY

**ALTAMONT 5022' (-3281')**

**LOG 5014' (-3273')**

LS-OFF WHT/TN-F-XLN-TR FOSS-CHLKY IP-TR FRAC  
POR-BRITE WHT FLOR-NO VIS CUT

LS-TN-V-F-XLN (LITHO)-SM OOL-HD-DNS

LS-OFF WHT-F-XLN-CHLKY-PR SM VUG POR-BRITE  
WHT FLOR-NO VIS CUT

LS-TN-F-XLN-TR FOSS-HD-DNS

SH-BLK-CARB

**PAWNEE 5064' (-3327')**

**LOG 5058' (-3317')**

LS-OFF WHT-F-XLN-SLI CHLKY-TR TO PR  
INTER-XLN/FAC POR-BRITE WHT FLOR-NO VIS CUT

LS-OFF WHT-F-XLN-SEMI-CHLKY-NO VIS POR-BRITE  
WHT FLOR-NO VIS CUT

**FT SCOTT 5101' (-3360')**

**LOG 5096' (-3355')**

LS-LT TN-F-M-XLN-BRIT TO HD-MED XLS ON EDGE-TR  
VUG POR-LT BRN STN-NO VIS FLOR-NO VIS CUT

**CHEROKEE 5120' (-3379')**

**LOG 5116' (-3375')**

LS-OFF WHT-F-XLN-SEMI-CHLKY TR OOL-TR  
INTER-GRN POR-SCATT DULL YEL FLOR-NO VIS CUT

SH-LT GRY-SPLNTY-FOSS

LS-TN-F-XLN-OOL-FOSS FRAGS-HD-DNS

SH-BLK-CARB

LS-TN-F-XLN-HD-DNS W/ SHELL FOSS

SH-BLK-CARB

LS-TN-GRY-F-XLN-HD-DNS TR EDGE STN-NO VIS  
FLOR-NO VIS CUT

SH-LT GRY-SPLNTY

**MUD DATA**

WT. 9.2

VIS 52

LCM #4

ST HOLE @ 5022'

1 DEG

HW 25 UNIT GAS INCRS

CFS

**MUD DATA**

WT. 9.2

VIS 53

LCM #4

HW 60 UNIT GAS INCRS

CFS

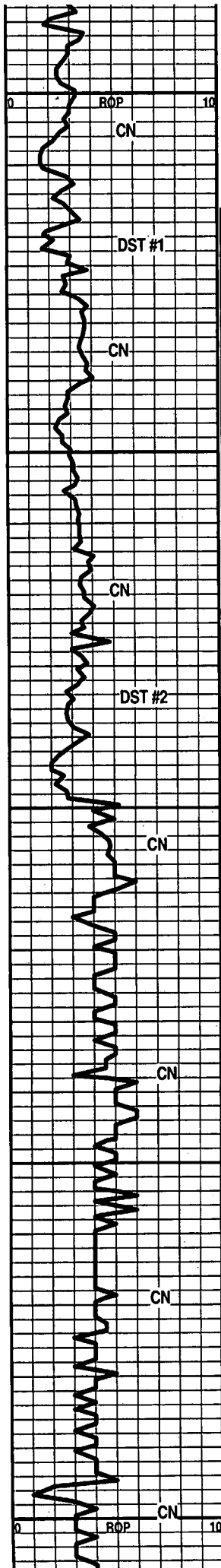
HW 100 PLUS GAS  
INCRS

CFS

HW 38 UNIT GAS INCRS

5147' HW 60 UNIT GAS  
INCRS

HW 50 UNIT GAS INCRS



5200  
5250  
5300  
5350  
5400

LS TN-F-XLN-FOSS-HD-DNS

SH-BLK-CARB

SH-LT BLUE-SFT-SPLNTY-LMY

MISS 5218' (-3477')  
LOG 5222' (-3481')

LS-OFF WHT-F-XLN-SNDY TEX-PR PP POR-DULL YEL  
FLOR-NO VIS CUT

LS-DK TN-F-XLN-FOSS FRAGS-TR VUG POR W/ LT  
BRN STN AND EDGE STN-BRITE YEL/GLD FLOR-GD  
FLSH CUT-FNT ODOR

LS-OFF WHT/TN-F-XLN-CHLKY IP-W CHRT-OFF  
WHT-OPQ-FRSH-W/FAC POR-LT BRN STN IN  
FRAC-BRITE YEL/GLD FLOR-FLSH CUT WHEN  
CRUSHED

LS-OFF WHT-F-XLN-HD-DNS W/ CHRT-OFF  
WHT-OPQ-FRSH TR SCATT YEL/GLD FLOR-TR PP AND  
FRAC POR-TR FLSH CUT WHEN CRUSHED

LS-OFF WHT-F-XLN-CHRTY-W/ FRAC AND PP POR-LT  
BRN STN-FLSH CUT WHEN CRUSHED-FNT ODOR

POOR SAMPLE

LS-OFF WHT/TN SPEC-F-XLN-CHLKY IP-SCAT BRITE  
GLD FLOR-NO VIS CUT W/ CHRT-OFF  
WHT-OPQ-FRSH-FRAC IP-DK BLK STN-NO VIS  
FLOR-NO VIS CUT

LS A.A.

LS-OFF WHT/GRY-F-XLN-SNDY TEX-FOSS  
FRAGS-OOL-TR GLAU-TR INTER-GRN/FAC POR-NO  
VIS FLOR-W/ CHRT-TRANS-FRSH IN TRAY

LS-GRY-F-XLN-BLOCKY-HD-DNS W/  
CHRT-TRANS-FRSH IN TRAY

LS-OFF WHT-F-XLN-OOL-FOSS FRAGS-TR CHLKY-W/  
CHRT-GRY-OFF WHT-OPQ-FRSH CHLK IN SAMPLE

POOR SAMPLE

KB=1741'

DST #1  
STRAP = +5.46

BOARD =5274.28  
STRAP =5279.74  
SHORT TO BOARD  
+5.46

HW 25 UNIT GAS  
INCRS

DST #1  
REC-2 FEET MUD

5216'-5275'  
IBLW-STRONG BLW  
BOB IN 5 MIN  
FBLW-FAIR BLW 8  
INCHES INTO BUCKET  
SIP-190-184  
IFP-66-64  
FFP-60-65  
HP-2670-2503

ST HOLE @ 5274'  
1 1/2 DEG

HW 80 PLUS GAS  
INCRS

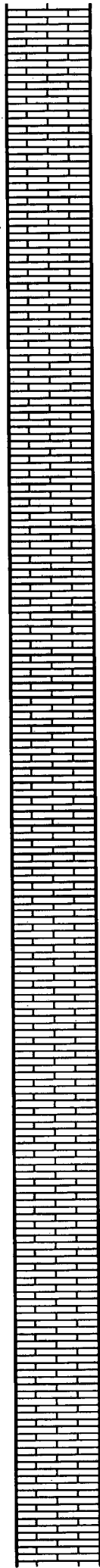
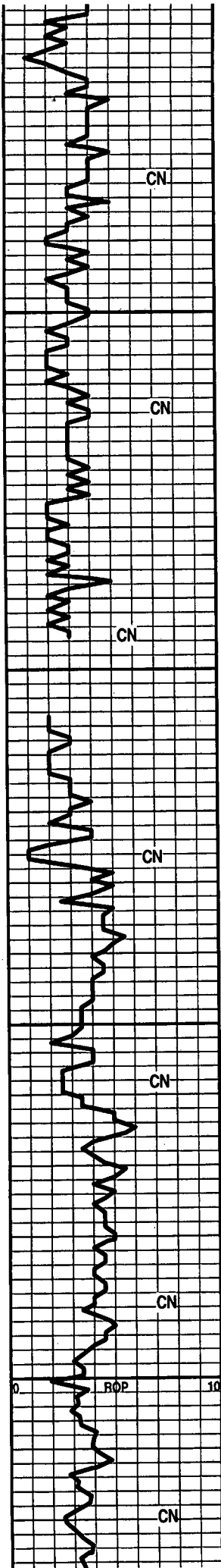
CHROMO-25 UNIT GAS  
INCRS

