

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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GLOBAL OIL FIELD SERVICES, LLC

2972

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell, KS

DATE <u>6-7-17</u>	SEC. <u>24</u>	TWP. <u>11</u>	RANGE <u>19W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>10:30pm</u>
LEASE <u>ConocoPhillips</u>	WELL # <u>4-517</u>		LOCATION <u>HAYS, KS</u>			COUNTY <u>FILLIS</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (CIRCLE ONE)							

CONTRACTOR LAWMARR DRILLING RIG#4

OWNER

TYPE OF JOB SURFACE

HOLE SIZE 17 1/4 T.D.

CASING SIZE 9 5/8 DEPTH 337.33+15' 25'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 12.22'

CEMENT LEFT IN CSG. 20'

PERFS

DISPLACEMENT 21 BBL

EQUIPMENT

PUMP TRUCK CEMENTER Beard

409 HELPER Cozy

BULK TRUCK DRIVER Tom

378

BULK TRUCK DRIVER

DRIVER

CEMENT AMOUNT ORDERED 225 SY com 3% cc 2% cc

- COMMON @
- POZMIX @
- GEL @
- CHLORIDE @
- ASC @
- HANDLING @
- MILEAGE @

REMARKS:

Review 80TS 8 5/8 CASING, CIRCULATE AND
DLY 225SY, WASH UP DISARGE OF 21 BBL M20
SHUT IN @ 200 PSI, CEMENT 00 CIRCULATE

TOTAL

SERVICE

- DEPTH OF JOB
- PUMP TRUCK CHARGE
- EXTRA FOOTAGE @
- MILEAGE @
- MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

- @
- @
- @
- @
- @

TOTAL

CHARGE TO: STATE OF KANSAS
STREET
CITY STATE ZIP

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

Global Oil Field Services, LLC
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Jim Fenske
SIGNATURE

GLOBAL OIL FIELD SERVICES, LLC

2957

EMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell, KS

DATE <u>6-19-17</u>	SEC. <u>24</u>	TWP. <u>11</u>	RANGE <u>19W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>CYPRESS PLUG</u>	WELL #. <u>04-517</u>	LOCATION <u>HAYS, KS</u>				COUNTY <u>ELLIS</u>	STATE <u>KS</u>
OLD OR NEW (CIRCLE ONE) <input checked="" type="radio"/> OLD <input type="radio"/> NEW							

CONTRACTOR LANDMARK DRILLING RIG#4

TYPE OF JOB DRY HOLE PLUG

HOLE SIZE 7 7/8 T.D. _____

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 x 14 DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS _____

DISPLACEMENT _____

EQUIPMENT _____

PUMP TRUCK # 417 CEMENTER BROAD

BULK TRUCK # 473 HELPER JASON

BULK TRUCK # _____ DRIVER KRIS

BULK TRUCK # _____ DRIVER _____

OWNER _____

CEMENT AMOUNT ORDERED 2705X 6040 PZ 4% GEL 1/4

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

REMARKS:

1st - 505X

2nd - 505X

3rd - 505X

4th - 505X

RA7 - 305X

5th - 105X

CHARGE TO: STROKE OF LUCK

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

TOTAL _____

RECEIVED
JUL 11 2017

PLUG & FLOAT EQUIPMENT

WIPER PLUG _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

Global Oil Field Services, LLC

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PRINTED NAME Jim Henkle

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____

IF PAID IN 30 D _____



16221 LEO CIRCLE
LEAVENWORTH, KS 66048
913 544 7527
KEVIN BAILEY

COMPANY: Stroke of Luck Exploration Jim Henkle
WELL: Custer Valley 04-0517
FIELD: Solomon **COUNTY:** Ellis **STATE:** KS
LOCATION: 1154' FSL, 2362' FWL or NE-NE-SE-SW 24-11-19

Interval Logged: 2620 **To:** 3700 **G.L.:** 2057 **K.B.:** 2068
Date Logged: 6/10/2017 **To:** 6/17/2017 **Spud Date:** 6/07/2017
Rig: Landmark Drilling Dickey Collins **Unit No.:** #4
Loggers: ELI
Api No.: 15-051-26874-00-00
Filename: solcstr-4-517.mlw
Geologist: K.J.Bailey

Created By MainLog

Abbreviations:

NB...New Bit	DST...Drill Stem Test
CO...Circ Out	DS...Directional Survey
NR...No Returns	CG...Connection gas
TG...Trip Gas	LAT...Logged After Trip
WOB...Wt on Bit	PP...Pump Pressure
RPM...Rev/Min	SPM...Strokes/Min
SG...Survey Gas	DTG...Down Time Gas

Mud Data

WT..Weight	V..Viscosity
PH..Acidity	F..Filtrate
CHL..Chlorides	SC..Solids Content

Lithology Symbols:

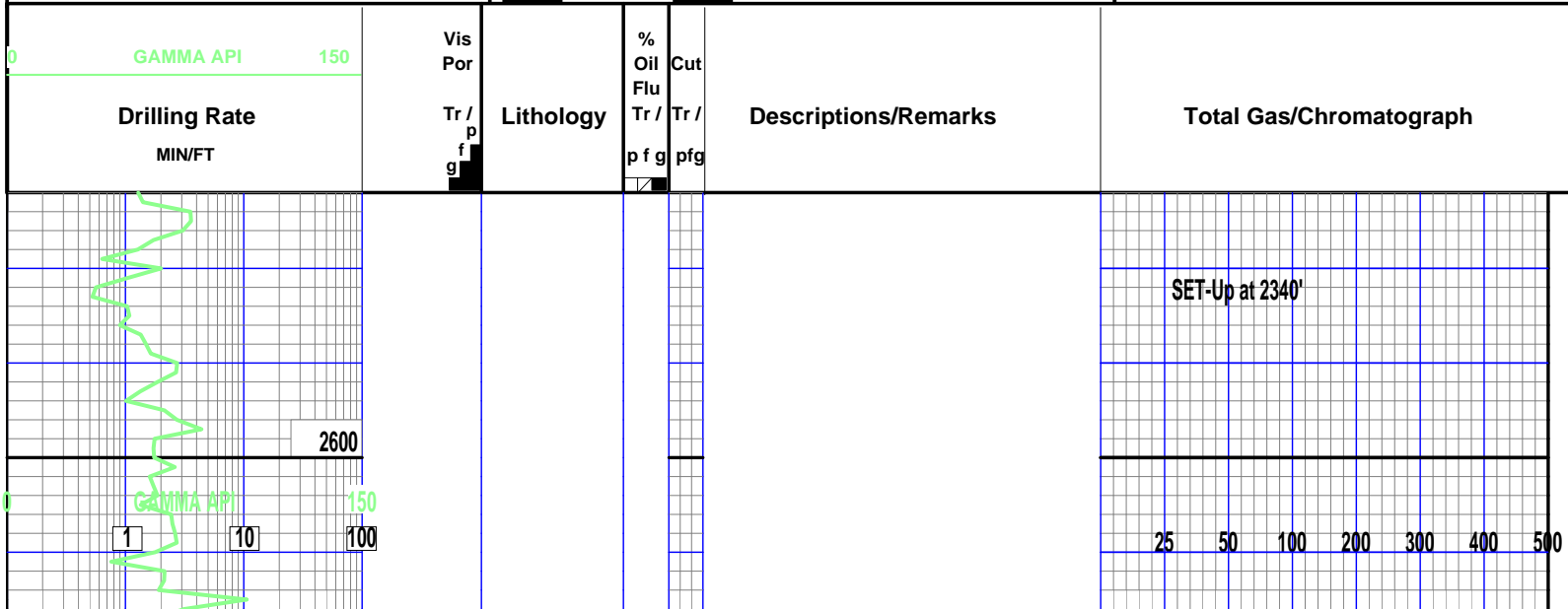
Anhydrite	Salt	Granite
Siltstone	Chert	Sandstone
Dolomite	Conglomerate	Limestone
Coal	Shale	Bentonite
Carb Shale	Granite Wash	Quartz Wash
Red Sh	Org Sh	Green Sh
Cust Sh1	Cust Sh2	Cust Sh3
Cust Sh4	Cust Sh5	Cust Sh6

Gas Chromatograph Analysis:

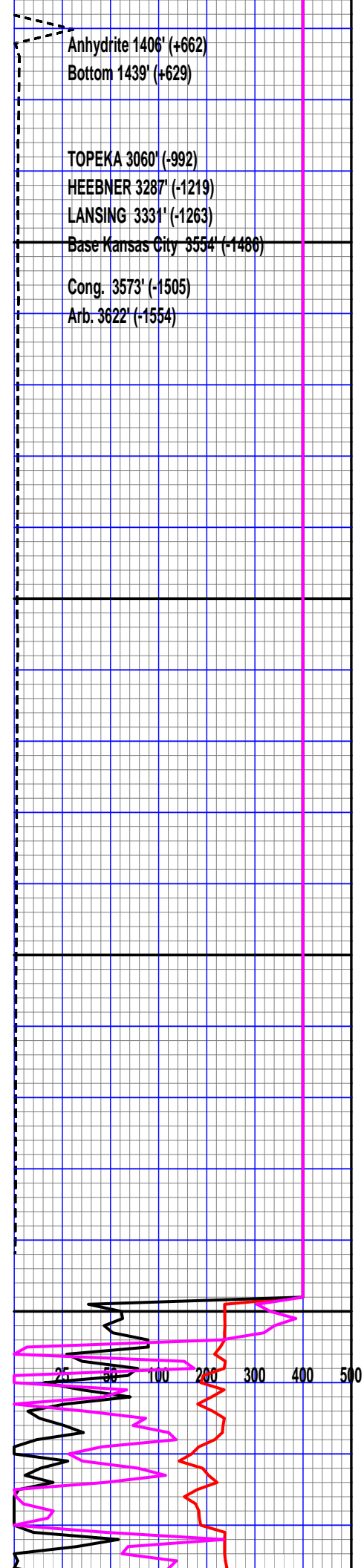
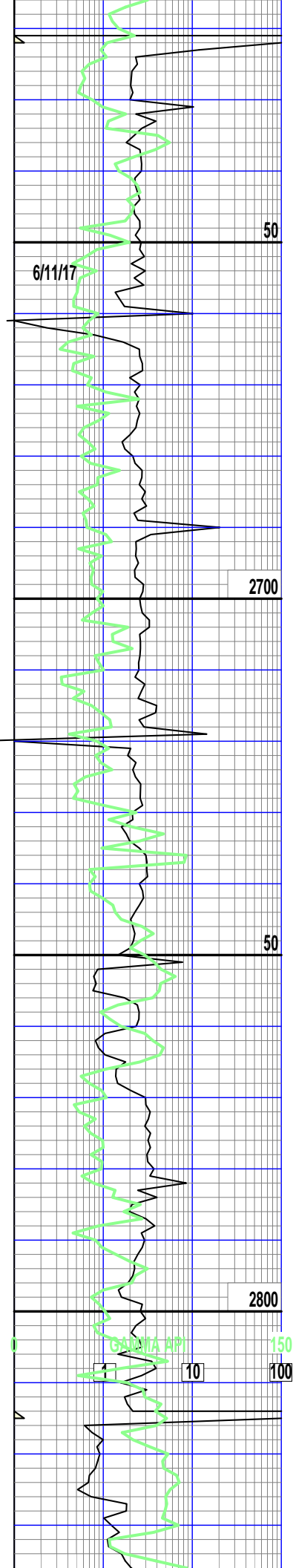
HW	-----
C1	-----
C2	-----
C3	-----
IC4	-----
NC4	-----
IC5	-----
NC5	-----

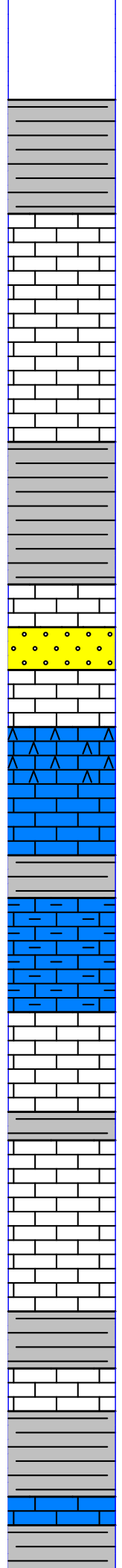
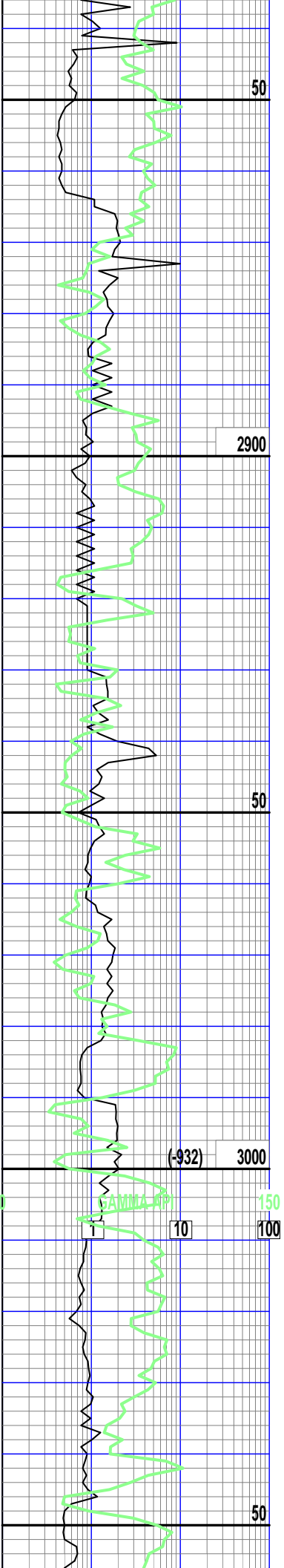
Accessories

Glauconite	Pyrite	Fossils	Oolites
Fractures	Cement		



BIT Trip @ 2621'





