



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1196387
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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 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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1196387

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 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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 <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)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Trek AEC, LLC
Well Name	Coberly C 2
Doc ID	1196387

Tops

Name	Top	Datum
Anhydrite	1889	+544
Base Anhydrite	1929	+504
Heebner	3640	-1207
Toronto	3660	-1227
Lansing	3678	-1246
Lansing "B"	3710	-1277
Lansing "D"	3726	-1293
Lansing "F"	3770	-1337
Lansing "H"	3832	-1399
Lansing "I"	3862	-1429
Lansing "J"	3897	-1464
Stark Shale	3918	-1485
Lansing "K"	3923	-1490
Lansing "L"	3962	-1529
Base/KC	3980	-1547
Marmaton	4039	-1600
Ft. Scott	4171	-1738
Cherokee	4200	-1767
Mississippi	4270	-1837

GEOLOGICAL REPORT

DRILLING TIME & SAMPLE DESCRIPTION

DOUGLAS V. DAVIS JR.
GEOLOGIST
LICENSED KANSAS
482

REPORT PREPARED BY: DOUGLAS V. DAVIS JR.
OPERATOR: TREK AEG, LLC.
LEASE: COBERLY #2 AP#15-063-221-47-00-00
FIELD: TILLER TOWNSHIP
LOCATION: 1865' FSL, 1550' FWL

ELEVATION: K.B. 2433'
D.F.:
G.L.: 2428'

SEC. 16 TWNSP. 15S RANGE 27W
COUNTY GOVE STATE KANSAS

DEPTH MEASURED FROM KB
CASING 216' @ 2 1/2" W/100 SX
PRODUCTION 4-1/2" LOGGING

CONTRACTOR: Mallard Drilling Rig #1
SPUD: 1/24/14 COMP: 2/21/14
LTD: 4300' RTD: 4321' MUD UP: 3420'

DRILLING TIME FROM 3400' TO 4321'

FORMATION: SAMPLE E I O G DATUM A B
Heebner Sh. 3640 (-1207)
Toronto Ls. 3660 (-1227)
Lansing Gp. 3673 (-1220)
Muncie Cr. 3726 (-1273)
LKC "B" 3720
LKC "D" 3726 (-1273)
LKC "E" 3760
LKC "F" 3770
LKC "G" 3792
Muncie Creek Sh. LKC "H" 3852
LKC "I" 3886
LKC "J" 3912
Stark Sh. LKC "K" 3934
Hushpuckney Sh. LKC "L" 3975
Marmaton Gp. CFS @ 4038'
Pawnee Ls. 4150
Ft. Scott Ls. 4177
Cherokee Gp. CFS @ 4195
Cherokee Ss. 4259
Mississippian CFS @ 4263
CFS @ 4290
RTD 4321' CFS @ 4321'

DRILLING TIME FROM 3400' TO 4321'

REMARKS: It was recommended to run 4-1/2" production casing on this well.

REMARKS:

DST #1 3885-3912', Lansing "J"
30"-60"-30"-60"
Strong Blow#12" 110' GIP
IHP 1916# FHP 1986# BHT 124 F
IFP 26-117# FFP 124-152#
ISIP 452# FSP 448#
Rec. 10' GIMCO, 63' GIMCO,
62' OCM 180' OSMW

DST #2 3922-3934', LKC "K"
30"-60"-30"-60"
Weak Blow#14" Weak Blow FF
IHP 2058# FHP 2005# BHT 115 F
IFP 27-100# FFP 115-144#
ISIP 944# FSP 926#
Rec. 82" GIP, 107" GCO, 62" GIMCO
120' GIMCO, 60' OSMW