CFS

DST #2  
5275-5307  
REC 80 FEET MUD  
IBLW-FAIR BLW BLT  
BOB IN 12 MIN  
FBLW-STRNG BLW BLT  
BOB IN 1 MIN  
SIP-1278'-1294'  
IFP-51-65  
FFP-54-79  
HP-2666-2628

5395' HW 25 UNIT GAS  
INCRS

ST HOLE @ 5400'  
1 3/4 DEG



5450

5500

5550

5600

LS-OFF WHT-F-XLN-SNDY TEX-FOSS FRAGS-FR  
 INTER-GRN/INTER-PRT POR-PR TO FR  
 INTER-GRN/FRAC POR-NO VIS FLOR

LS-DK BRN-BLOCKY-HD-DNS

LS-OFF-WHT-F-XLN-OOL-HD-DNS W/  
 CHRT-TRANS-FOSS-FRSH-NO VIS FLOR

LS-TN-M-XLN-FOSS FRAGS-HD-DNS

LS-OFF WHT-F-XLN-FOSS FRAGS-OOL-CHLKY-TR  
 INTER-GRN POR-NO VIS FLOR

LS-OFF WHT/GRY-F-XLN-HD-DNS W/  
 CHRT-GRY-TRANS-FRSH

LS-OFF WHT-F-XLN-TR FOSS FRAGS-HD-DNS W/ PYR  
 XLS IN TRAY

LS A.A. W/ CHRT-OFF WHT/BLK SPECS-OPQ-FRSH

LS-OFF WHT-F-XLN-BRIT-FOSS-FRAGS-TR FRAC W/  
 DK BLK STN-TR LT BLU FLOR-NO VIS CUT

LS-OFF WHT-F-XLN-SNDY TEX-BLOCKY-HD-DNS

LS-OFF WHT/GRY-F-GRN-FOSS-CHLKY-TR INTER-GRN  
 POR-TR SCATT YEL FLOR-NO VIS CUT

LS-OFF WHT-F-XLN-FOSS FRAGS-OOL-HD-DNS W/  
 CHRT

LS-OFF WHT-F-XLN/GRN-CHLKY-FOSS  
 FRAGS-OOL-TR GLAU-TR FRAC POR-SCAT YEL  
 FLOR-NO VIS CUT

LS-OFF WHT-F-XLN-TR GLAU-HD-DNS W/ CHRT AND  
 CHLK IN TRAY

LS-GRY-F-XLN-BLOCKY-HD-DNS W/ CHRT

LS-OFF WHT-F-XLN-FOSS-TR GLAU-HD -DNS-SCATT  
 CHLK IN TRAY

LS-OFF WHT/GRY-F-XLN-FOSS FRAGS-SH LT GRY  
 IMBD-HD-DNS-TR CHLK IN TRAY-LG PYR XLS

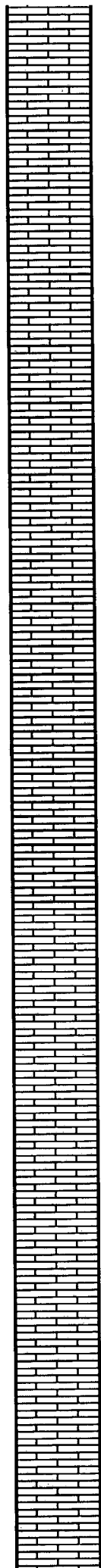
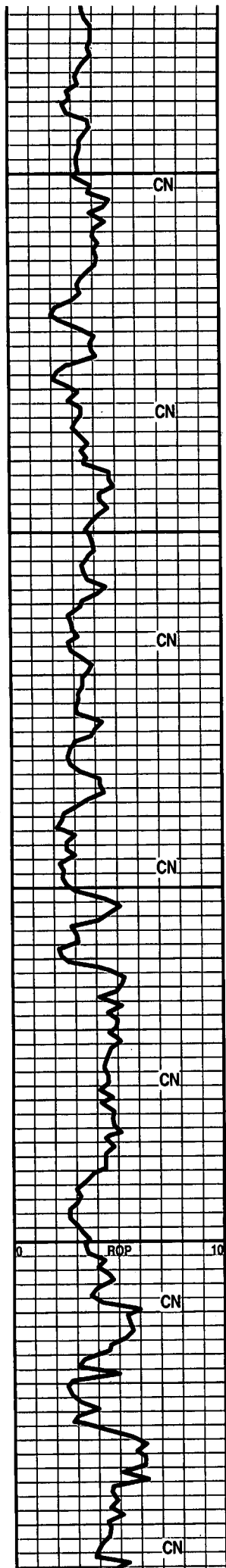
WT. 9.2  
 VIS 58  
 LCM 5

5428' HW 21 UNIT GAS  
 INCRS

WT. 9.2  
 VIS 47  
 LCM #6

HW 23 UNIT GAS INCRS

ST HOLE @ 5589'  
 1 3/4 DEG



5650

5700

5750

5800

LS-OFF WHT-F-XLN-FOSS FRAGS-PR INTRA-PRT  
POR-DULL WHT MIN FLOR-NO VIS SHOW

LS-OFF WHT/GRY-F-M-XLN-TR FRAC POR W/ SH LT  
GRY IMBD-HD

LS-OFF WHT/GRY-F-XLN-BRIT TO HD-DNS W/  
CHRT-OFF WHT-OPQ-FRSH

LS-A.A. CHLKY

LS-OFF WHT/GRY-F-XLN-HD-DNS W/ SM PYR XLS

LS-TN-LT GRN-F-XLN-FOSS-HD-W/ TR PP POR IP-DULL  
WHT MIN FLOR

LS-TN-F-XLN-FOSS-FRAGS-BRIT-CHLKY-DNS

LS-TN-F-XLN-BRIT-CHLKY DNS

LS A.A.

LS-TN-F-XLN-CHLKY-BRIT-DULL MIN FLOR-NO VIS  
SHOW

SPERGEN

DOLO-GRY-M-XLN-SHLY-GLAU-BRIT-PR SHALLOW  
VUG POR-DULL WHT MIN FLOR-NO VIS SHOW

LS-GRY-F-XLN-TR SM GLAU XLS-TR FOSS-TR  
INTER-XLN POR-DULL WHT MIN FLOR-NO VIS SHOW

LS-DOLO-LT GRY-M-GRN-GLAU-FR VUG POR IP-DULL  
WHT MIN FLOR-NO VIS SHOW W/ CHRT-LT  
GRY-OPQ-FOSS FRAGS-FRSH

LS/DOLO-A.A. CHLKY

WARSAW

DOLO-GRY-F-XLN- SM GLAU XLS-SHLY-NO VIS  
POR-DULL WHT MIN FLOR

DOLO-GRY-F-XLN-V-SHLY-TR SM GLAU XLS-DULL  
WHT MIN FLOR

DOLO-GRY-V-F-XLN-BLOCKY-HD-DNS

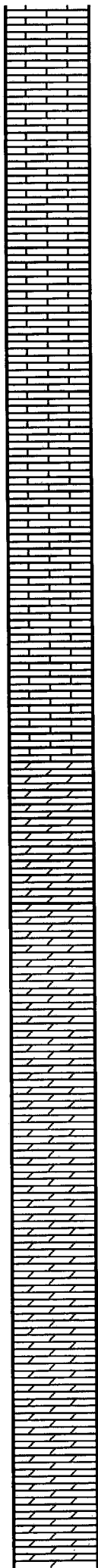
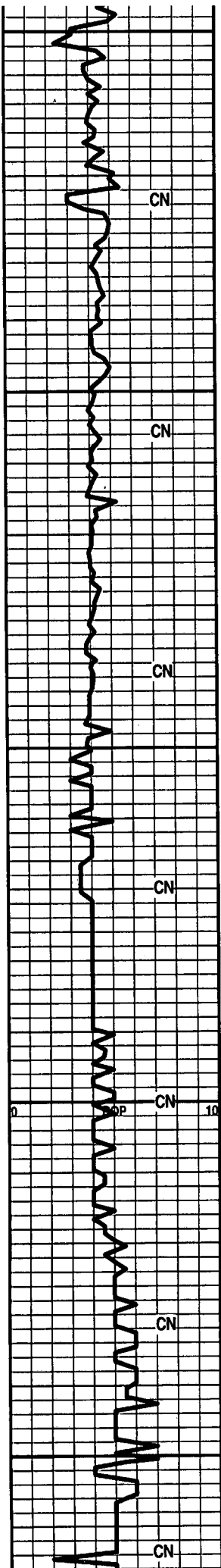
ST HOLE @ 5714'  
1 3/4 DEG