SH DRK GRY TRC BRTL CRM
LS NO ODOR NO SHW

AA SHOFT GUMMY GRY SH

LS CRM CHLKY SOFT NOSHW
NO ODOR

AA

LS CRM CHLKY TRC SH NO
SHW NO ODOR

AA

SH GRY SOFT GUMMY NOSHW

AA LESS SH LS CHLKY CRM
SS GRY CLR W/ DEADO TH-
ROUT VCMNTED PRVPRSTY
NO ODOR NO LIVE OIL

AA > DEADO PRVPRSTY NO
ODOR

LS W/CHERT CRM HARD NO
SHW

AA

SH DRK GRY GUMMY

AA LS CRMGRYMLKY CHALKY
NO SHW NO ODOR

SH GRY-DRKGRY LMNTD

AA W/ LS CRMGRYCHALKY
MLKY THRGHOUT NO SHW
NO ODOR

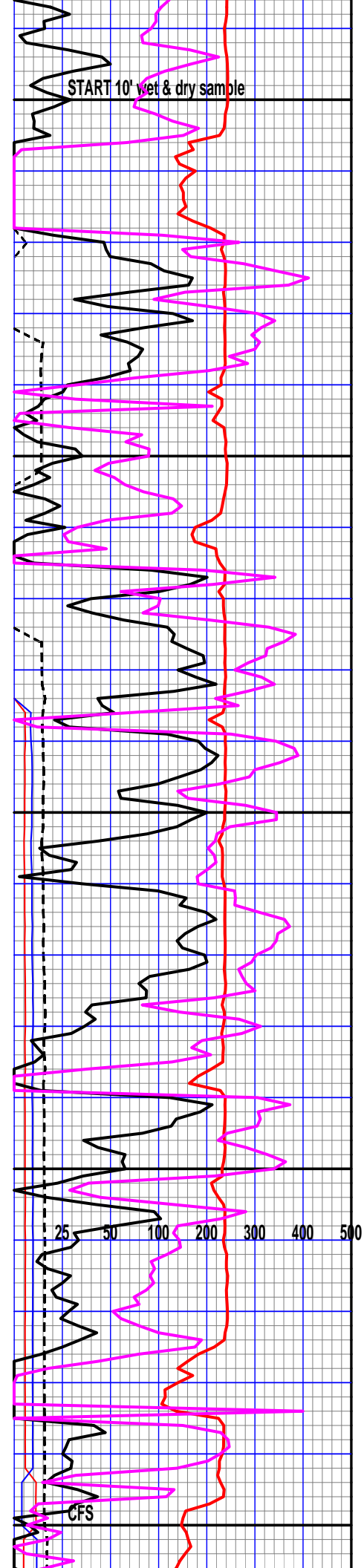
AA

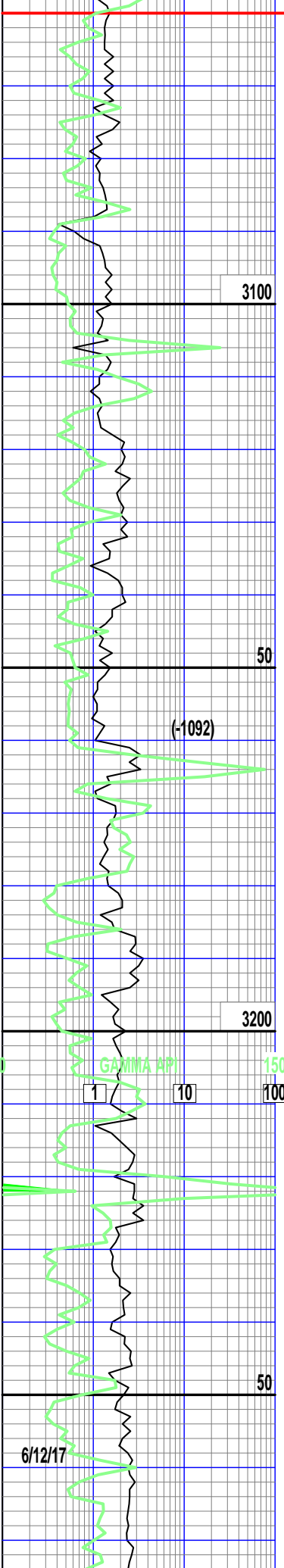
AA W/ SH'S GRY SFTGMY
LS VLTGRY INTREDD MLKY
CHALY THGHOUD NO SHW NO
ODOR.

AA < CHALKY >SH'S SOFT
GUMMY LTGRY

AA

LS CRMYLW FSL CRINODS
CHLKY IN PARTS NO SHW





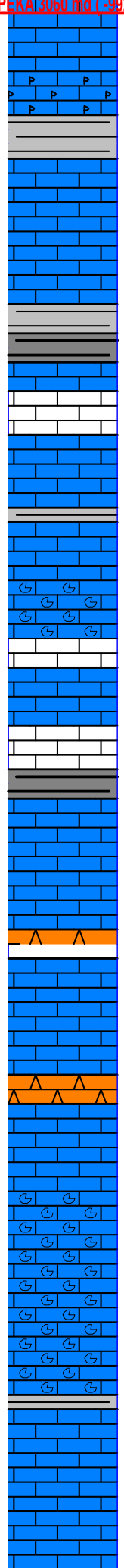
3100

3200

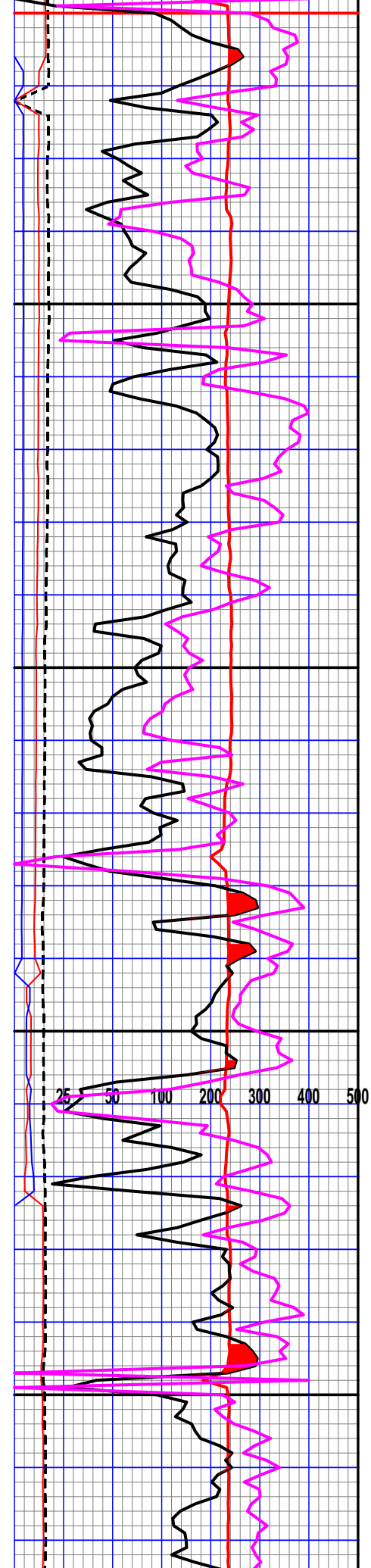
(-1092)

GAMMA AP 1 10 100 150

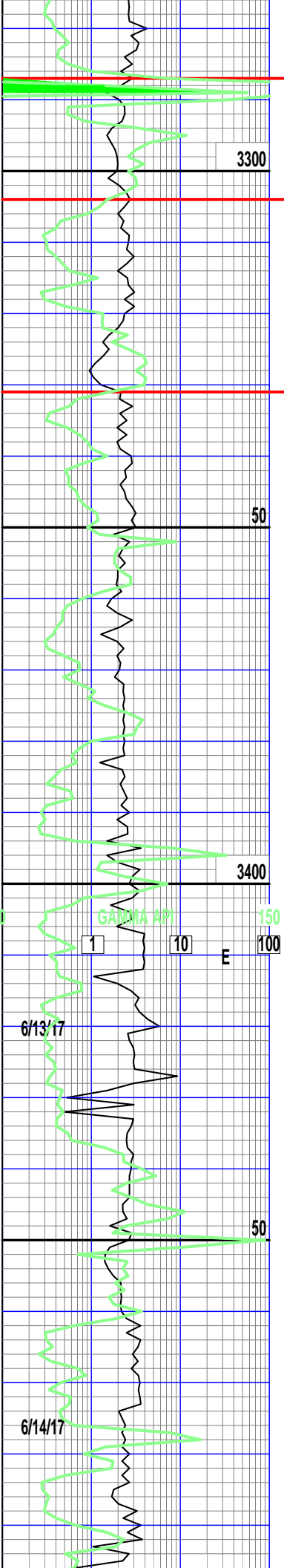
6/12/17



NO ODOR
 AA CHLKY W/ INTRBDDCHRT
 CRMLTCRMYLW FSL NO SHW
 LS GRYXYLN SS GRYCR W/
 DEADO THRGHOUT PYRC GIL
 SNITE FLACKS NVFO NO
 ODOR
 LS GRYMRTNXYLN TRC SH
 NO SHW NO ODOR
 SH GRY PLTY SOFT
 AAQ
 LS CRMGRYCRM CHALKY NO
 ODOR NO SHW
 AA WITH INTBDD SH NO
 SHW
 SH BLK
 LS CRMGRY CHALKY THRGH-
 OUT NO SHW NO ODOR
 AA < CHALKY LS MDGRYXYL
 NO SHW NO ODOR
 LS LTGRY MDXYLN NO SHW
 NO ODOR W/ INTBDD SH'S
 GRY LIMINIT BRWNRD
 LS GRYCRM CHLKY PARTS
 REWRKFSL NO SHW VVFNT
 ODOR
 AA >CHLKY BECOMING LS
 GRYDRKGRY MDXYLN HRD
 DENS
 LS MD-DRK-GRY MDXYLN NO
 VSBLPRSTY NO SHW CHLKY
 GRY NO ODOR
 SH BLK
 LS LTTN CHLKY HRD INPRT
 NVPRSTY NO SHW
 AA BECMNG BRTL <CHLKY
 NO SHW NO ODR LS CLRWHT
 XYLN NVSBPRSTY NO SHW
 NO ODOR
 AA
 CHRTY LS CRMMDXLYN HRD
 DENSE NVPRSTY NO SHW NO
 ODOR
 AA
 LS CRMCRMGRY CHERTY GRY
 NVPRSTY NO SHW NO ODOR
 AA
 LS CRMGRY CHLKYTRCCHRT
 NO SHW NO ODOR
 LS CRMLTGRY CHLKY FSL-
 FUSLINDSCRINODS NO SHW
 NO ODOR
 AA LS CRM CHLKY BRTL NO
 SHW NO ODOR
 LS CRM-CRMBLKMCK HARD
 NVPRTY NO SHW
 AA
 LS CRM MDXYLN NVPRSTY
 NO SHW NO ODOR



25 50 100 200 300 400 500

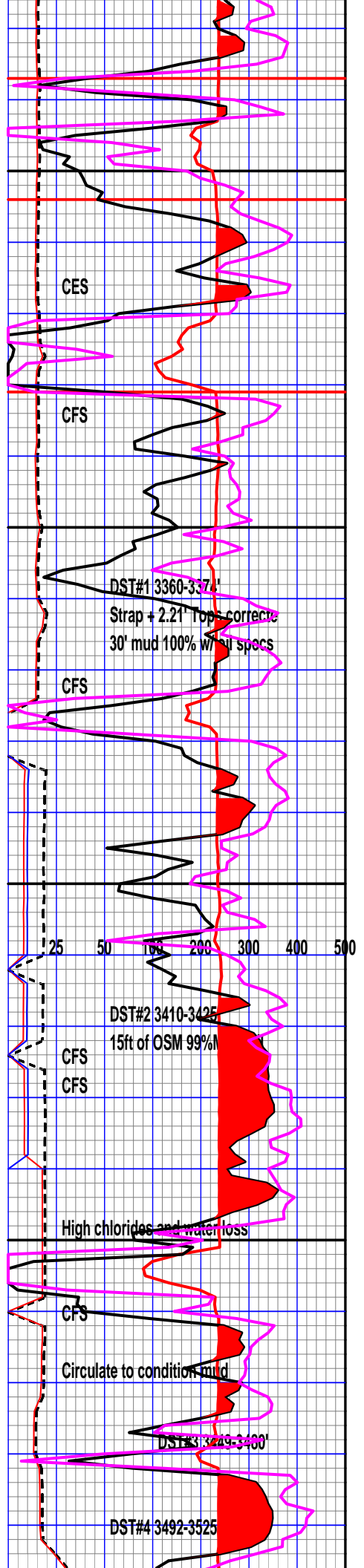


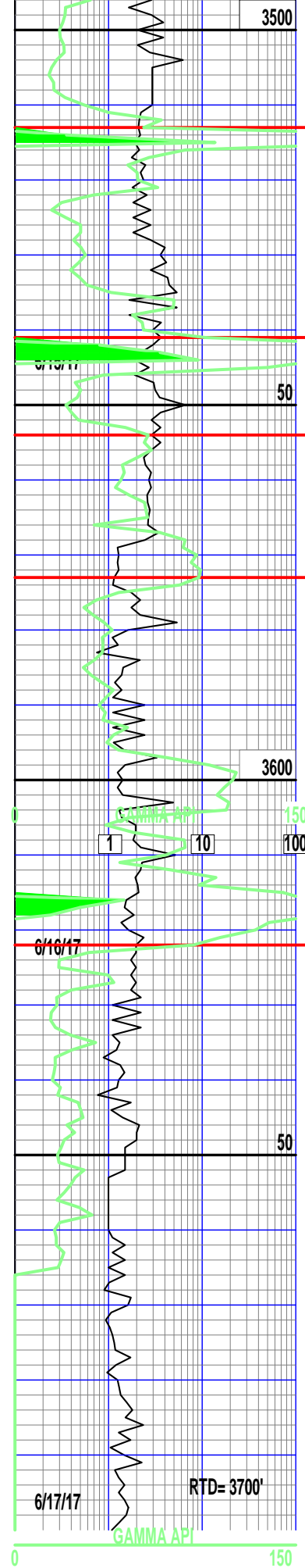
HEEBNER 3287 md (-1219 SS)

Toronto 3304 md (-1236 SS)

LANSING 3331 md (-1263 SS)

AA
 SH BLK CARBO
 LS CRM-CRMLTGRY MDXYLN NVPRSTY NO SHW NO ODOR
 LS CRMXYLN-PYRTIC TRC FSSL NVPRSTY NO SHW NO ODOR
 SH GRY SOFT
 AA LS LITMDFNGRN TRC CHRTS NVPRSTY NO SHW NO ODOR LS GRYWHTMCK CHRTY CRMWHT XYLN CLWHTGRY NO SHW NO ODOR
 LS GRY-RWRKFSL LTWHT NO SHW NO ODOR CHALKY IN PARTS
 AA LS GRYBLULTWHT FSSL TRC CHRTS SMK NVPRSTY NO SHW NO ODOR
 LS CLRCRMCMCROXYLN TRC STAIN NO ODOR NVFO
 AA BECMNG CHALKY MLKY <CHLKY LS CRMCRMWHTGY TRC OOLTC NO SHW FRODR LS CRMYLW MCROXYLN FR-STAIN NVFO FR-GD ODOR
 AA CHERT GRYSMK TRC SHW FR-GD ODOR
 LS CRMLTGRMDXYLN NO SHW NO ODOR
 AA CHALKY
 LS TNCRMXYLN PRVPRSTY NO SHW NO ODOR TRC LT-BRWN SH
 LS CRMLTGRY MDXYLN TRC STAIN FNT-GD ODOR NVFO
 LS CRMVLTGRY VGY FRPP-PRSTY FR GD SHW ON SURF GOOD ODOR FOWHNCRSHD
 SH GRY
 LS CRMLTGRY VGY STN FNT ODOR DISPATES IN SAMPLE NVFO
 LS CRM-CRMWHT CHRTY IN PARTS NO ODOR NO SHW
 LS WHT-CRMXYLN CHRTY NO VSBPRSTY NO SHW NO ODOR CHERT TNCRM OIL FLOATER VFNTODOR SS/SURCOSIC DOL CLRGRN WELLRNDED TRC FLOATRS NO ODOR
 CHRTY LS CRMYLW HARD NO VPRSTY FNT ODOR TRC FL-OATRS CHERT CRM-GRY-SMK
 LS TN VGY FRSHW IN FR-GD PPRSTY FNT ODOR FR FLU
 SH GRY LAMNTD
 CHRTYLS CRM-WHTCRM TRC PPRSTY NO SHW FNT ODOR
 LS LTTN VGY FR-GDPPRSTY