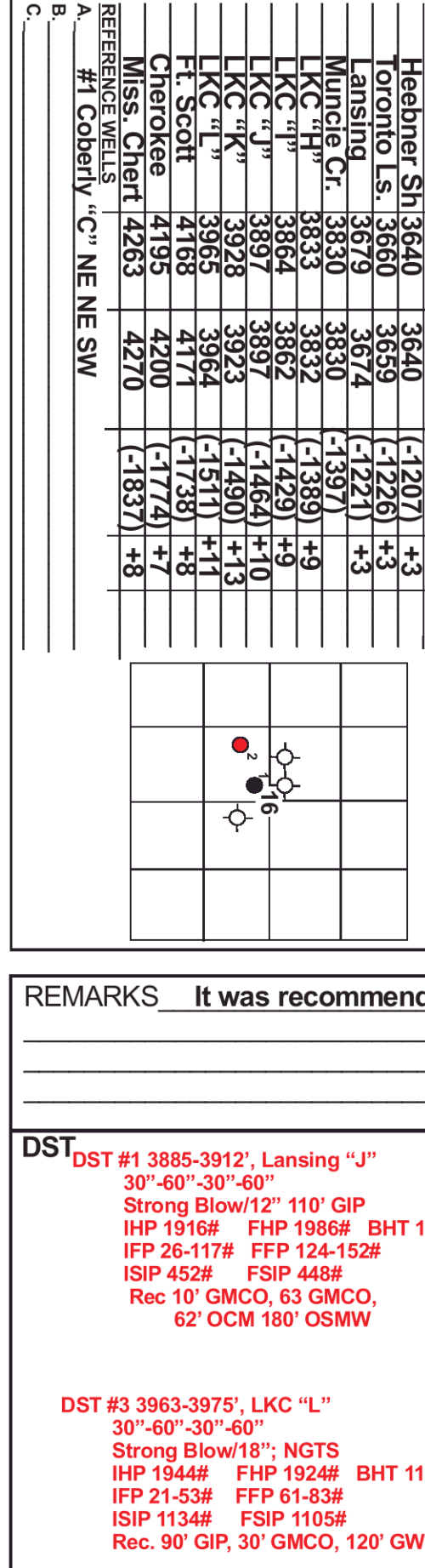
DST #3 3963-3975', LKC "L"
30"-60"-30"-60"
Strong Blow#18" NGTS
IHP 1944# FHP 1924# BHT 117 F
IFP 21-53# FFP 61-63#
ISIP 1134# FSP 1105#
Rec. 90' GIP, 30' GIMCO, 120' GIMCO

DST #4 4156-4195', Ft. Scott,
30"-60"-30"-60"
Weak Blow#14" Weak Blow FF
IHP 2058# FHP 2005# BHT 115 F
IFP 20-26# FFP 23-30#
ISIP 204# FSP 114#
Rec. 30' OCM

LEGEND



LIMESTONE SANDSTONE DOLOMITE SHALE BLK SHALE CHERT ANH/GYPSUM



DRILLING TIME IN MINUTES PER FOOT

5" 10" 15" 20" 25"

DRILLING TIME IN MINUTES PER FOOT

5" 10" 15" 20" 25"

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DRILLING TIME IN MINUTES PER FOOT

5" 10" 15" 20" 25"