WT. 9.3  
VIS 57  
LCM #6

HW 28 UNIT GAS INCRS

ST HOLE @ 5809'  
1 1/4 DEG

KB=1741'



5850  
5900  
5950  
6000  
6050

DOLO A.A. TR SM GLAU XLS

DOLO-GRY-F-XLN-BLOCKY-HD-GLAU IMBD-PYR XLS  
IN TRAY

DOLO-GRRY-F-XLN-ARGIL-FOSS-SHELL-V-SM PYR  
XLS-NO VIS FLOR

DOLO A.A. W/ CHRT-GRY-OPQ-FRSH

DOLO-GRY-F-XLN-ARGIL-SM GLAU XLS-HD-DNS W/  
CHRT

DOLO A.A. W/ CHRT-OFF WHT/GRY-OPQ-FRSH

DOLO-A.A.-W/ CHRT-OFF WHT-TRANS TO OPQ-FRSH

DOLO A.A.

DOLO A.A.

DOLO-GRY-F-XLN-V-ARGIL-HD-DNS W/ CALCITE XLS  
IN TRAY

DOLO-GRY-F-XLN-SHLY-HD-DNS -TR CHRT-NO VIS  
FLOR-NO VIS SHOW

DOLO A.A. W/ (3)PCS LS-LT BRN-F-XLN-HD-DNS

DOLO-GRY-F-XLN-SHLY-HD-DSN W/ CHRT-GRY/OFF  
WHT-FOSS FRAGS-OPQ-FRSH

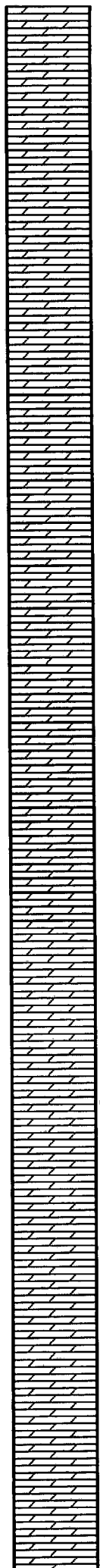
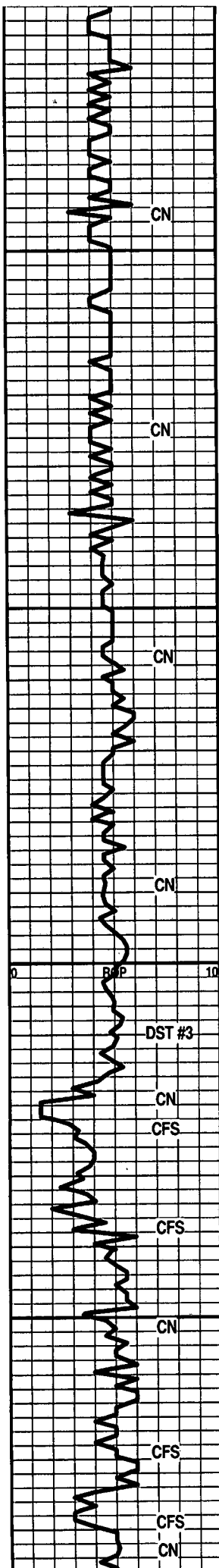
DOLO A.A.

DOLO-GRY-F-XLN-SHLY-W/ CHRT-NO VIS FLOR

HW 10 UNIT @ 5877'

HW 20 UNIT GAS INCRS  
@ 5890'

WT. 9.3  
VIS 70  
LCM #5



6100  
6150  
6200  
6250

DOLO A.A.- 1 PC LS-OFF WHT-F-XLN-FOSS FRAGS  
CHLKY-BRIT-NO VIS POR-NO VIS FLOR

DOLO A.A.

DOLO-GRY-F-XLN-AGRIL-NO VIS POR- 1PC  
LS-TN-F-XLN-SM GLAU XLS IMD-NO VIS POR-NO VIS  
SHOW

DOLO A.A.

DOLO A.A.

DOLO-GRY-F-XLN-SHLY-HD-DNS-W/ CHRT

DOLO-GRY-F-M-GRN-SH LT GRY DISS THRU-HD-DNS  
W/ CHRT-GRY-OPQ-FRSH

SH-LT GRN-FRM-LMY

**VIOLA 6198' (-4457')  
LOG 6202' (-4461')**

DOLO-TN-F-GRN-SUCRO-FOSS FRAGS-PR TO FR  
INTER-GRN/SM VUG POR-BRITE YEL/GLD FLOR-FLSH  
CUT WHEN CRUSHED-FNT ODOR W/  
CHRT-GRY-FOSS-OPQ-FRSH IN TRAY

DOLO-TN-F-GRN-SUCRO-TR FRAC POR-LT BRN STN  
-BRITE YEL FLOR-FLSH CUT WHEN CRUSHED-FNT  
ODOR

DOLO-TN-F-GRN-SUCRO-FOSS FRAGS-TR FRAC  
POR-TR BRITE GLD FLOR-NO VIS CUT W/  
CHRT-GRY-TRANS-FOSS-FRSH

DOLO-TN-F-GRN-SUCRO-TR FRAC/VUG AND  
INTER-GRN POR-LT BRN STN (VISIBLE WHEN  
DRIED)-SCATT BRITE GLD FLOR-FLSH CUT WHEN  
CRUSHED-NO ODOR

DOLO-TN-F-GRN-FOSS-PR TO FR INTER-GRN  
POR-SCATT GLD FLOR-TR FLSH CUT WHEN  
CRSHED-NO ODOR

WT. 9.3  
VIS 66  
LCM #6

DST #3  
6215-6234  
REC-180 FT GIP + 120FT  
MUD  
IBLW-WK BLW BLT 2.5  
IN INTO BUCKET IN 15  
MIN  
FBLW-FAIR BLW BLT  
BOB IN 30 MIN  
SIP-284-498  
IFP-44-79  
FFP-49-76  
HP-3131-2822

HW 80 UNIT GAS  
INCRS

HW 100 PLUS OFF  
CHART

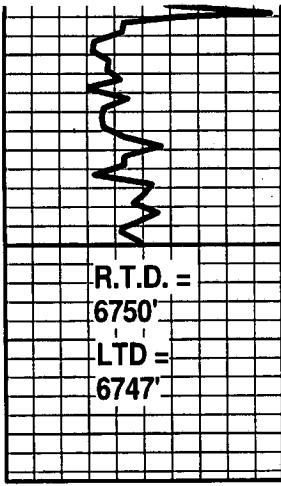
ST HOLE @ 6234'  
1 1/2 DEG

DST #4  
HW 120 UNIT GAS REC-50 FEET MUD  
INCRS 6234-6281  
IBLW-WL BLW 2  
INCHES INTO BUCKET  
IN 15 MIN  
FBLW-WK BLW BLT 5  
HW 45 UNIT GAS INCRS IN 45 MIN  
SIP-358-579  
IFP-53-65  
FFP-57-64