STARK 3513 md (-1445 SS)

Hushpuckney 3541 md (-1473 SS)

Base KC 3554 md (-1486 SS)

Conol 3573 md (-1506 SS)

Arbuckle 3622 md (-1554 SS)

FR-GD SHW ONSURFACE GD
SHW WHN CRSHD W/ MUTI
STAIN NFO GD ODOR

SH BLK CARBO
LS CRMYLW-DULWHT CHRTRS
STAIN PR FLU GD ODOR
AA

LS GRYN NPPRSTY STAIN
W/ NVFO FNT ODOR

LS CRM-DULLWHT VGY TRC
CHRT NO SHW NO ODOR
SH LTGRY GRY

SH BLK LMNTD

LS CRM-WHT W/CHRTYDOL
TRC FSL NO SHW NO ODOR

SH GRY DRKGRY
AA LS CRM-CRMWHT XYLN
NVPSRY NO SHW NO ODOR

AA SH LAYERS GRY BRWN
BLK TRC GRN

LS CRMDULLWHT ALGAL VGY
FR PPRTY GD STRONGODOR
GD SHW ONSURFC FOIL WHN
CRUSHD

CHERT GRYCRM-GLKNTC NV-
PSRTY HRD NO ODOR

SH'S BRWN GRY VDRKGRY
TRC GRN PYRT

AA CHRTYLS CRMYLW LSCRM
CHLKY TRC W/ DEADO TRC
OF STN NVFO

AA LS-CHLKY DULL WHT GD
STN SOME O WHEN CRUSHD

SH'S MULTICOLRD BRWNRED
GRN GRY TRC CHRT GD ODR
FEW PICES DEADO TRCLIVE
OIL

AA LS CRM-CRMTN HVYO W/
DO THRGHOUT STRONG ODOR

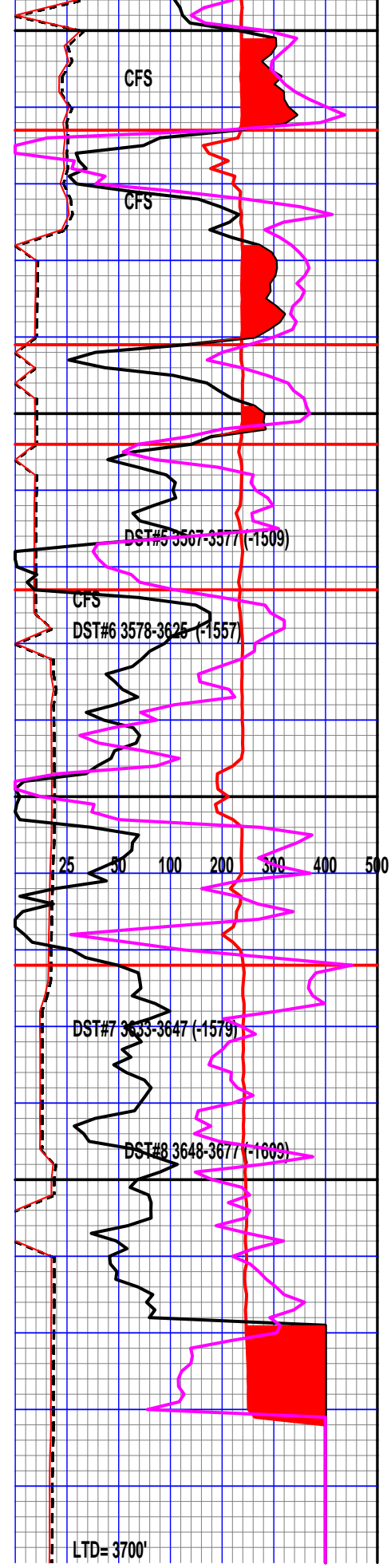
SH'S MULTI COLRD

AA DOL GRYCRMTRC VGY
TRC OOLTIC CHRT LT GRY
DOIL THGHOUT TRC FOIL
WHNCRSH STRNG ODOR TRC
DOLOOLTIC CHRTY INPRTS
AA

DOLCRMCHRTY DOIL STRONG
ODOR NVFO
CHRT GRYCRM DENDRICDOIL
TRC SNDS/SURCRSC STRONG
ODOR NVFO
DOL TNYLW SRCRSIC HVYO
WHN CRSHD LESS ODOR DOI
THGHOUT
AA

DOL TNBRW-TNYLW SRCRSC
GDPPRSTY GD SHW FOIL S
DOIL INCHRTYDOL GD ODOR

DOL TNBRWM SRCRSIC IN-
PRTS SOME PPRSTY HRD
DENSE NO SHW STRONG ODR
SULFIDE H2O
WELL PLUGGED 6/19/2017



DST#5 3507-3577 (-1509)

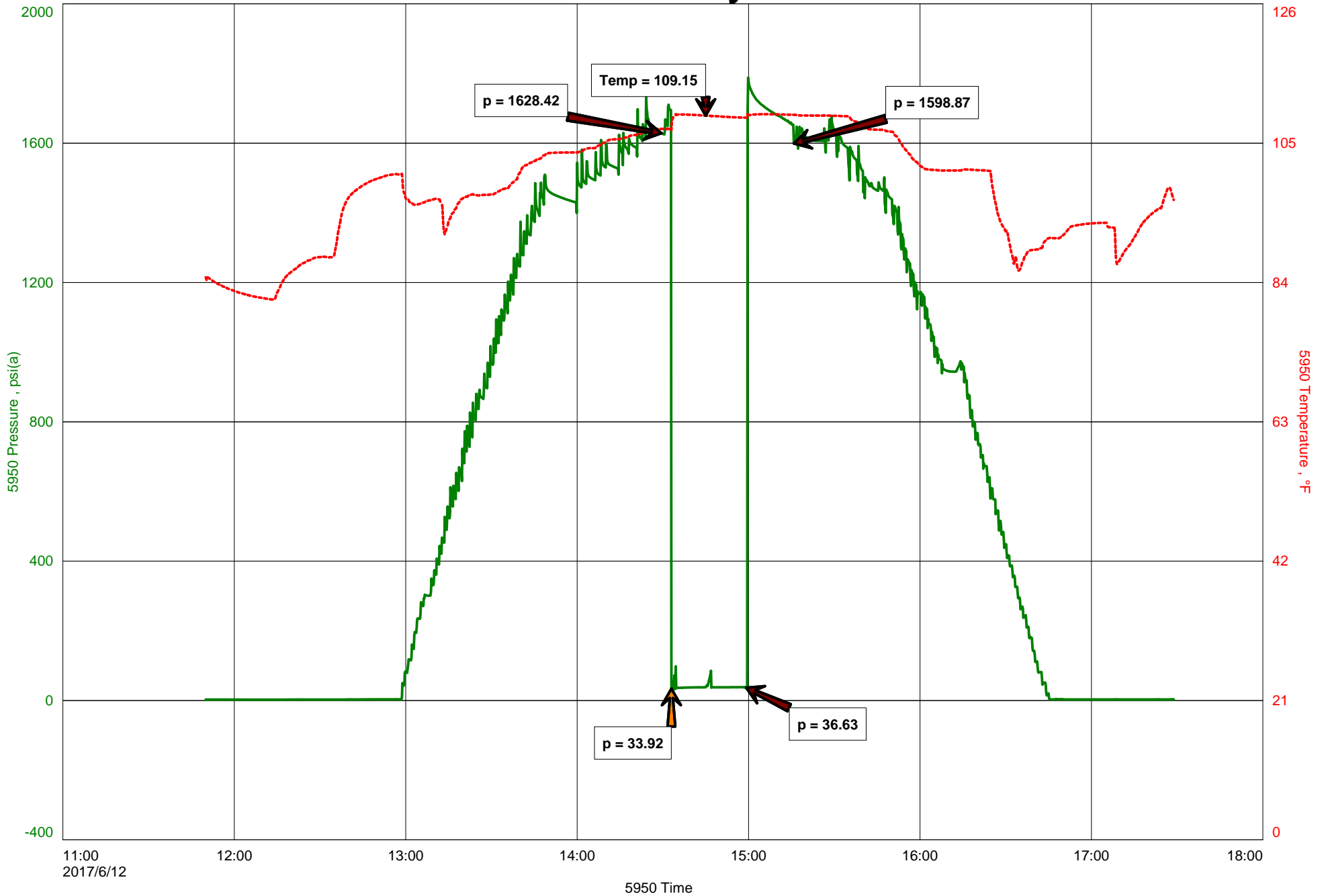
DST#6 3578-3626 (-1557)

DST#7 3633-3647 (-1579)

DST#8 3648-3677 (-1609)

3	DENSITY POR	-05
3	NEUTRON POR	-05
3	CROSSPLOT POR	-05
3		-05

Custer Valley #4





Hoisington, Kansas

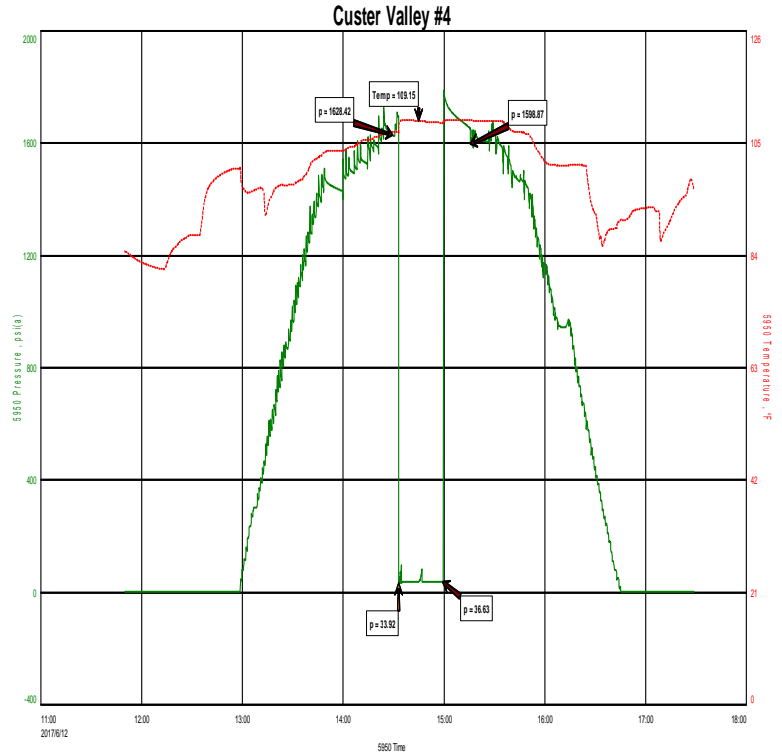
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name Stroke Of Luck Energy & Exploration LLC

Contact	Jim Henkle
Well Name	Custer Valley #4
Unique Well ID	Dst #1 Lans 'C' 3360-3374'
Surface Location	Sec 24-11s-19w Ellis County
Field	Soloman
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	Stroke Of Luck E&E LLC

Formation	Dst #1 Lans 'C' 3360-3374'
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Start Test Date	2017/06/12
Start Test Time	11:50:00
Final Test Time	17:28:00
Job Number	P0185
Report Date	2017/06/12
Prepared By	Michael Carroll



TEST RECOVERY

Remarks	Recovery:	30'	Mud	100%M
	Total Fluid:	30'		
	Tool Sample:	100%M	With Oil Specks	



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

TIME ON: 1150
TIME OFF: 1728

DRILL-STEM TEST TICKET
FILE: CUSTERVALLEY#4DST#1

Company STROKE OF LUCK ENERGY&EXPLORATION LLC Lease & Well No. CUSTER VALLEY #4
Contractor LANDMARK RIG 4 Charge to STROKE OF LUCK ENERGY&EXPLORATION LLC
Elevation 2068KB Formation LANS C Effective Pay _____ Ft. Ticket No. P0185
Date 06-12-17 Sec. 24 Twp. _____ 11 S Range _____ 19 W County ELLIS State KANSAS
Test Approved By KEVIN BAILEY Diamond Representative Michael Carroll

Formation Test No. 1 Interval Tested from 3360 ft. to 3374 ft. Total Depth 3374 ft.
Packer Depth 3354 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3360 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3344 ft. Recorder Number 5950 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3364 ft. Recorder Number 5588 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 42 Drill Collar Length 87 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 14000 P.P.M. Drill Pipe Length 3239 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 11 Test Tool Length 34 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 14 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1" BLOW (TOOL SLID 8' TO BOTTOM-BLED OFF 1" BLOW) WSB-DIED IN 20 MINS NOBB
2nd Open:

Recovered 30 ft. of MUD 100%M
Recovered 30 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: TOOL SAMPLE: 100%M WITH OIL SPECKS