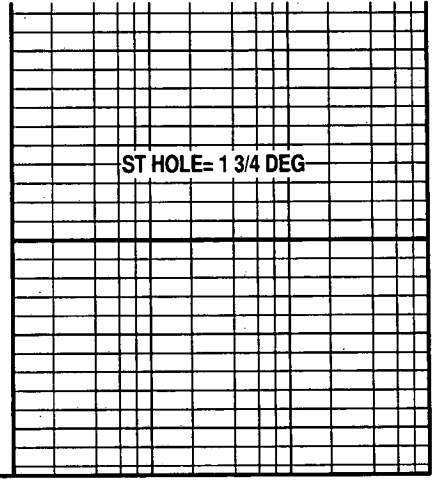


R.T.D. =  
6750'  
LTD =  
6747'



6750

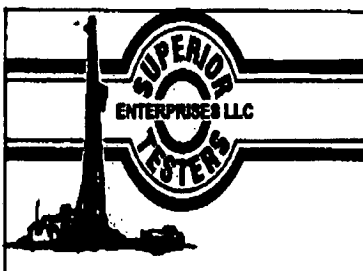
FLOR-NO VIS CUT  
  
DOLO-LT TN-V-F-GRN-SNDY-TR FRAC POR-DULL YEL  
FLOR-NO VIS CUT-CHRT-WHT-OPQ-FRSH  
  
DOLO A.A.



ST HOLE- 1 3/4 DEG







# DRILL STEM TEST REPORT

F.G Hall Company L.L.C  
 9431 E Central Ste 100 Wichita KS 67208  
 ATTN: Rene

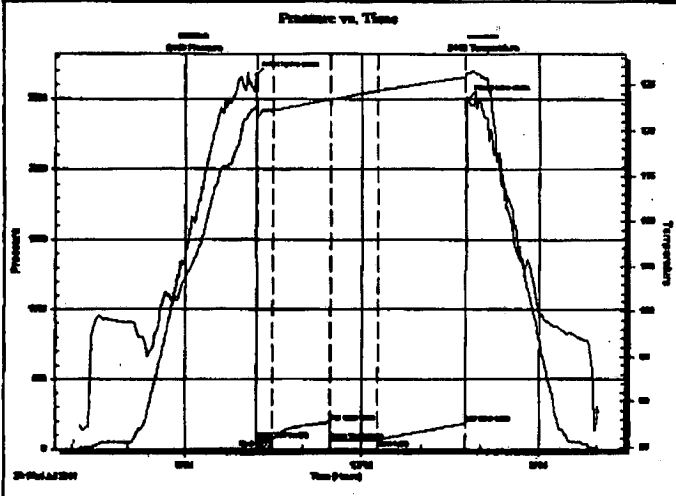
Woolfolk A 1-31  
 31-34-19 Comanche  
 Job Ticket: 16506 DST#: 1  
 Test Start: 2011.07.20 @ 07:08:00

## GENERAL INFORMATION:

Formation: Mississippi  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:13:30  
 Time Test Ended: 18:02:30  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jared Scheck  
 Unit No: 3320- GB- 236  
 Interval: 5216.00 ft (KB) To 5275.00 ft (KB) (TVD)  
 Reference Elevations: 1741.00 ft (KB)  
 Total Depth: 5275.00 ft (KB) (TVD) 1728.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 13.00 ft

Serial #: 8419 Inside  
 Press@RunDepth: 65.87 psia @ 5271.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2011.07.20 End Date: 2011.07.20 Last Calib.: 2011.07.20  
 Start Time: 07:09:00 End Time: 18:02:30 Time On Btm: 2011.07.20 @ 10:12:30  
 Time Off Btm: 2011.07.20 @ 13:48:00

TEST COMMENT: 15/Initial Open: Strong blow built bottom of bucket in 5 1/2 minutes  
 60/Initial Shut in: No blow back  
 45/Final Open: Fair blow built 8 inches into water in 45 minutes  
 90/Final Shut in: No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2670.66	122.57	Initial Hydro-static
1	66.96	121.58	Open To Flow (1)
17	64.55	122.27	Shut-In(1)
75	190.10	123.46	End Shut-In(1)
76	60.55	123.45	Open To Flow (2)
124	65.87	124.35	Shut-In(2)
212	184.61	125.80	End Shut-In(2)
214	2503.01	128.43	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
2.00	mud	0.01

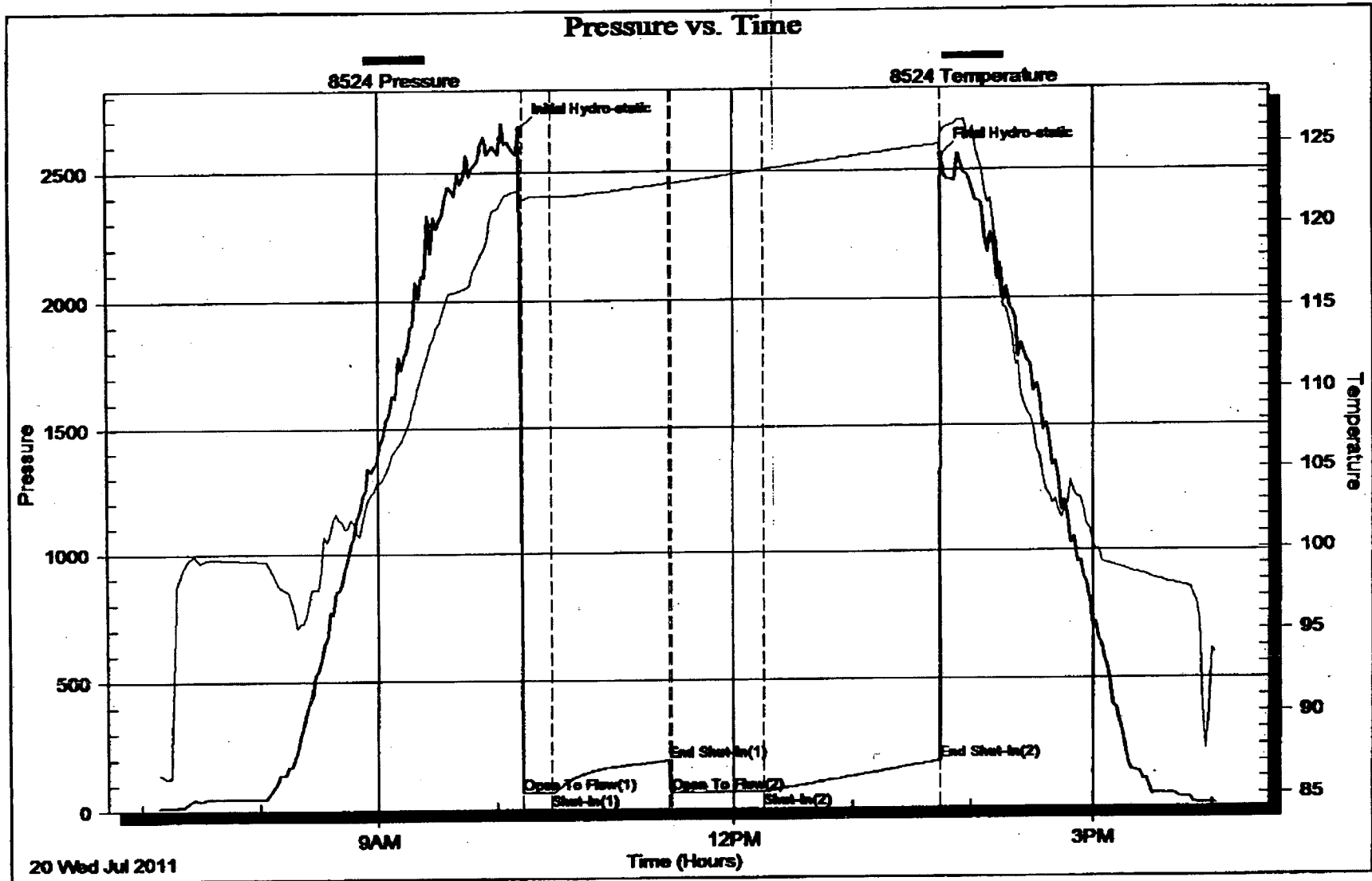
Gas Rates			
	Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)

Serial #: 8524

Outside F.G Holl Company L.L.C

31-34-19 Comanche

DST Test Number: 1





**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 04389 A

31-345-19W

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <b>7-30-11</b> DISTRICT <b>Pratt, Kansas</b>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <b>F.G. Holl Company, LLC.</b>		LEASE <b>Woolfolk "A"</b> WELL NO. <b>1-31</b>							
ADDRESS		COUNTY <b>Comanche</b> STATE <b>Kansas</b>							
CITY STATE		SERVICE CREW <b>C. Messick: M. Mattal: J. McCaskey</b>							
AUTHORIZED BY		JOB TYPE: <b>C.N.W. - Two Stage Long String</b>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<b>37,216</b>	<b>3.25</b>						<b>7-29-11</b>	<del>PM</del>	<b>5:00</b>
						ARRIVED AT JOB	<b>7-29-11</b>	<del>AM</del>	<b>10:00</b>
<b>19,903-19,905</b>	<b>3.25</b>					START OPERATION	<b>7-30-11</b>	<del>PM</del>	<b>7:00</b>
						FINISH OPERATION	<b>7-30-11</b>	<del>AM</del>	<b>12:15</b>
<b>19,832-21,010</b>	<b>3.25</b>					RELEASED	<b>7-30-11</b>	<del>PM</del>	<b>12:30</b>
						MILES FROM STATION TO WELL			<b>80</b>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA 2 Cement	sf	125		
CP 105	AA 2 cement	sf	100		
CP 105	AA 2 cement	sf	100		
CC 102	Cell plate	Lb	81		
CC 105	Defoamer	Lb	77		
CC 111	Salt (Fine)	Lb	1458		
CC 115	Gas Blot	Lb	306		
CC 129	FLA-322	Lb	306		
CC 201	Gilsonite	Lb	3250		
CF 400	Two Stage Cement Collar, 4 1/2"	ea	1		
CF 600	Latch Down Plug and Baffle, 4 1/2"	ea	1		
CF 1250	Auto Fill Float Shoe, 4 1/2"	ea	1		
CF 1650	Turbolizer, 4 1/2"	ea	10		
CF 1900	Bastret, 4 1/2"	ea	2		
CF 2002	Rotating Scratchers	ea	30		
CC 154	Super Flvsh	Gal	1,000		

SUB T

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	% TAX ON \$
MATERIALS	% TAX ON \$

T

SERVICE REPRESENTATIVE	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
------------------------	---

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. \_\_\_\_\_





**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET

1718 ~~04390~~ A  
Continuation

31-345-19W

DATE \_\_\_\_\_ TICKET NO. 4,389

DATE OF JOB <u>7-30-11</u> DISTRICT <u>Pratt, Kansas</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER <u>F.G. Holl Company, LLC.</u>		LEASE <u>Woolfolk "A"</u> WELL NO. <u>1-31</u>								
ADDRESS _____		COUNTY <u>Comanche</u> STATE <u>Kansas</u>								
CITY _____ STATE _____		SERVICE CREW <u>C. Messick: M. Mattal: J. McCuskey</u>								
AUTHORIZED BY _____		JOB TYPE: <u>C.N.W. - Two Stage Long string</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
						ARRIVED AT JOB				
						START OPERATION				
						FINISH OPERATION				
						RELEASED				
						MILES FROM STATION TO WELL				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P E 100	Pickup Mileage	mi	80		
P E 101	Heavy Equipment Mileage	mi	160		
P E 113	Bulk Delivery	tm	1,224		
P CE 207	Cement Pump: 6,000 Feet To 7,000 Feet	hrs.	4		
P CE 240	Blending and mixing service	sk	325		
P CE 501	Casing Swivel	Job	1		
P CE 504	Plug Container	Job	1		
P 5003	Service Supervisor	hrs.	8		

SUB TO

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	% TAX ON \$
MATERIALS	% TAX ON \$

TC

SERVICE REPRESENTATIVE <u>R. M. [Signature]</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
---	---

FIELD SERVICE ORDER NO.

Customer F.G. Hill Company, LLC	Lease No.	Date 7-30-11
Lease Woolfolk "A"	Well # 1-31	
Field Order # 4389	Station Pratt, Kansas	County Comanche
Type Job C.N.W. - Longstring	Formation	State Kansas
	Depth 6,742 Feet	Legal Description 31-345-19W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 11.6" I.D.	Tubing Size 4.5" I.D.	Shots/Ft		25 sacks AA2	for scavenger	RATE	PRESS
Depth 6,742 Feet	Depth	From	To	25 sacks AA2 with 1 lb. Cellflats	5 lb./st. Gilsonite	5 Min.	ISIP
Volume 104.5 Bbl.	Volume	From	To	1085 gal. 25 lb./st. G	5 lb./st. G	15 Min.	
Max Press. 100 P.S.I.	Max Press.	From	To	15 lb./gal. 5.37 Gal.	1.43 cu. FT. / hr.		
Well Connection 1 1/2" S Wedge	Annulus Vol.	From	To	Flush 30 Bbl. H <sub>2</sub> O and 1 Bbl. Drilling Mud			Annulus Pressure
Plug Depth 6,705 Feet	Packer Depth	From	To				Total Load

Customer Representative Rob Long	Station Manager David Scott	Treater Clarence R. Messick
Service Units 37,216	19,903	19,905
Driver Names Messick	Mattal	McClaskey

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:00					Trucks on location and hold safety meeting.
12:15					Duke Drilling start to run Auto Fill Float Shoe, Shoe Joint with Latch Down Baffle screwed into collar and a total of 175 Joints new 11.6 lb./ft. 4 1/2" casing. A Basket was installed above collars #4 and #27. A Turbolizer was installed on collars #11, 12, 13, 14, 15, 30, 31, 32, 33, 34. A D.V. Tool was installed in collar #28 or 5,430 feet down from surface.
5:00					Casing in well. Circulate and Rotate for 2 Hours. Shot in well. Pressure Test. Open Well.
7:12	400			6	Start Fresh Water Pre-Flush.
			20	6	Start Super Flush.
			32	5	Start Fresh Water Spacer.
			35	5	Start mixing 25 sacks AA2 cement for Scavenger.
7:20	400		41	5	Start mixing 125 sacks AA2 cement.
	-0-		73		Stop pumping. Wash pump and lines. Remove sledge from well. Insert Latch Down Plug into casing. Reinstall sledge.
7:37	100			6.5	Start Fresh Water Displacement.
			30	5	Start Drilling mud Displacement.
			87	5	Start to lift cement.
8:00	800		104		Plug down.
	1,700				Pressure up.
					Release pressure. Float Shoe held.