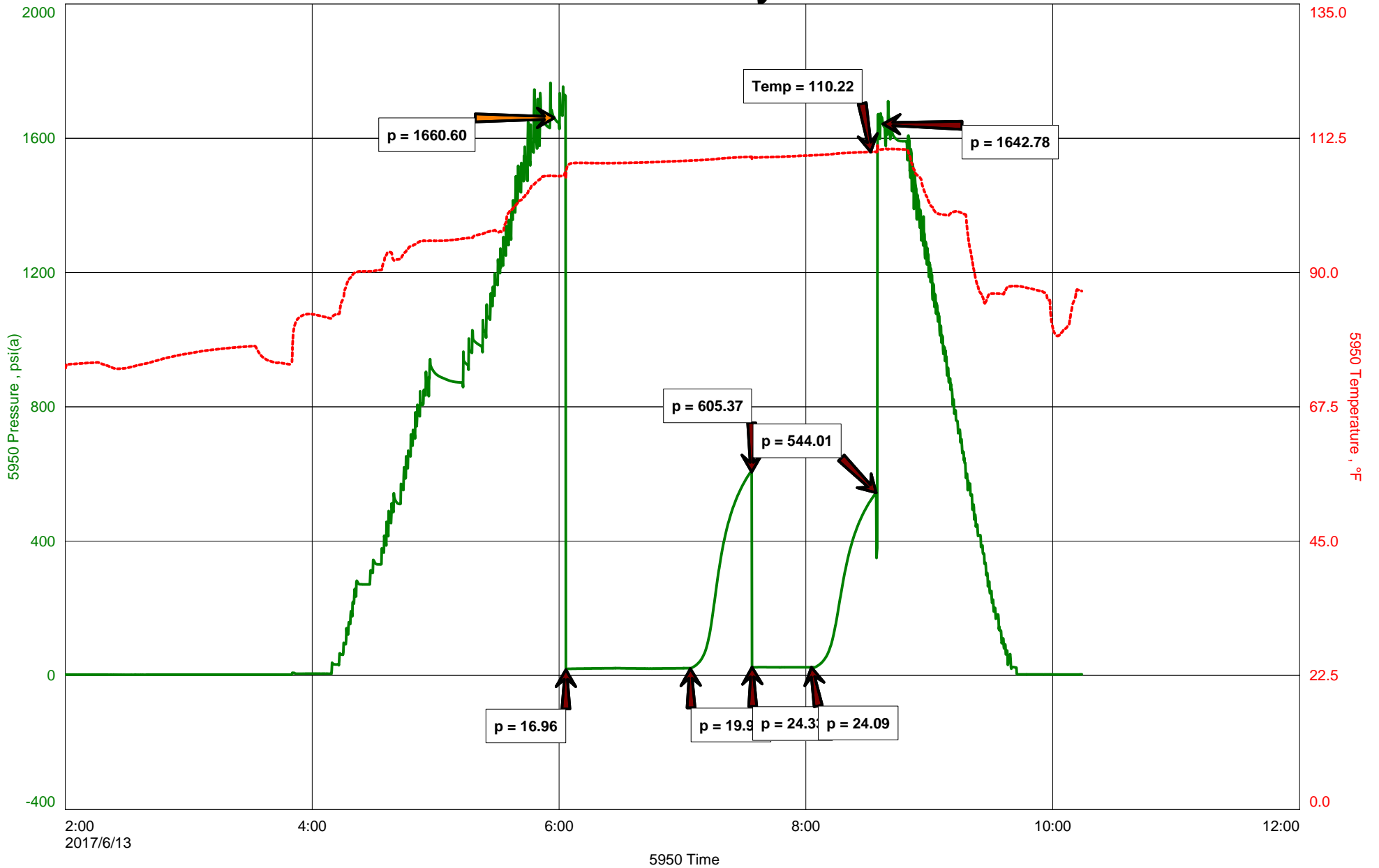
Time Set Packer(s) 2:30 P.M. A.M. P.M. Time Started Off Bottom 3:15 P.M. A.M. P.M. Maximum Temperature 109

Initial Hydrostatic Pressure..... (A) 1628 P.S.I.
Initial Flow Period..... Minutes 30 (B) 34 P.S.I. to (C) 37 P.S.I.
Initial Closed In Period..... Minutes 15 (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) 1599 P.S.I.

Price Job
Other Charges
Insurance
Total

Diamond Testing 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, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Custer Valley #4





Hoisington, Kansas

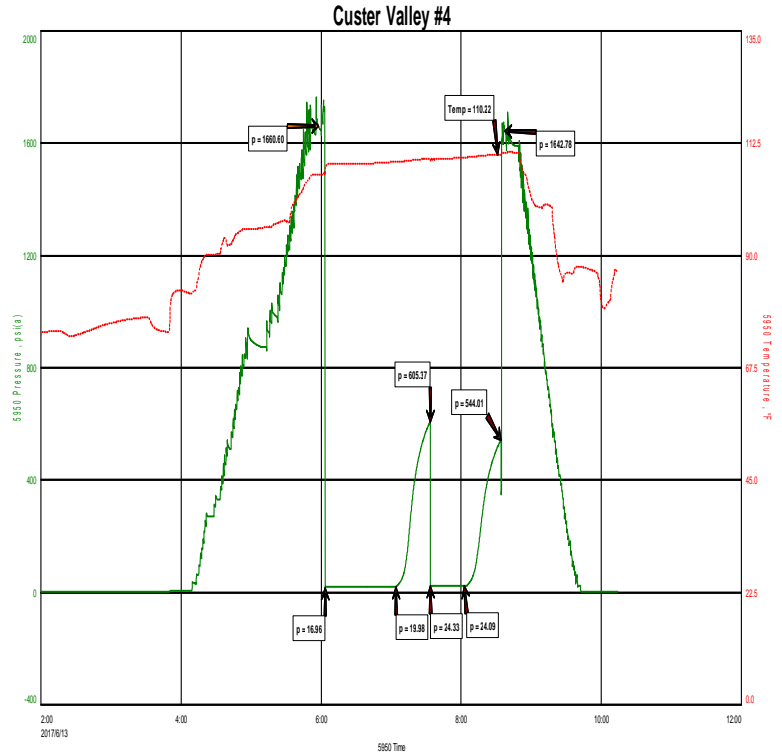
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name Stroke Of Luck Energy & Exploration LLC

Contact Jim Henkle
Well Name Custer Valley #4
Unique Well ID Dst #2 Lans 'E' 3410-3425'
Surface Location Sec 24-11s-19w Ellis County
Field Soloman
Well Type Vertical
Test Type Drill Stem Test
Well Operator Stroke Of Luck E&E LLC

Formation Dst #2 Lans 'E' 3410-3425'
Well Fluid Type 01 Oil
Test Purpose Initial Test
Start Test Date 2017/06/13
Start Test Time 02:00:00
Final Test Time 10:15:00
Job Number P0186
Report Date 2017/06/13
Prepared By Michael Carroll



TEST RECOVERY

Remarks Recovery: 15' OSM 100%M >1%Oil
 Total Fluid: 15'
 Tool Sample: 2%O 98%M



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 0200
 TIME OFF: 1015

DRILL-STEM TEST TICKET
 FILE: CUSTERVALLEY#4DST#2

Company STROKE OF LUCK ENERGY&EXPLORATION LLC Lease & Well No. CUSTER VALLEY #4
 Contractor LANDMARK RIG 4 Charge to STROKE OF LUCK ENERGY&EXPLORATION LLC
 Elevation 2068KB Formation LANS E Effective Pay _____ Ft. Ticket No. P0186
 Date 06-13-17 Sec. 24 Twp. _____ 11 S Range _____ 19 W County ELLIS State KANSAS
 Test Approved By KEVIN BAILEY Diamond Representative Michael Carroll

Formation Test No. 2 Interval Tested from 3410 ft. to 3425 ft. Total Depth 3425 ft.
 Packer Depth 3404 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3410 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3394 ft. Recorder Number 5950 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3415 ft. Recorder Number 5588 Cap. 6000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 45 Drill Collar Length 87 ft. I.D. 2 1/4 in.
 Weight 8.9 Water Loss 10.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 13000 P.P.M. Drill Pipe Length 3289 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 11 Test Tool Length 34 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 15 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB-BUILT TO 1/2"- THEN DECREASED TO WSB IN 60 MINUTES NOBB
 2nd Open: NO BLOW-BUILT TO WSB IN 30 MINUTES NOBB

Recovered <u>15</u> ft. of <u>OSM 100%M >1%OIL</u>	
Recovered <u>15</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOOL SAMPLE: 2%O 98%M</u>	Insurance
	Total

Time Set Packer(s) 6:00 A.M. A.M. P.M. Time Started Off Bottom 8:30A.M. A.M. P.M. Maximum Temperature 110

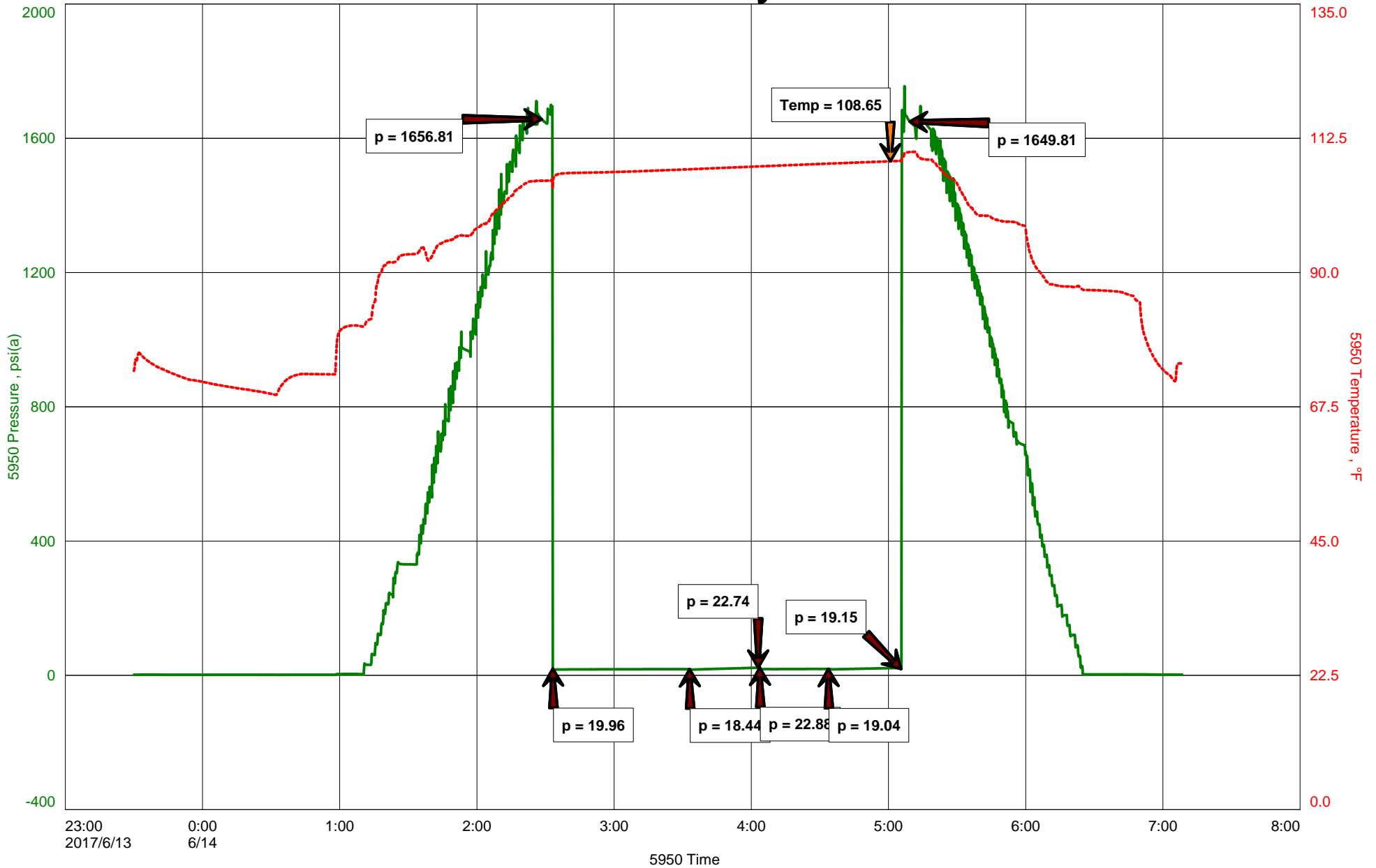
Initial Hydrostatic Pressure..... (A) 1661 P.S.I.
 Initial Flow Period..... Minutes 60 (B) 17 P.S.I. to (C) 20 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 605 P.S.I.
 Final Flow Period..... Minutes 30 (E) 24 P.S.I. to (F) 24 P.S.I.
 Final Closed In Period..... Minutes 30 (G) 544 P.S.I.
 Final Hydrostatic Pressure..... (H) 1643 P.S.I.

Diamond Testing 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, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Stroke Of Luck Energy & Exploration LLC
Dst #3 Lans/KC H&I 3449-3480'
Start Test Date: 2017/06/13
Final Test Date: 2017/06/14

Custer Valley #4
Formation: Dst #3 Lans/KC H&I 3449-3480'
Pool: Wildcat
Job Number: P0187

Custer Valley #4





Hoisington, Kansas

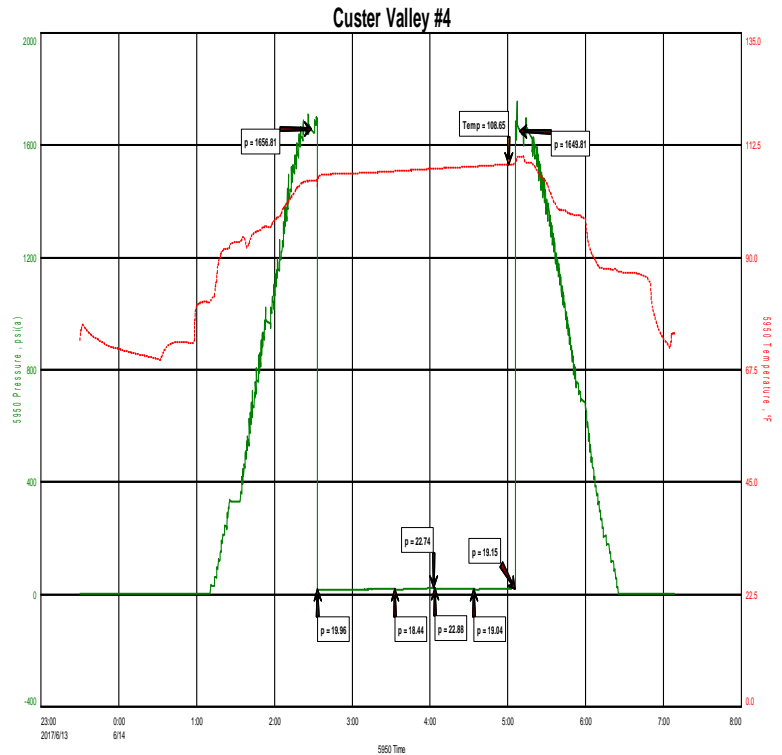
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name Stroke Of Luck Energy & Exploration LLC

Contact	Jim Henkle
Well Name	Custer Valley #4
Unique Well ID	Dst #3 Lans/KC H&I 3449-3480'
Surface Location	Sec 24-11s-19w Ellis County
Field	Soloman
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	Stroke Of Luck E&E LLC

Formation	Dst #3 Lans/KC H&I 3449-3480'
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Start Test Date	2017/06/13
Start Test Time	23:30:00
Final Test Time	07:07:00
Job Number	P0187
Report Date	2017/06/14
Prepared By	Michael Carroll