## TREATMENT REPORT

Customer: <b>G. Holl Company, LLC</b>	Lease No.	Date: <b>7-30-11</b>
Lease: <b>Woolfolk "A"</b>	Well #: <b>1-31</b>	
Field Order #: <b>4389</b>	Station: <b>Pratt, Kansas</b>	Casing: <b>11.6lb</b>
Type Job: <b>C.N.W. - Longstring - Top Stage</b>	Formation:	County: <b>Comanche</b>
		State: <b>Kansas</b>
		Legal Description: <b>31-345-19W</b>

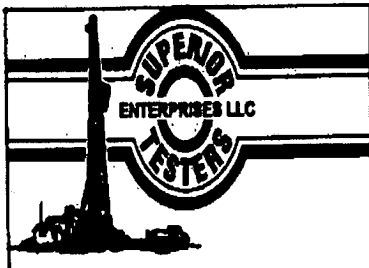
PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
Casing Size: <b>11.6lb/ft</b>	Tubing Size:	Shots/Ft:				RATE	PRESS	ISIP
Depth: <b>5430 Feet</b>	Depth:	From:	To:	<b>100 sacks AA 2 cement</b>		<b>18 F.L.A-322</b>		<b>258 Defoamer,</b>
Volume: <b>84.2 Bbl</b>	Volume:	From:	To:	<b>18 Gas Blt, 108 salt, 27 lb/st cell flate, 5 lb/st Gilsonite</b>				<b>10 Min</b>
Max Press: <b>1900 psi</b>	Max Press:	From:	To:	<b>15 lb/gal, 5.37 Gal/st</b>		<b>1.43 CU.F.T./st</b>		<b>15 Min.</b>
Well Connection: <b>Plug container</b>	Annulus Vol.:	From:	To:	<b>50 sacks AA-2 to plug Rat and Mouse (20 sacks) holes.</b>		<b>HMC Used</b>		<b>Annulus Pressure</b>
Plug Depth: <b>5430 Feet</b>	Packer Depth:	From:	To:	<b>Flush 84.2 Bbl. Fresh Water</b>		<b>Gas Volume</b>		<b>Total Load</b>

Customer Representative	Station Manager	Treater
-------------------------	-----------------	---------

Service Units								
Driver Names								

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					Remove swedge and Rotating head from well and release Opening Device for D.V. Tool.
8:25	1,000				Open D.V. Tool. Pump remaining mud on pump truck.
8:35					Hookup well to rig to circulate for 2 Hours.
10:52	400				Start Fresh water Pre-Flush. Start Super Flush. Start Fresh water spacer.
11:00	200				Start mixing 25 sacks scavenger cement. Start mixing 100 sacks AA 2 cement.
					Stop pumping. Shut in well. Wash pump and lines. Release D.V. closing plug. Open Well.
11:13	100				Start Fresh water Displacement. Start to lift cement.
11:26	800				Plug down.
	1900				Pressure up and close D.V. Tool. Release pressure. No returns.
					Plug Rat and Mouse holes. Washup pump truck.
					Job Complete. Thank You. Clarence, Mike, Jaffery





# DRILL STEM TEST REPORT

F.G Hall Company L.L.C  
 9431 E Central Ste 100 Wichita KS 67208  
 ATTN: Rene

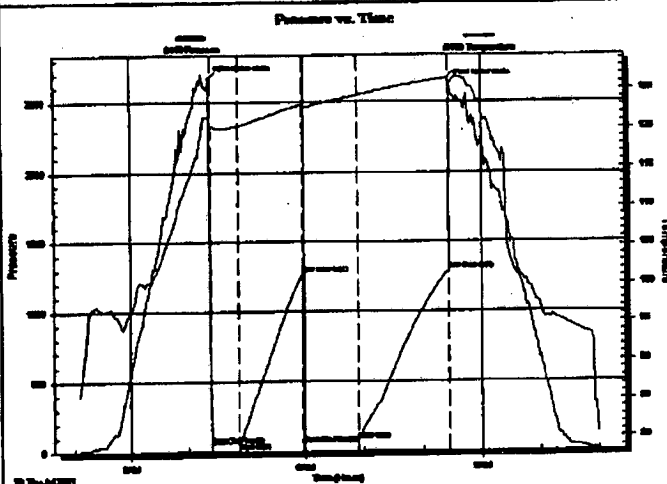
Woolfolk A 1-31  
 31-34-19 Comanche  
 Job Ticket: 16507 DST#: 2  
 Test Start: 2011.07.21 @ 02:05:00

## GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: **No Whipstock:** ft (KB)  
 Time Tool Opened: **04:24:30**  
 Time Test Ended: **11:01:00**  
 Interval: **5275.00 ft (KB) To 5307.00 ft (KB) (TVD)**  
 Total Depth: **5307.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole (Initial)**  
 Tester: **Jared Scheck**  
 Unit No: **3320-GB-236**  
 Reference Elevations: **1741.00 ft (KB)**  
**1728.00 ft (CF)**  
**KB to GR/CF: 13.00 ft**

Serial #: **8419** Inside  
 Press@RunDepth: **79.45 psia @ 5303.00 ft (KB)** Capacity: **5000.00 psia**  
 Start Date: **2011.07.21** End Date: **2011.07.21** Last Calib.: **2011.07.21**  
 Start Time: **02:06:00** End Time: **11:01:00** Time On Btm: **2011.07.21 @ 04:23:00**  
 Time Off Btm: **2011.07.21 @ 08:27:30**

TEST COMMENT: 30/Initial Open:Fair blow built bottom of bucket in 12 minutes  
 60/Initial Shut In:No blow back  
 60/Final Open:Strong blow built bottom of bucket in 1 minute  
 90/Final Shut In :No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2666.45	121.43	Initial Hydro-static
2	51.24	120.55	Open To Flow (1)
30	65.17	120.37	Shut-in(1)
95	1278.01	123.09	End Shut-in(1)
96	54.38	122.81	Open To Flow (2)
151	79.45	124.28	Shut-in(2)
244	1294.69	126.47	End Shut-in(2)
245	2628.43	126.76	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
80.00	MUD	0.39

## Gas Rates

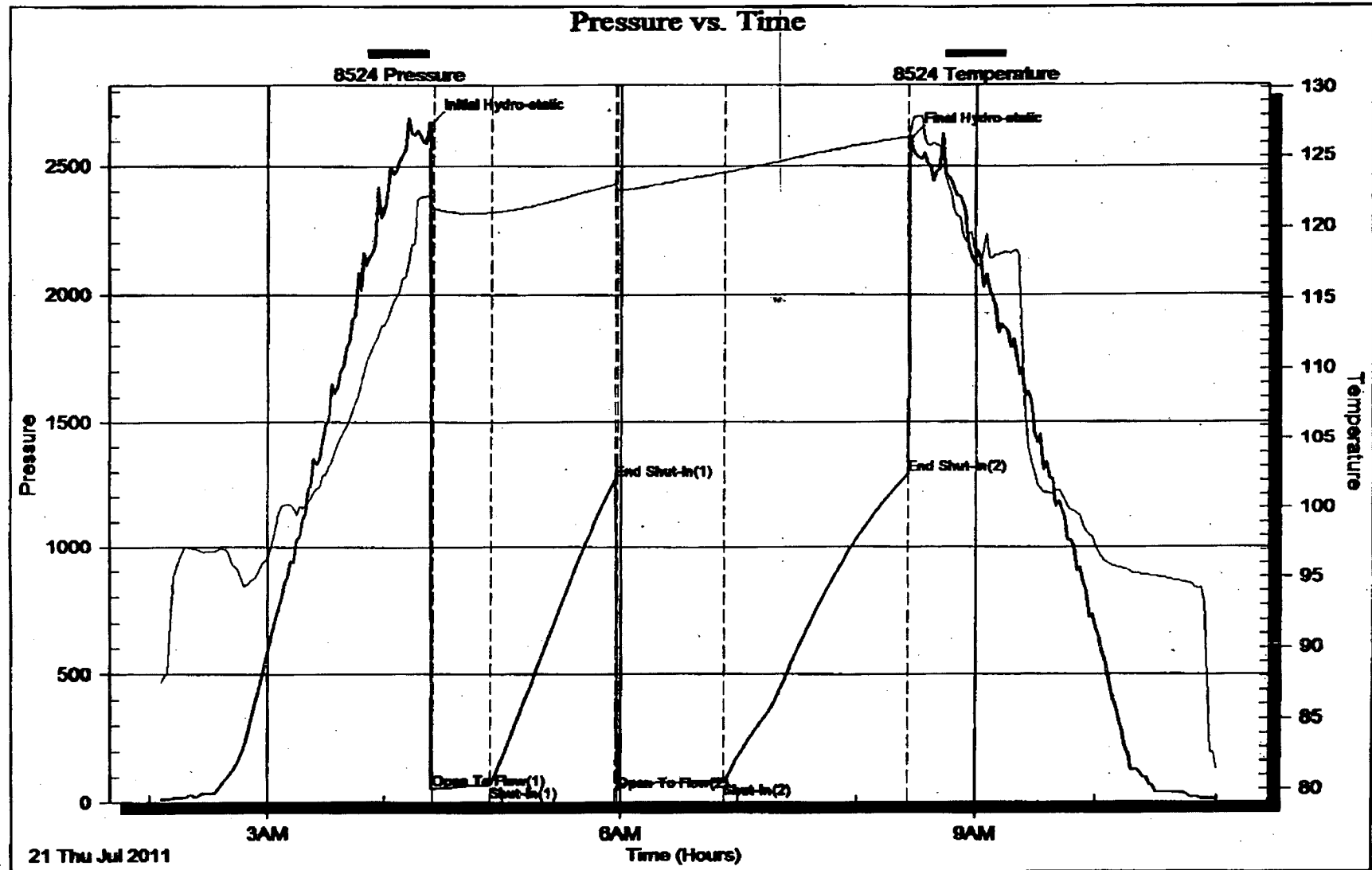
	Choke (Inches)	Pressure (psia)	Gas Rate (Mcfd)