TEST RECOVERY

Remarks	Recovery:	5'	Mud	100%M	With A Scum Of Oil
	Total Fluid:	5'			
	Tool Sample:	2%O	98%M		



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

TIME ON: 2330 6-13
TIME OFF: 0707 6-14

DRILL-STEM TEST TICKET
FILE: CUSTERVALLEY#4DST#3

Company STROKE OF LUCK ENERGY&EXPLORATION LLC Lease & Well No. CUSTER VALLEY #4
Contractor LANDMARK RIG 4 Charge to STROKE OF LUCK ENERGY&EXPLORATION LLC
Elevation 2068KB Formation LANS/KC H&I Effective Pay _____ Ft. Ticket No. P0187
Date 06-13-17 Sec. 24 Twp. _____ 11 S Range _____ 19 W County ELLIS State KANSAS
Test Approved By KEVIN BAILEY Diamond Representative Michael Carroll

Formation Test No. 3 Interval Tested from 3449 ft. to 3480 ft. Total Depth 3480 ft.
Packer Depth 3443 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3449 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3433 ft. Recorder Number 5950 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3453 ft. Recorder Number 5588 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 45 Drill Collar Length 87 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 13.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 14000 P.P.M. Drill Pipe Length 3328 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 11 Test Tool Length 34 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 31 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB-BUILT TO 1/4" THEN DECREASED AND DIED IN 45 MINUTES NOBB
2nd Open: NO BLOW-NO BUILD NOBB

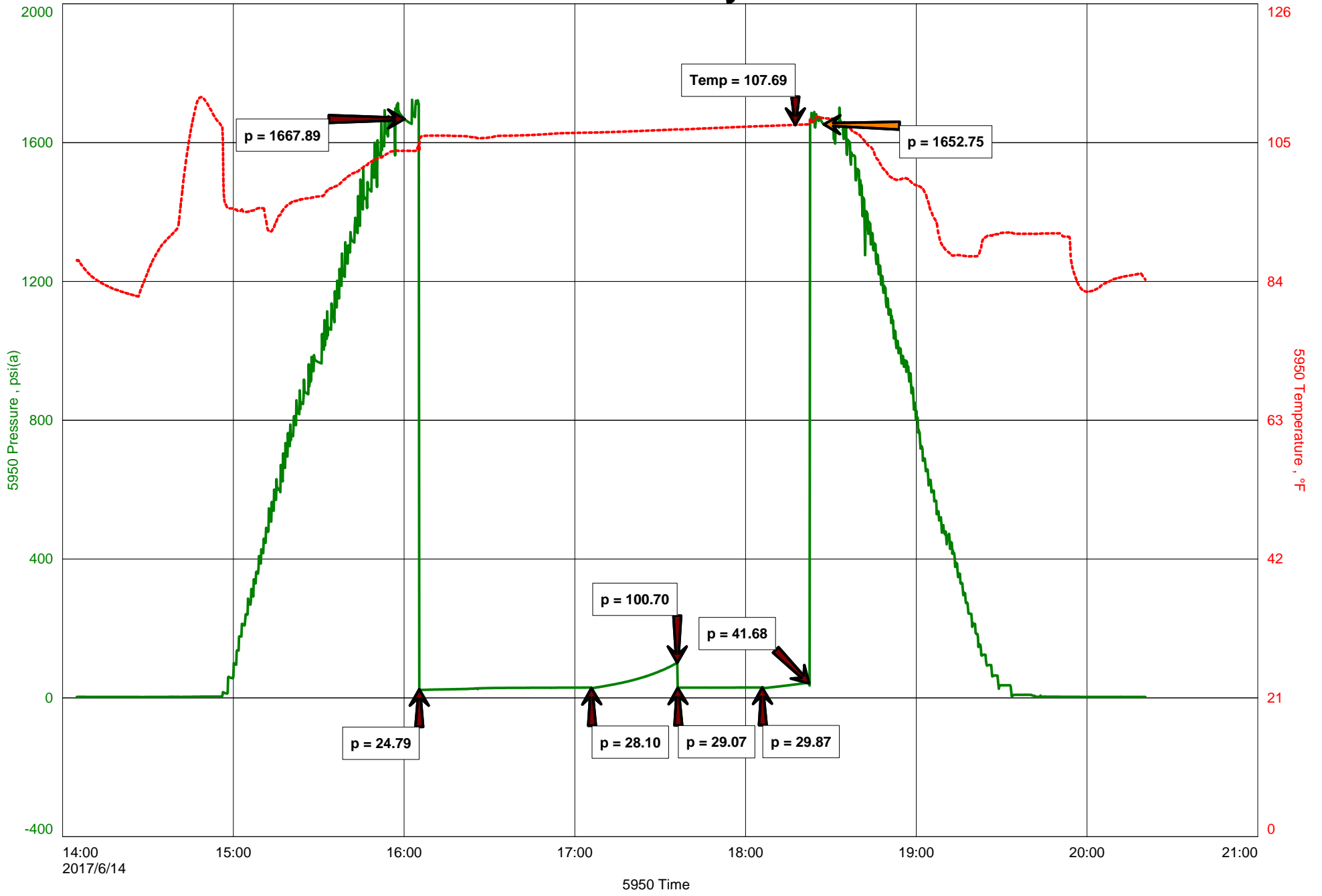
Recovered <u>5</u> ft. of <u>MUD 100%M WITH A SCUM OF OIL</u>	
Recovered <u>5</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOOL SAMPLE: 2%O 98%M</u>	Insurance
	Total

Time Set Packer(s) 2:30A.M. A.M. P.M. Time Started Off Bottom 5:00A.M. A.M. P.M. Maximum Temperature 109

Initial Hydrostatic Pressure..... (A) 1657 P.S.I.
Initial Flow Period..... Minutes 60 (B) 20 P.S.I. to (C) 18 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 23 P.S.I.
Final Flow Period..... Minutes 30 (E) 23 P.S.I. to (F) 19 P.S.I.
Final Closed In Period..... Minutes 30 (G) 19 P.S.I.
Final Hydrostatic Pressure..... (H) 1650 P.S.I.

Diamond Testing 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, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Custer Valley #4





Hoisington, Kansas

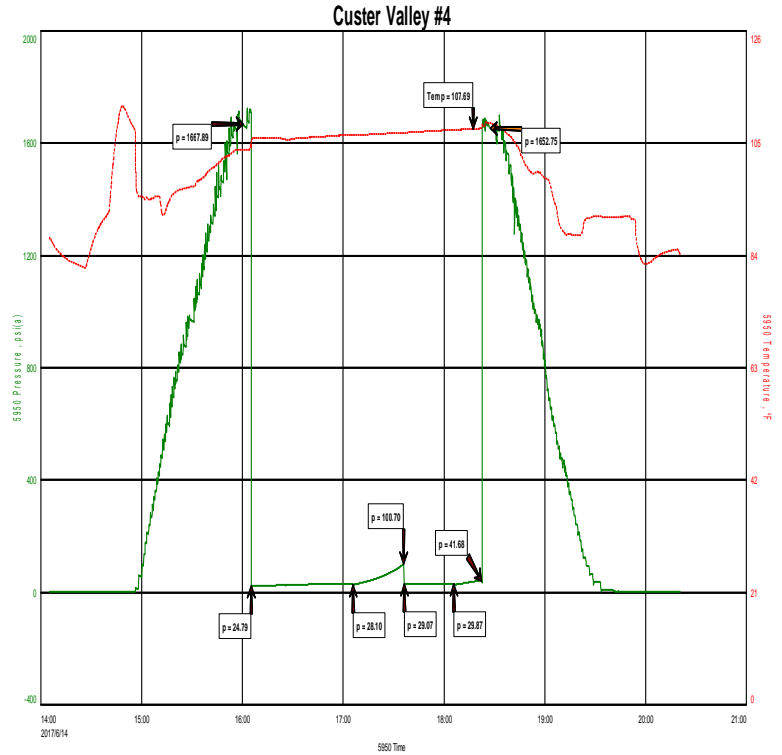
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name Stroke Of Luck Energy & Exploration LLC

Contact Jim Henkle
Well Name Custer Valley #4
Unique Well ID Dst #4 Lans/KC J&K 3492-3525'
Surface Location Sec 24-11s-19w Ellis County
Field Soloman
Well Type Vertical
Test Type Drill Stem Test
Well Operator Stroke Of Luck E&E LLC

Formation Dst #4 Lans/KC J&K 3492-3525'
Well Fluid Type 01 Oil
Test Purpose Initial Test
Start Test Date 2017/06/14
Start Test Time 14:05:00
Final Test Time 20:20:00
Job Number P0188
Report Date 2017/06/14
Prepared By Michael Carroll



TEST RECOVERY

Remarks Recovery: 45' SLOCM 2%O 98%M
 Total Fluid: 45'
 Tool Sample: 4%O 96%M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

TIME ON: 1405
TIME OFF: 2020

DRILL-STEM TEST TICKET
FILE: CUSTERVALLEY#4DST#4

Company STROKE OF LUCK ENERGY&EXPLORATION LLC Lease & Well No. CUSTER VALLEY #4
Contractor LANDMARK RIG 4 Charge to STROKE OF LUCK ENERGY&EXPLORATION LLC
Elevation 2068KB Formation LANS/KC J&K Effective Pay _____ Ft. Ticket No. P0188
Date 06-14-17 Sec. 24 Twp. 11 S Range 19 W County ELLIS State KANSAS
Test Approved By KEVIN BAILEY Diamond Representative Michael Carroll

Formation Test No. 4 Interval Tested from 3492 ft. to 3525 ft. Total Depth 3525 ft.
Packer Depth 3486 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3492 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3476 ft. Recorder Number 5950 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3496 ft. Recorder Number 5588 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 43 Drill Collar Length 87 ft. I.D. 2 1/4 in.
Weight 8.9 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 12000 P.P.M. Drill Pipe Length 3371 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 11 Test Tool Length 34 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 33 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1/4" BLOW-BUILT TO 1" THEN DECREASED TO 1/2" IN 60 MINUTES NOBB
2nd Open: NO BLOW-NO BUILD NOBB

Recovered 45 ft. of SLOCM 2%O 98%M
Recovered 45 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOOL SAMPLE: 4%O 96%M</u>	Insurance
	Total

Time Set Packer(s) 4:02 P.M. A.M. P.M. Time Started Off Bottom 6:17 P.M. A.M. P.M. Maximum Temperature 108

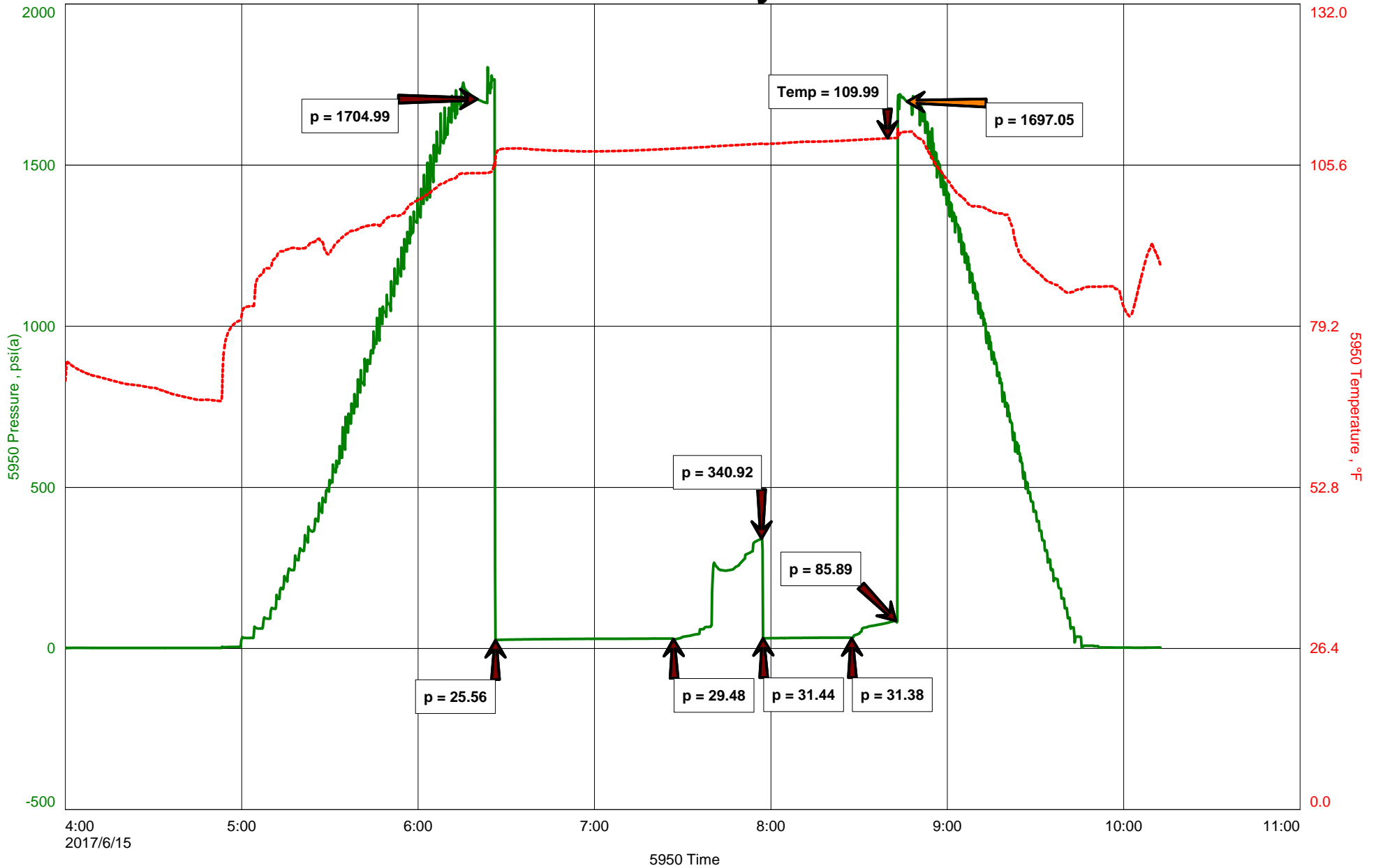
Initial Hydrostatic Pressure..... (A) 1668 P.S.I.
Initial Flow Period..... Minutes 60 (B) 25 P.S.I. to (C) 28 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 101 P.S.I.
Final Flow Period..... Minutes 30 (E) 29 P.S.I. to (F) 30 P.S.I.
Final Closed In Period..... Minutes 15 (G) 42 P.S.I.
Final Hydrostatic Pressure..... (H) 1653 P.S.I.