Serial #: 8524

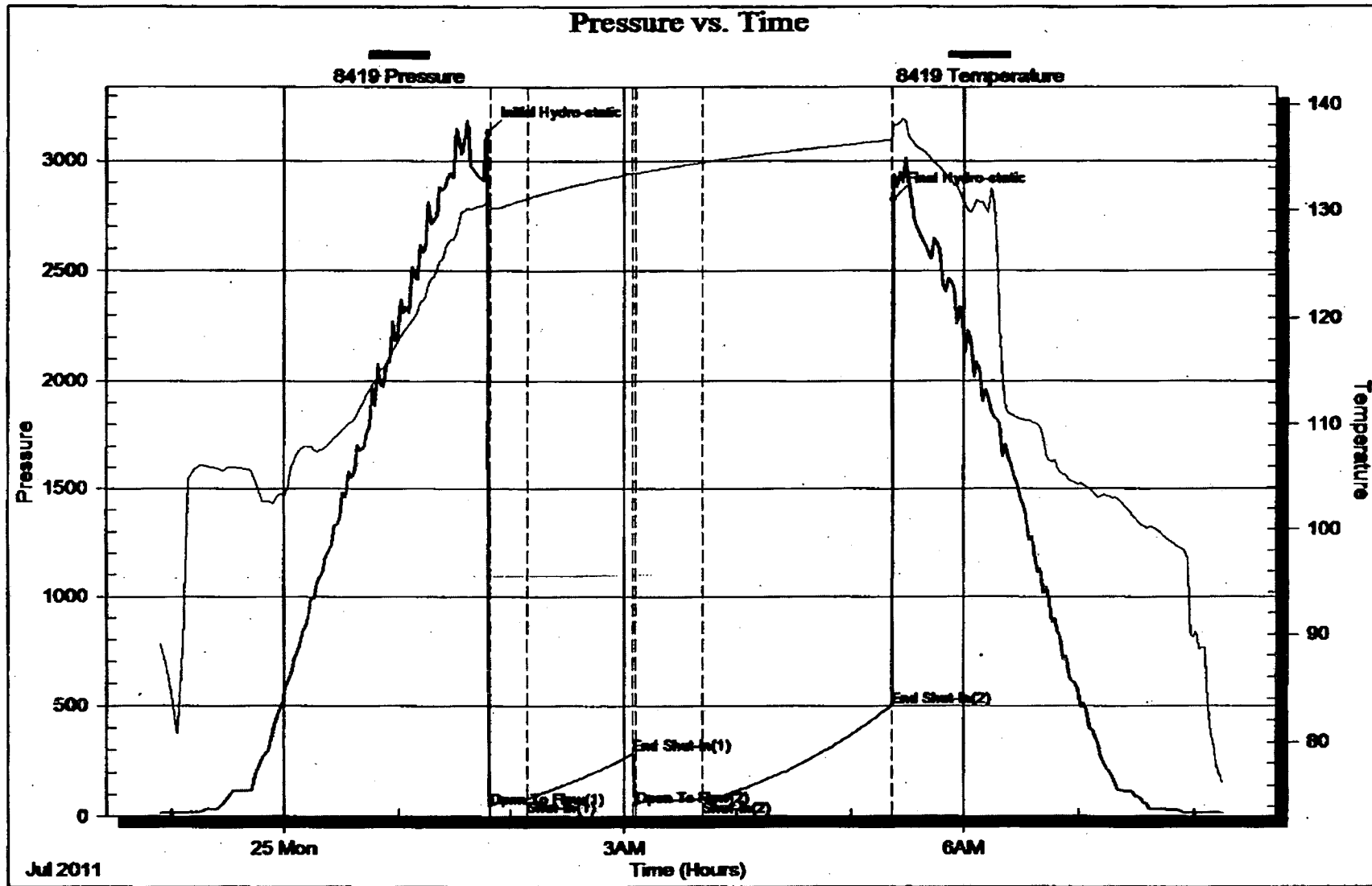
Outside F.G Hall Company L.L.C

31-34-19 Comanche

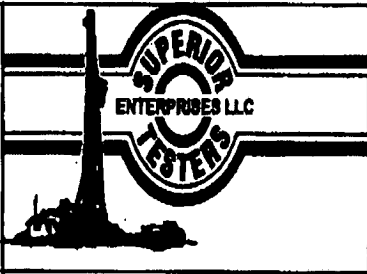
DST Test Number: 2











# DRILL STEM TEST REPORT

F.G Holl Company L.L.C

Woolfolk A 1-31

9431 E Central Ste 100 Wichita KS 67208

31-34-19 Comanche

ATTN: Rene

Job Ticket: 16509

DST#: 4

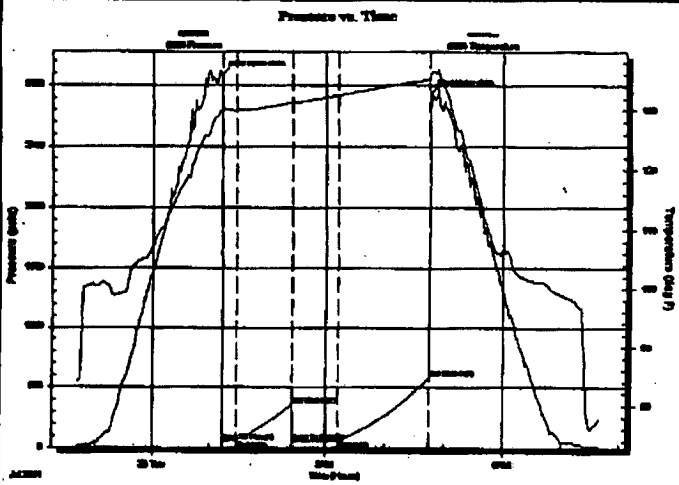
Test Start: 2011.07.25 @ 22:40:00

## GENERAL INFORMATION:

Formation: Viola  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 01:14:30  
 Time Test Ended: 07:42:00  
 Interval: 6234.00 ft (KB) To 6281.00 ft (KB) (TVD)  
 Total Depth: 6281.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 Inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jared Scheck  
 Unit No: 3320-236-GB  
 Reference Elevations: 1741.00 ft (KB)  
 1728.00 ft (CF)  
 KB to GR/CF: 13.00 ft

Serial #: 8524 Outside  
 Press@RunDepth: 579.07 psia @ 6278.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2011.07.25 End Date: 2011.07.26 Last Calib.: 2011.07.26  
 Start Time: 22:41:00 End Time: 07:41:00 Time On Btm: 2011.07.26 @ 01:12:00  
 Time Off Btm: 2011.07.26 @ 04:48:00

TEST COMMENT: 15/Initial Open: weak blow built 2 inches into water in 15 minutes  
 30/Initial Shut in: No blow back  
 45/Final Open: weak blow built 5 inches into water in 45 minutes  
 90/Final Shut in: No blow back