Diamond Testing 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, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Stroke Of Luck Energy & Exploration LLC
Dst #5 Conglomerate 3567-3577'
Start Test Date: 2017/06/15
Final Test Date: 2017/06/15

Custer Valley #4
Formation: Dst #5 Conglomerate 3567-3577'
Pool: Wildcat
Job Number: P0189

Custer Valley #4





Hoisington, Kansas

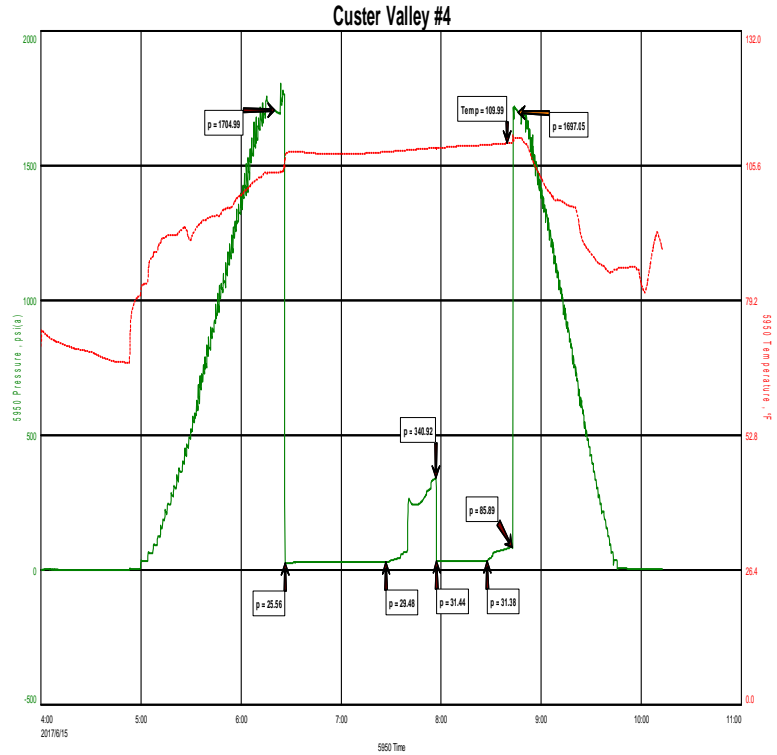
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name Stroke Of Luck Energy & Exploration LLC

Contact	Jim Henkle
Well Name	Custer Valley #4
Unique Well ID	Dst #5 Conglomerate 3567-3577'
Surface Location	Sec 24-11s-19w Ellis County
Field	Soloman
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	Stroke Of Luck E&E LLC

Formation	Dst #5 Conglomerate 3567-3577'
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Start Test Date	2017/06/15
Start Test Time	04:00:00
Final Test Time	10:15:00
Job Number	P0189
Report Date	2017/06/15
Prepared By	Michael Carroll



TEST RECOVERY

Remarks	Recovery:	25'	Mud	100%M
	Total Fluid:	25'		
	Tool Sample:	100%M	With A Trace Of Oil	



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 0400
 TIME OFF: 1015

DRILL-STEM TEST TICKET
 FILE: CUSTERVALLEY#4DST#5

Company STROKE OF LUCK ENERGY&EXPLORATION LLC Lease & Well No. CUSTER VALLEY #4
 Contractor LANDMARK RIG 4 Charge to STROKE OF LUCK ENERGY&EXPLORATION LLC
 Elevation 2068KB Formation CONGLOMERATE Effective Pay _____ Ft. Ticket No. P0189
 Date 06-15-17 Sec. 24 Twp. _____ 11 S Range _____ 19 W County ELLIS State KANSAS
 Test Approved By KEVIN BAILEY Diamond Representative Michael Carroll

Formation Test No. 5 Interval Tested from 3567 ft. to 3577 ft. Total Depth 3577 ft.
 Packer Depth 3561 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3567 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3551 ft. Recorder Number 5950 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3568 ft. Recorder Number 5588 Cap. 6000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 43 Drill Collar Length 87 ft. I.D. 2 1/4 in.
 Weight 8.9 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 12000 P.P.M. Drill Pipe Length 3446 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 11 Test Tool Length 34 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 10 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1/4"BLOW-BUILT TO 1" THEN DECREASED TO WSB IN 60 MINUTES NOBB
 2nd Open: NO BLOW-NO BUILD NOBB

Recovered 25 ft. of MUD 100%M
 Recovered 25 ft. of TOTAL FLUID
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOOL SAMPLE: 100%M WITH A TRACE OF OIL</u>	Insurance
	Total

Time Set Packer(s) 6:25A.M. A.M. P.M. Time Started Off Bottom 8:40A.M. A.M. P.M. Maximum Temperature 110

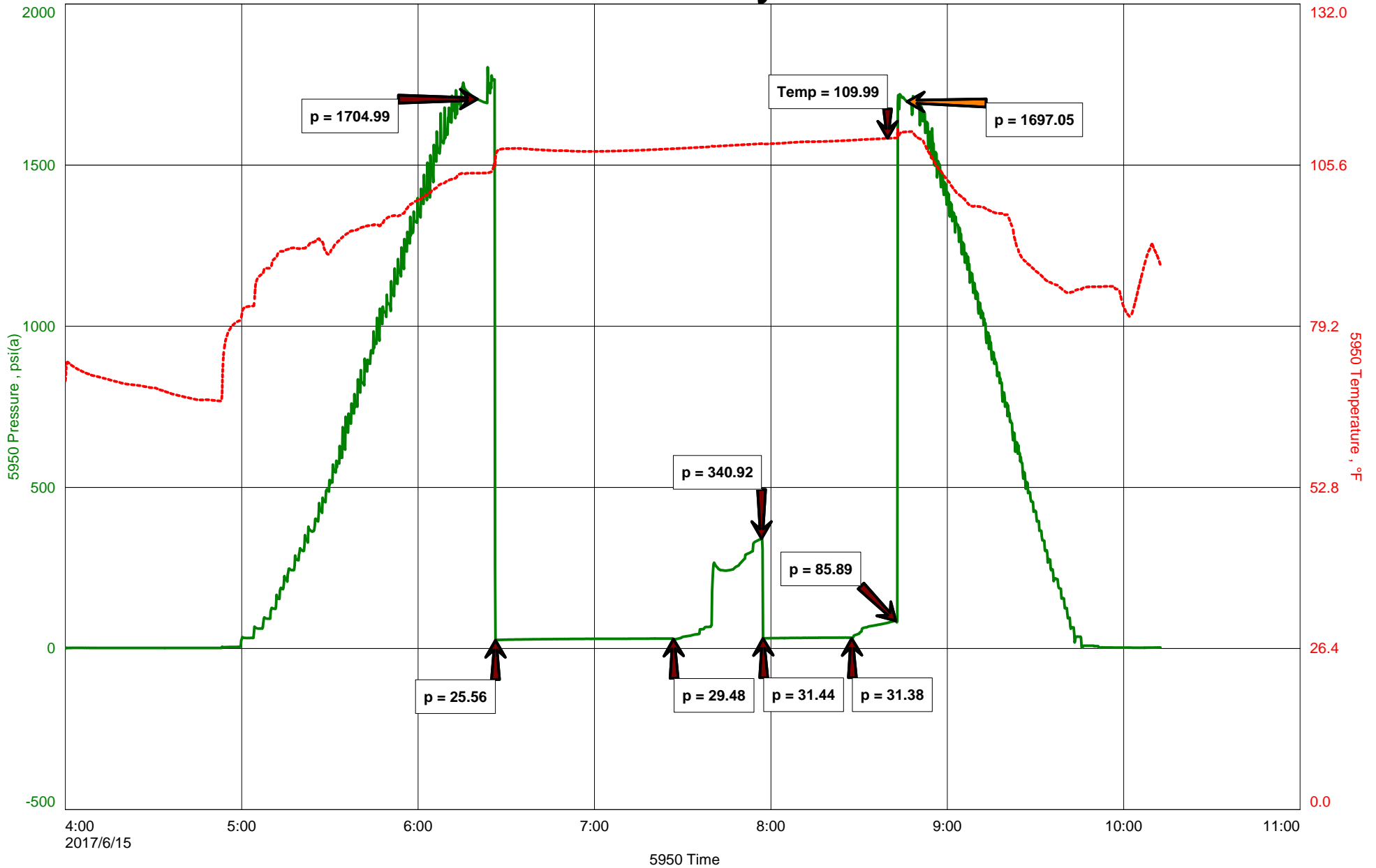
Initial Hydrostatic Pressure..... (A) 1705 P.S.I.
 Initial Flow Period..... Minutes 60 (B) 26 P.S.I. to (C) 29 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 341 P.S.I.
 Final Flow Period..... Minutes 30 (E) 31 P.S.I. to (F) 31 P.S.I.
 Final Closed In Period..... Minutes 15 (G) 86 P.S.I.
 Final Hydrostatic Pressure..... (H) 1697 P.S.I.

Diamond Testing 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, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Stroke Of Luck Energy & Exploration LLC
Dst #5 Conglomerate 3567-3577'
Start Test Date: 2017/06/15
Final Test Date: 2017/06/15

Custer Valley #4
Formation: Dst #5 Conglomerate 3567-3577'
Pool: Wildcat
Job Number: P0189

Custer Valley #4





Hoisington, Kansas

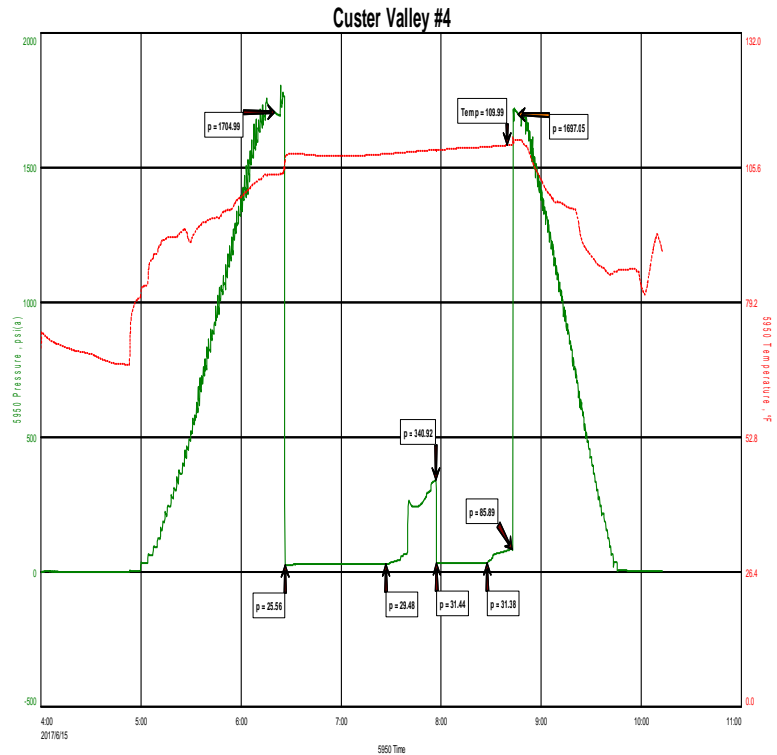
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name Stroke Of Luck Energy & Exploration LLC

Contact Jim Henkle
Well Name Custer Valley #4
Unique Well ID Dst #5 Conglomerate 3567-3577'
Surface Location Sec 24-11s-19w Ellis County
Field Soloman
Well Type Vertical
Test Type Drill Stem Test
Well Operator Stroke Of Luck E&E LLC

Formation Dst #5 Conglomerate 3567-3577'
Well Fluid Type 01 Oil
Test Purpose Initial Test
Start Test Date 2017/06/15
Start Test Time 04:00:00
Final Test Time 10:15:00
Job Number P0189
Report Date 2017/06/15
Prepared By Michael Carroll



TEST RECOVERY

Remarks Recovery: 25' Mud 100%M
 Total Fluid: 25'
 Tool Sample: 100%M With A Trace Of Oil



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 0400
 TIME OFF: 1015

DRILL-STEM TEST TICKET
 FILE: CUSTERVALLEY#4DST#5

Company STROKE OF LUCK ENERGY&EXPLORATION LLC Lease & Well No. CUSTER VALLEY #4
 Contractor LANDMARK RIG 4 Charge to STROKE OF LUCK ENERGY&EXPLORATION LLC
 Elevation 2068KB Formation CONGLOMERATE Effective Pay _____ Ft. Ticket No. P0189
 Date 06-15-17 Sec. 24 Twp. _____ 11 S Range _____ 19 W County ELLIS State KANSAS
 Test Approved By KEVIN BAILEY Diamond Representative Michael Carroll

Formation Test No. 5 Interval Tested from 3567 ft. to 3577 ft. Total Depth 3577 ft.
 Packer Depth 3561 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3567 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3551 ft. Recorder Number 5950 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3568 ft. Recorder Number 5588 Cap. 6000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 43 Drill Collar Length 87 ft. I.D. 2 1/4 in.
 Weight 8.9 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 12000 P.P.M. Drill Pipe Length 3446 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 11 Test Tool Length 34 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 10 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1/4"BLOW-BUILT TO 1" THEN DECREASED TO WSB IN 60 MINUTES NOBB
 2nd Open: NO BLOW-NO BUILD NOBB

Recovered 25 ft. of MUD 100%M
 Recovered 25 ft. of TOTAL FLUID
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