## PRESSURE SUMMARY

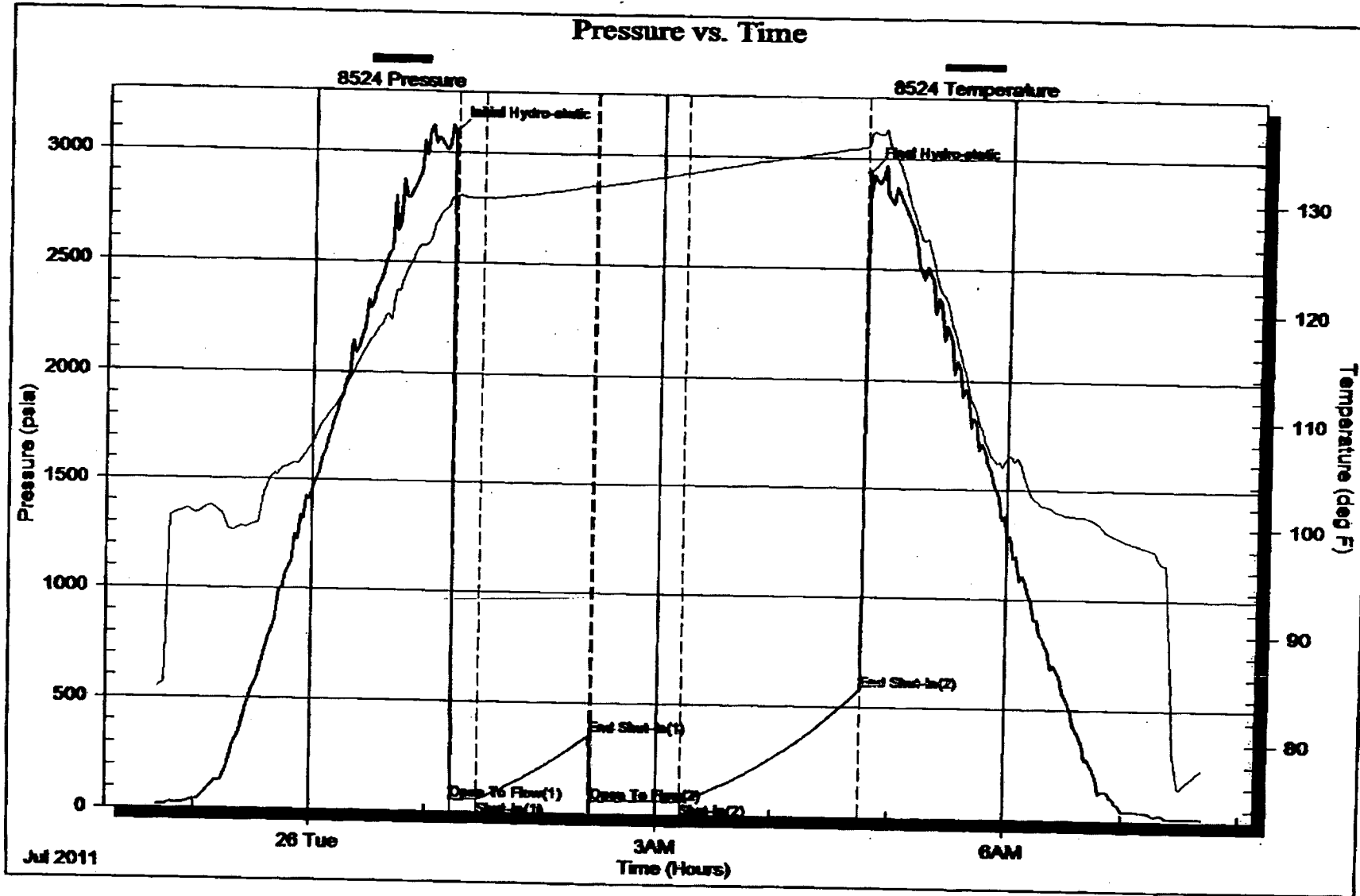
Time (Mn.)	Pressure (psia)	Temp (deg F)	Annotation
0	3092.73	129.80	Initial Hydro-static
2	55.92	130.09	Open To Flow (1)
16	56.22	129.93	Shut-in(1)
73	358.44	131.22	End Shut-in(1)
74	56.70	131.17	Open To Flow (2)
121	63.14	132.50	Shut-in(2)
213	579.07	135.20	End Shut-in(2)
214	2936.24	135.90	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	Mud	0.25

## Gas Rates

	Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)





**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 04701 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <b>7-8-11</b> DISTRICT <b>Pratt</b>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER <b>F.L. Hull</b>		LEASE <b>Woolfolk A</b> WELL NO. <b>1-31</b>						
ADDRESS		COUNTY <b>Comanche</b> STATE <b>Ks</b>						
CITY STATE		SERVICE CREW <b>Orlando, Wisor, Hunter</b>						
AUTHORIZED BY		JOB TYPE: <b>CNW-8 5/8 Surface</b>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <b>7-8-11</b> DATE	AM	TIME
<b>27283</b>	<b>1</b>						PM	<b>5:30</b>
<b>27463</b>	<b>1</b>					ARRIVED AT JOB	AM	<b>7:30</b>
<b>19832-19862</b>	<b>1</b>					START OPERATION	PM	<b>11:00</b>
						FINISH OPERATION	AM	<b>12:00</b>
						RELEASED	PM	<b>12:30</b>
						MILES FROM STATION TO WELL		<b>80</b>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP101	Acua Blend	SK	200		
CP100	Cummins	SK	200		
CC102	Cellulose	Lb	100		
CC109	Calcium Chloride	Lb	1128		
CC200	Cement Gel	Lb	376		
CF105	Top Rubber Plug 8 5/8"	ea	1		
CF1453	Flapper Type Insert 8 5/8"	ea	1		
CF1753	Centralizers 8 5/8"	ea	3		
CF1903	Basket 8 5/8"	ea	2		
E100	Pickup Mileage	mi	80		
E101	Heavy Equipment Mileage	mi	160		
E113	Bulk Delivery	Tm	1504		
CE201	Depth Charge 501-1000	ea	1		
CE240	Cement Service Charge	SK	400		
CE504	Plug Container	ea	1		
S003	Service Supervisor	ea	1		

SUB TOTAL **K6**

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

TOTAL

SERVICE REPRESENTATIVE **Steve Orlando** THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY **Alan D. Rosh**  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer F.L. Hill	Lease No.	Date 7-8-11
Lease L...	Well # A 1-51	
Field Order # 41201	Station P...	Casing 2 1/8
	Depth 867	County Comanch
Type Job CNU - 2 1/8 Surface	Formation	Legal Description 31-34-17

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
2 1/8								5 Min.
Depth	Depth	From	To	Pre Pad	Max			
Volume	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative	Station Manager	Treater
-------------------------	-----------------	---------

Service Units	Driver Names																		
---------------	--------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00 AM					Completed 7 new jobs
					Completed 10 bbls cement TOU 11
					THANK YOU
11:11	300		3	5	H2O Annul
11:16	300		83	5	MAX 2000# Annul 12 1/2"
11:37	250		47	5	MAX 2000# Annul 15 1/2"
					SHUT DOWN - RELIEF PLUG
11:50	0		0	5	SHUT DOWN TO PLACE
11:55	400		42	5	Completed TOU Surface
12:00 AM	450		50	5	PLUG PLACED - H-10

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

November 14, 2011

Franklin R. Greenbaum  
F. G. Holl Company L.L.C.  
9431 E CENTRAL STE 100  
WICHITA, KS 67206-2563

Re: ACO-1  
API 15-033-21587-00-00  
WOOLFOLK 'A' 1-31  
SE/4 Sec.31-34S-19W  
Comanche County, Kansas

Dear Franklin R. Greenbaum:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 07/06/2011 and the ACO-1 was received on November 10, 2011 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department