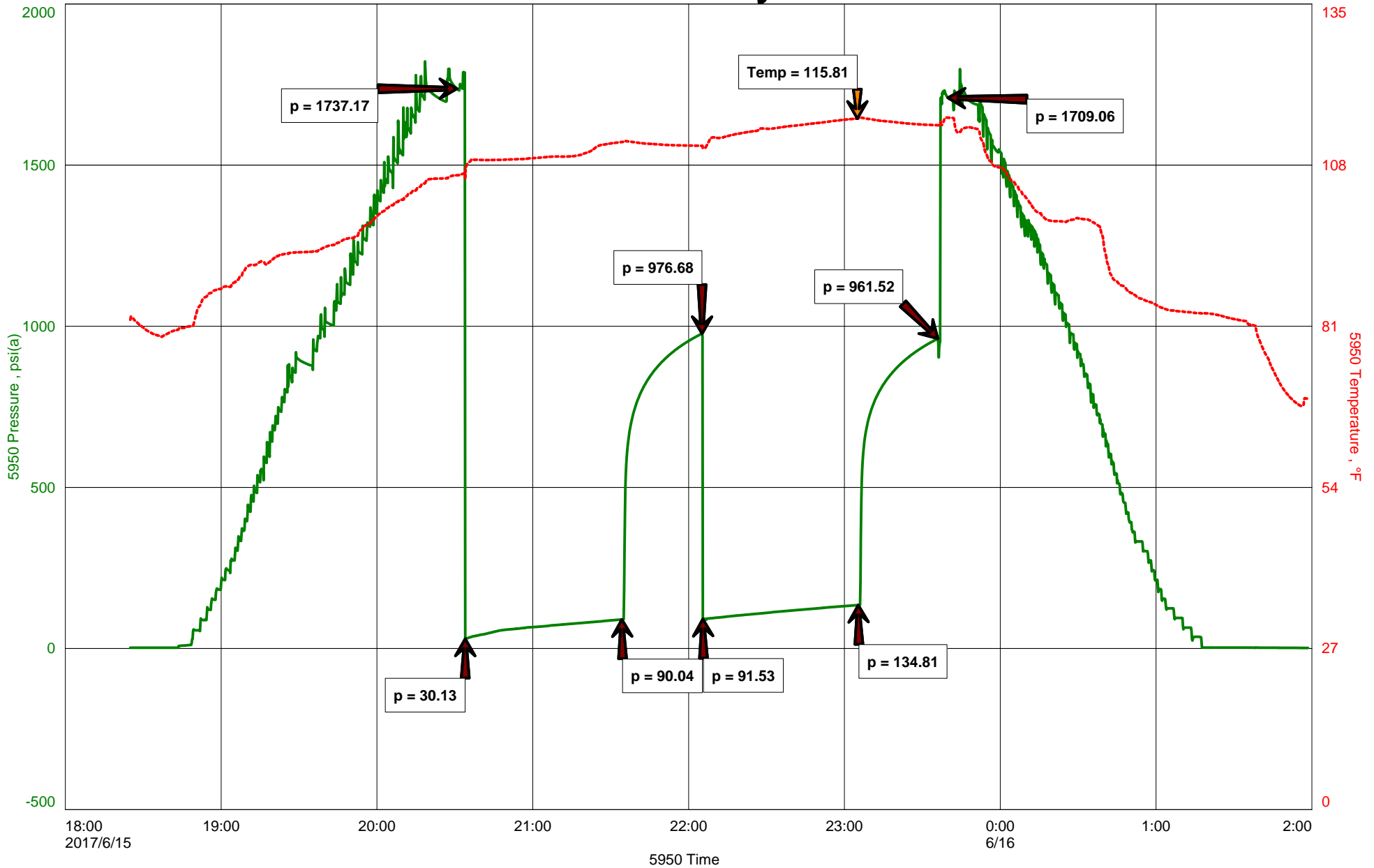
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOOL SAMPLE: 100%M WITH A TRACE OF OIL</u>	Insurance
	Total

Time Set Packer(s) 6:25A.M. A.M. P.M. Time Started Off Bottom 8:40A.M. A.M. P.M. Maximum Temperature 110

Initial Hydrostatic Pressure..... (A) 1705 P.S.I.
 Initial Flow Period..... Minutes 60 (B) 26 P.S.I. to (C) 29 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 341 P.S.I.
 Final Flow Period..... Minutes 30 (E) 31 P.S.I. to (F) 31 P.S.I.
 Final Closed In Period..... Minutes 15 (G) 86 P.S.I.
 Final Hydrostatic Pressure..... (H) 1697 P.S.I.

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Custer Valley #4





Hoisington, Kansas

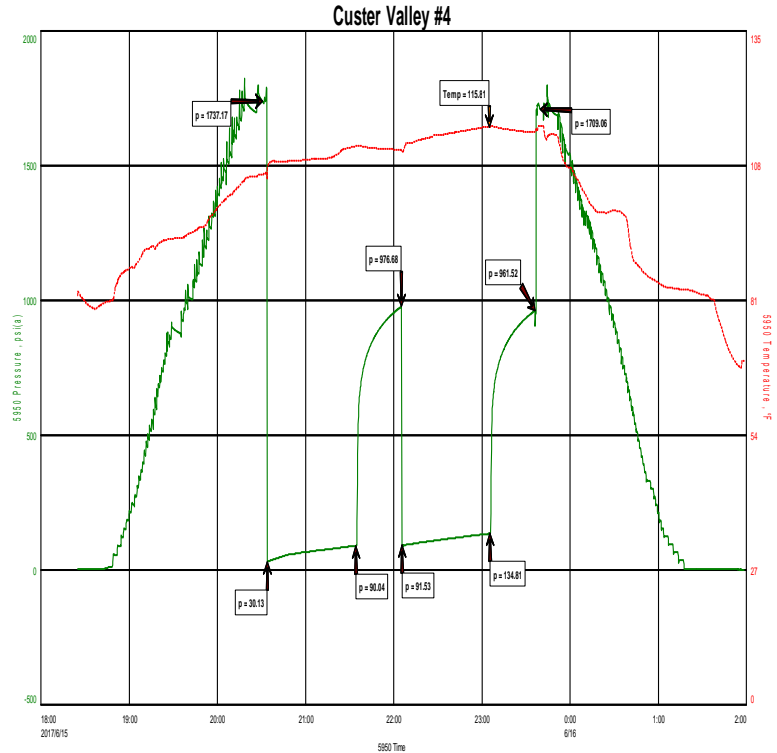
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name Stroke Of Luck Energy & Exploration LLC

Contact	Jim Henkle
Well Name	Custer Valley #4
Unique Well ID	Dst #6 Conglomerate 3578-3625'
Surface Location	Sec 24-11s-19w Ellis County
Field	Soloman
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	Stroke Of Luck E&E LLC

Formation	Dst #6 Conglomerate 3578-3625'
Well Fluid Type	06 Water
Test Purpose	Initial Test
Start Test Date	2017/06/15
Start Test Time	18:25:00
Final Test Time	01:55:00
Job Number	P0190
Report Date	2017/06/15
Prepared By	Michael Carroll



TEST RECOVERY

Remarks Recovery: 252' MCW 77%W 23%M

Total Fluid: 252'

Tool Sample: 98%W 2%M

Chlorides 25000 PPM
 Rw .28 @ 70 Degrees
 Ph 7



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 1825 6-15
 TIME OFF: 0155 6-16

DRILL-STEM TEST TICKET
 FILE: CUSTERVALLEY#4DST#6

Company STROKE OF LUCK ENERGY&EXPLORATION LLC Lease & Well No. CUSTER VALLEY #4
 Contractor LANDMARK RIG 4 Charge to STROKE OF LUCK ENERGY&EXPLORATION LLC
 Elevation 2068KB Formation CONGLOMERATE Effective Pay _____ Ft. Ticket No. P0190
 Date 06-15-17 Sec. 24 Twp. _____ 11 S Range _____ 19 W County ELLIS State KANSAS
 Test Approved By KEVIN BAILEY Diamond Representative Michael Carroll

Formation Test No. 6 Interval Tested from 3578 ft. to 3625 ft. Total Depth 3625 ft.
 Packer Depth 3572 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3578 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 3562 ft. Recorder Number 5950 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3615 ft. Recorder Number 5588 Cap. 6000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 42 Drill Collar Length 87 ft. I.D. 2 1/4 in.
 Weight 8.9 Water Loss 10.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 11000 P.P.M. Drill Pipe Length 3457 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 11 Test Tool Length 34 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 47(15.5A) ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1"BLOW-BUILT TO 10 1/2" IN 60 MINUTES NOBB
 2nd Open: NO BLOW-BUILT TO 9" IN 60 MINUTES NOBB

Recovered 252 ft. of MCW 77%W 23%M CHLORIDES 25000 PPM
 Recovered 252 ft. of TOTAL FLUID RW .28 @ 70 DEGREES
 Recovered _____ ft. of _____ PH 7
 Recovered _____ ft. of _____

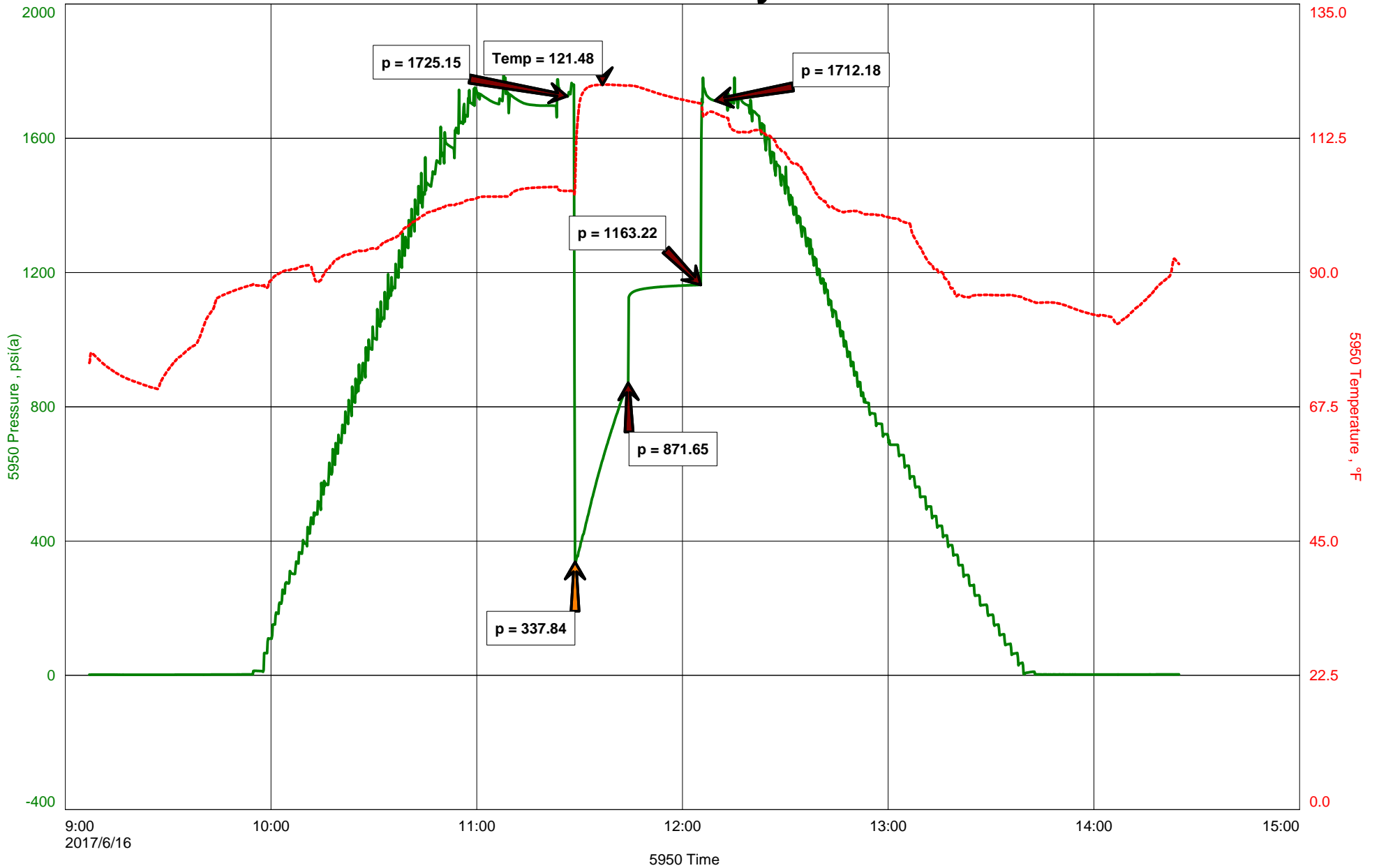
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOOL SAMPLE: 98%W 2%M</u>	Insurance
	Total

Time Set Packer(s) 8:30 P.M. A.M. P.M. Time Started Off Bottom 11:30 P.M. A.M. P.M. Maximum Temperature 116

Initial Hydrostatic Pressure..... (A) 1737 P.S.I.
 Initial Flow Period..... Minutes 60 (B) 30 P.S.I. to (C) 90 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 977 P.S.I.
 Final Flow Period..... Minutes 60 (E) 92 P.S.I. to (F) 135 P.S.I.
 Final Closed In Period..... Minutes 30 (G) 962 P.S.I.
 Final Hydrostatic Pressure..... (H) 1709 P.S.I.

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Custer Valley #4





Hoisington, Kansas

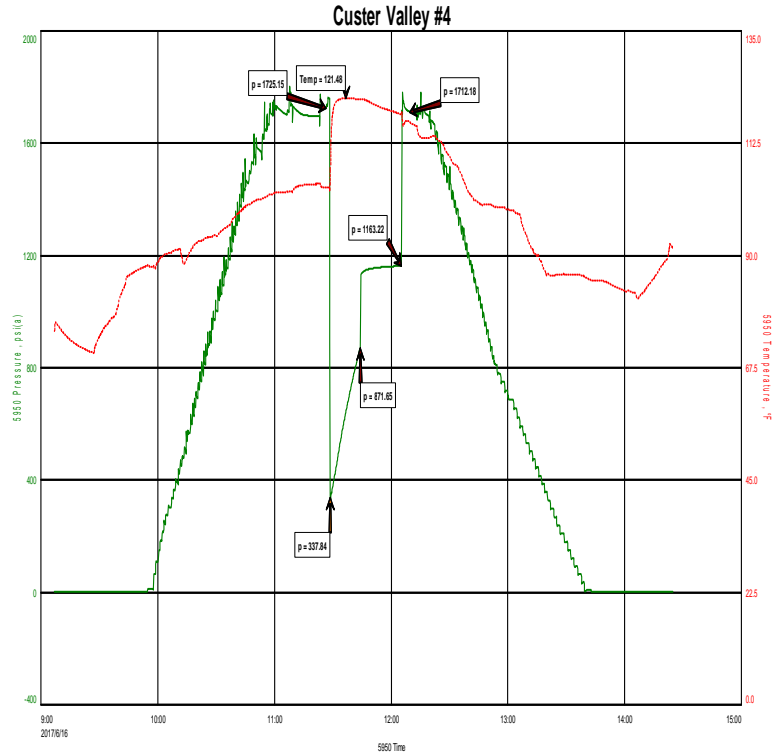
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name Stroke Of Luck Energy & Exploration LLC

Contact	Jim Henkle
Well Name	Custer Valley #4
Unique Well ID	Dst #7 Arbuckle 3633-3647'
Surface Location	Sec 24-11s-19w Ellis County
Field	Soloman
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	Stroke Of Luck E&E LLC

Formation	Dst #7 Arbuckle 3633-3647'
Well Fluid Type	06 Water
Test Purpose	Initial Test
Start Test Date	2017/06/16
Start Test Time	09:07:00
Final Test Time	14:25:00
Job Number	P0191
Report Date	2017/06/16
Prepared By	Michael Carroll



TEST RECOVERY

Remarks Recovery: 206' MW 63%W 37%M

1674' Water 100%W

Total Fluid: 1880'

Tool Sample: 100%W

Chlorides 28000 PPM
Rw .2 @ 80 Degrees
Ph 7



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

TIME ON: 0907
TIME OFF: 1425

DRILL-STEM TEST TICKET
FILE: CUSTERVALLEY#4DST#7

Company STROKE OF LUCK ENERGY&EXPLORATION LLC Lease & Well No. CUSTER VALLEY #4
Contractor LANDMARK RIG 4 Charge to STROKE OF LUCK ENERGY&EXPLORATION LLC
Elevation 2068KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. P0191
Date 06-16-17 Sec. 24 Twp. _____ 11 S Range _____ 19 W County ELLIS State KANSAS
Test Approved By KEVIN BAILEY Diamond Representative Michael Carroll

Formation Test No. 7 Interval Tested from 3633 ft. to 3647 ft. Total Depth 3647 ft.
Packer Depth 3627 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3633 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3617 ft. Recorder Number 5950 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3637 ft. Recorder Number 5588 Cap. 6000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 42 Drill Collar Length 87 ft. I.D. 2 1/4 in.
Weight 8.9 Water Loss 10.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 11000 P.P.M. Drill Pipe Length 3512 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 11 Test Tool Length 34 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 14 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: **8" BLOW-BUILT TO BOB IN 40 SECONDS** **NOBB**
2nd Open: _____

Recovered 206 ft. of MW 63%W 37%M CHLORIDES 28000 PPM
Recovered 1674 ft. of WATER 100%W RW .2 @ 80 DEGREES
Recovered 1880 ft. of TOTAL FLUID PH 7

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: <u>TOOL SAMPLE: 100% WATER</u>	Total

Time Set Packer(s) 11:30 A.M. A.M. P.M. Time Started Off Bottom 12:00P.M. A.M. P.M. Maximum Temperature 121

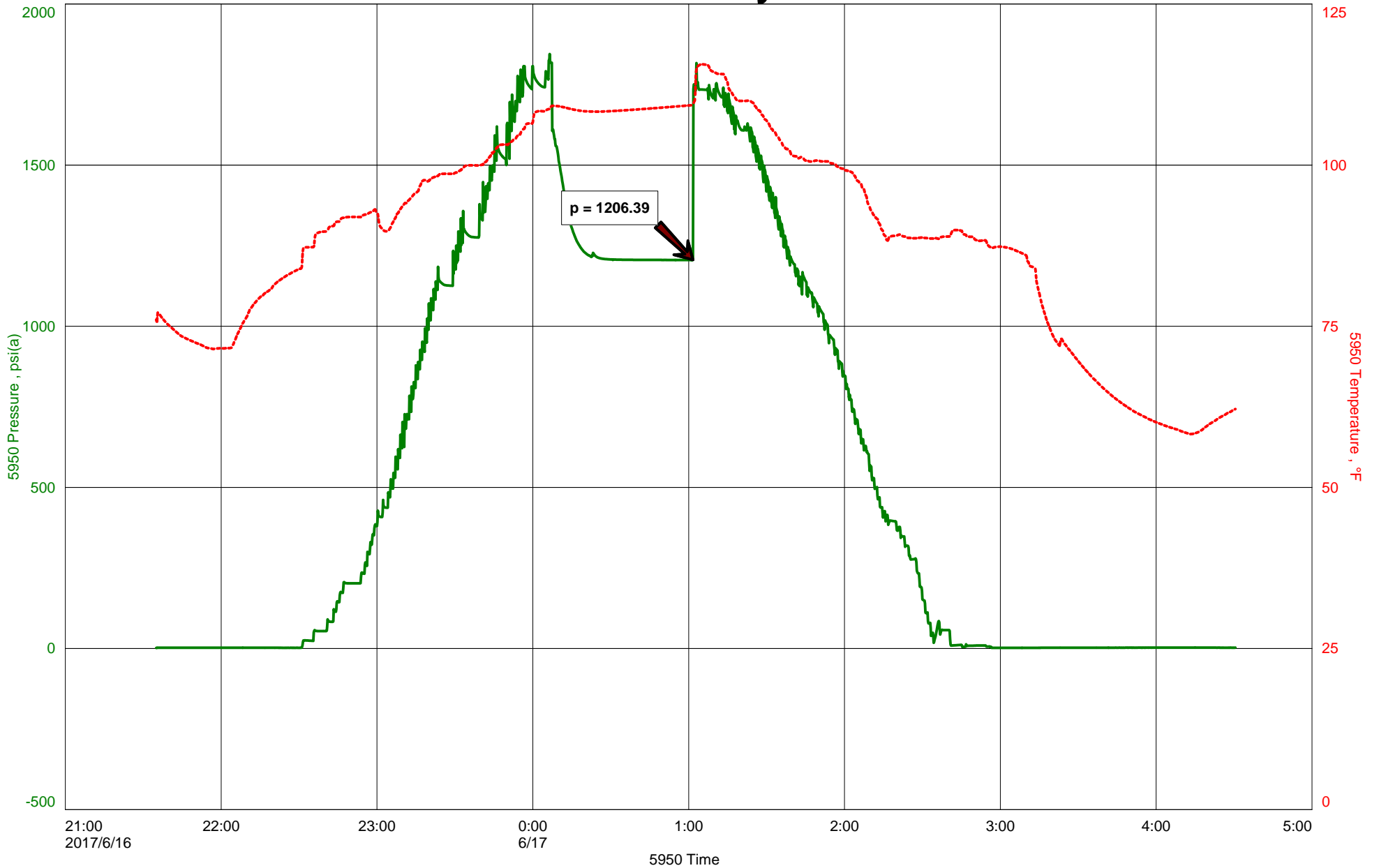
Initial Hydrostatic Pressure..... (A) 1725 P.S.I.
Initial Flow Period..... Minutes 15 (B) 338 P.S.I. to (C) 872 P.S.I.
Initial Closed In Period..... Minutes 15 (D) 1163 P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) 1712 P.S.I.

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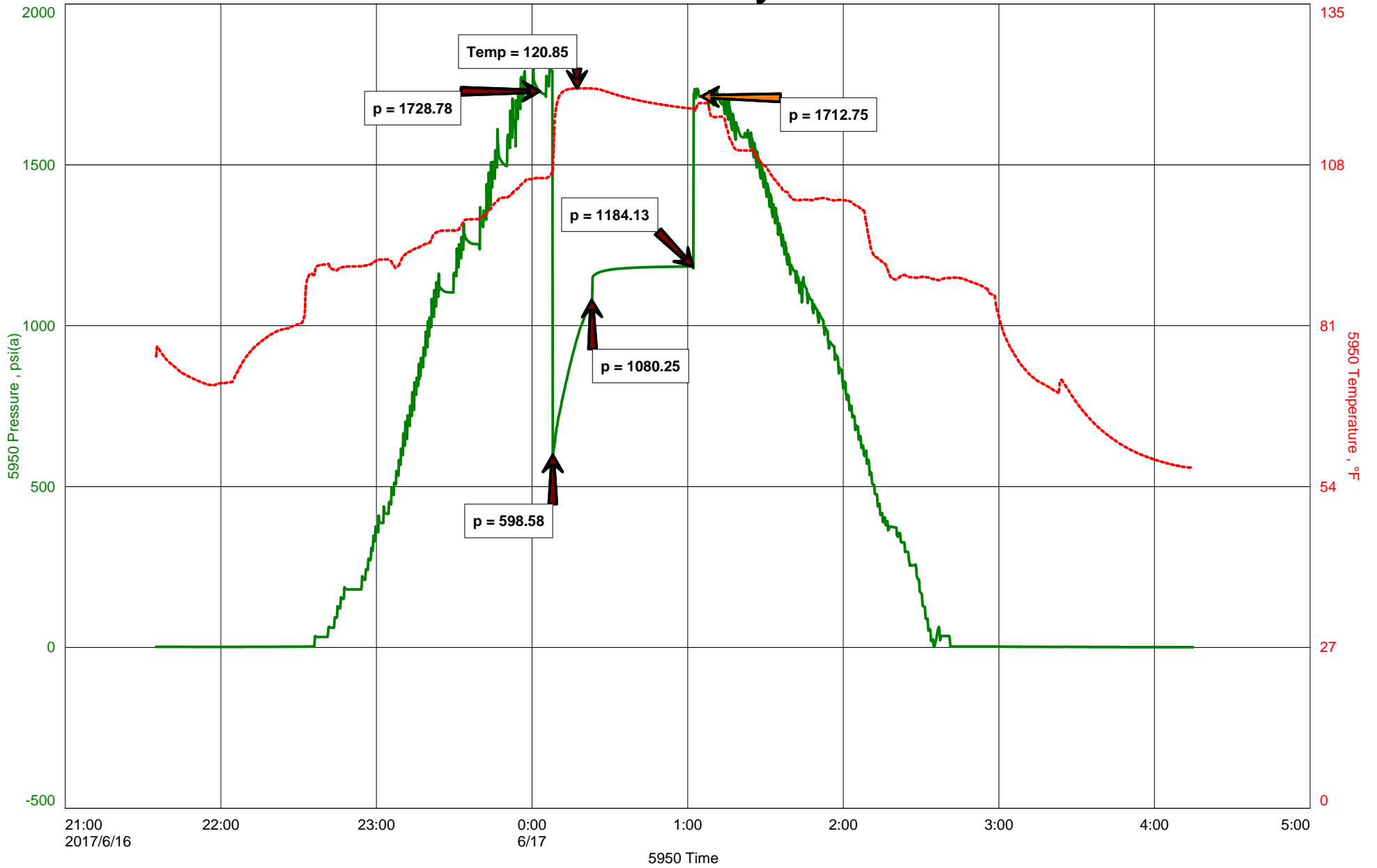
Stroke Of Luck Energy & Exploration LLC
Dst #8 Arbuckle 3648-3677'
Start Test Date: 2017/06/16
Final Test Date: 2017/06/17

Custer Valley #4
Formation: Dst #8 Arbuckle 3648-3677'
Pool: Wildcat
Job Number: P0192

Custer Valley #4



Custer Valley #4





Hoisington, Kansas

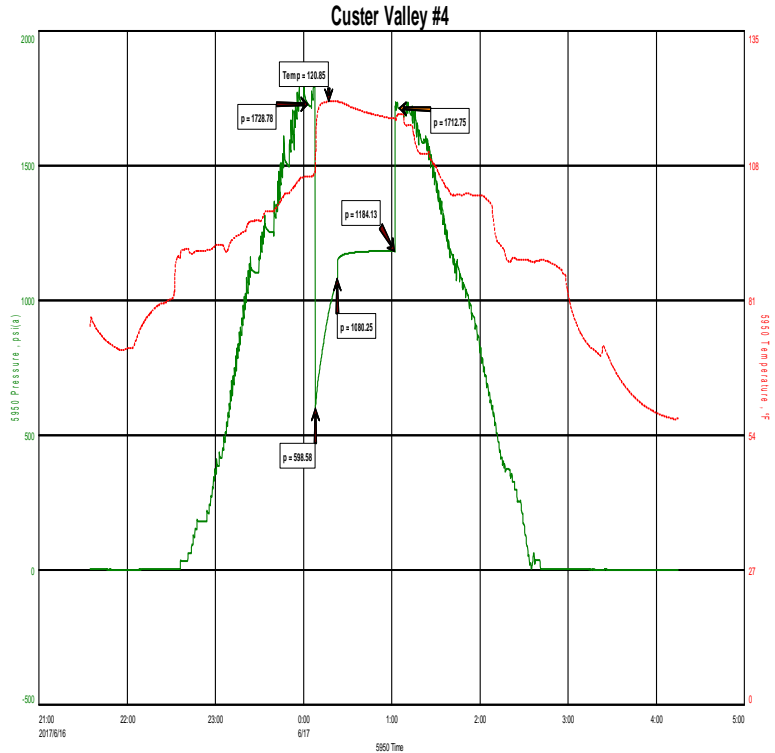
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name Stroke Of Luck Energy & Exploration LLC

Contact	Jim Henkle
Well Name	Custer Valley #4
Unique Well ID	Dst #8 Arbuckle 3648-3677'
Surface Location	Sec 24-11s-19w Ellis County
Field	Soloman
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	Stroke Of Luck E&E LLC

Formation	Dst #8 Arbuckle 3648-3677'
Well Fluid Type	06 Water
Test Purpose	Initial Test
Start Test Date	2017/06/16
Start Test Time	21:35:00
Final Test Time	04:15:00
Job Number	P0192
Report Date	2017/06/16
Prepared By	Michael Carroll



TEST RECOVERY

Remarks Recovery: 292' MW 66%W 34%M

2078' Water 100%W

Total Fluid: 2370'

Tool Sample: 100%W

Chlorides 21000 PPM
Rw .28 @ 70 Degrees
RPh 7



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 2135 6-16
 TIME OFF: 0415 6-17

DRILL-STEM TEST TICKET
 FILE: CUSTERVALLEY#4DST#8

Company STROKE OF LUCK ENERGY&EXPLORATION LLC Lease & Well No. CUSTER VALLEY #4
 Contractor LANDMARK RIG 4 Charge to STROKE OF LUCK ENERGY&EXPLORATION LLC
 Elevation 2068KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. P0192
 Date 06-16-17 Sec. 24 Twp. 11 S Range 19 W County ELLIS State KANSAS
 Test Approved By KEVIN BAILEY Diamond Representative Michael Carroll

Formation Test No. 8 Interval Tested from 3648 ft. to 3677 ft. Total Depth 3700 ft.
 Packer Depth 3642 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3648 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3632 ft. Recorder Number 5950 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Below Straddle Recorder Depth 3678 ft. Recorder Number 5588 Cap. 6000 P.S.I.

Mud Type Chem Viscosity 44 Drill Collar Length 87 ft. I.D. 2 1/4 in.
 Weight 9.0 Water Loss 16 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 14000 P.P.M. Drill Pipe Length 3550 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number 11 Test Tool Length 34 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 29 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 23' TAIL PIPE Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 9" BLOW-BUILT TO BOB IN 30 SECONDS **NOBB**
 2nd Open: _____

Recovered 292 ft. of MW 66%W 34%M CHLORIDES 21000 PPM
 Recovered 2078 ft. of WATER 100%W RW .28 @ 70 DEGREES
 Recovered 2370 ft. of TOTAL FLUID PH 7

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: <u>TOOL SAMPLE: 100%W</u> <u>BELOW STRADDLE MAX PSI: 1206</u>	Total

Time Set Packer(s) 12:05 A.M. A.M. P.M. Time Started Off Bottom 1:00A.M. A.M. P.M. Maximum Temperature 121

Initial Hydrostatic Pressure..... (A) 1729 P.S.I.
 Initial Flow Period..... Minutes 15 (B) 599 P.S.I. to (C) 1080 P.S.I.
 Initial Closed In Period..... Minutes 40 (D) 1184 P.S.I.
 Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
 Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
 Final Hydrostatic Pressure..... (H) 1713 P.S.I.

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