LITHOLOGY

Sh-Dk Gry

Sh-Grn/Red

Sh-Grn/Red

Sh-Dk Gry

Anh-Wh

Anh-Wh

Anh-Wh

Sh-Grm/Red

Sh-Dk Gry

Ls-Crm/Tan, Fxln, Fos, NVP, NS, NF

Sh-Grm-Gry

Sh-Grn-Gry, Dk Gry

Ls-Crm/Tan, Fxln, Fos, NVP, NS, NF

Ls-Crm/Tan, Fxln, Fos, NVP, NS, NF

Sh-Grn-Gry, Dk Gry

Ls-Crm/Tan, Fxln, Fos, NVP, NS, NF

Sh-Grn-Gry, Dk Gry

Ls-Lt Brn/Lt Gry-Brn, Fxln, NVP, NS, NF

Sh-Grn-Gry, Dk Gry

Sh-Grm-Gry, Lt Gry

Ls-Lt Gry/Wh, Fxln, Fos, NVP, NS

Ls-Lt Gry/Crm, Fxln, NVP, NS

Sh-Dk Gry, Gry

Ls-Wh/Crm, Fxln, Chalky Ool, Pr Oom Por, NVP, NS

Sh-Dk Gry, Blk Carb

Ls-Wh/Crm/Tan, Fxln, NVP, NS, No Fluor

Sh-Dk Gry/ Gry/ Gry-Grn

Ls-Wh/Crm/Tan, Fxln, Fos, Pr Inter-xln Por, NS

Sh-Dk Gry/ Gry/ Gry-Grn

Ls-Wh/Crm/Tan, Fxln, Fos, Pr Inter-xln Por, NS

Ls-Wh/Crm/Tan, Fxln, Fos, Pr Inter-xln Por, NS

Ls-Wh/Crm/Tan, Fxln, Fos, Pr Inter-xln Por, NS

Ls-Wh/Crm/Tan, Fxln, Fos, Pr Inter-xln Por, NS

Ls-Wh/Crm/Tan, Fxln, Fos, Pr Inter-xln Por, NS

HOT WIRE

5 10 50 100 500 1000

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HOT WIRE

CONTRACTOR: Mallard Drilling Rig #1 LOCATION: 3415' FNL 1515' FWL

LEASE: Coberly #2 SEC. 16 TWNSP. 15S RANGE 27W

ELEVATION 2433' RTD 4321' LTD 4322' COUNTY Gove STATE Kansas

DST

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTH LAKE, TEXAS 76092

SERVICE POINT: Greenland, KS

Coberly C-2

DATE <u>1-24-14</u>	SEC <u>16</u>	TWP. <u>15S</u>	RANGE <u>27W</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00 AM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>Coberly C</u>	WELL# <u>2</u>	LOCATION <u>Peader's SW corner</u>		COUNTY <u>Lea</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)						<u>1.01</u>	<u>7.9</u>

CONTRACTOR Mullord OWNER

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D.

CASING SIZE 4 5/8 DEPTH 261 CEMENT AMOUNT ORDERED 150 SKS class A

TUBING SIZE DEPTH 3 1/2 CG 2-t-gel

DRILL PIPE 4 1/2 DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15 FT

PERFS.

DISPLACEMENT 12 1/4 6 1/2 Freshwater

EQUIPMENT

PUMP TRUCK CEMENTER Dustin Chambers 1

394 HELPER Ben Newell 2

BULK TRUCK

609-239 DRIVER Josh Isaac 1

BULK TRUCK

DRIVER

CEMENT

AMOUNT ORDERED 150 SKS class A

3 1/2 CG 2-t-gel

COMMON 150 @ 17.90 2685.00

POZMIX @

GEL 3 @ 23.40 70.20

CHLORIDE 423 @ .90 380.70

ASC @

@

@

@

@

@

@

@

HANDLING 16209 x 2.45 @ 401.98 96

MILEAGE 7.4 x 45 x 2.60 815.50

TOTAL 4361.88 36

333-

REMARKS:

Break off cement at the top of
pump 5 bbls freshwater ahead
with 150 SKS cement
Displace 12 1/4 bbls freshwater
or slow in
cement had worn down
plug down 7.15 ft
plug down

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 1572.25

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

HVM - 45 @ 7.70 346.50

LVM - 45 @ 4.40 198.00

TOTAL 2056.75

CHARGE TO: Trek AEC

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

SALES TAX (If Any) 244.39

TOTAL CHARGES 6415.81

DISCOUNT 1283.62 IF PAID IN 30 DAYS

PRINTED NAME x Frank Spasnik

SIGNATURE x Frank Spasnik

\$5132.19 49

Thank You!

ALLIED OIL & GAS SERVICES, LLC 062678

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

316-263-1851

SERVICE POINT: Greenwood

DATE <u>2-3-14</u>	SEC. <u>16</u>	TWP. <u>153</u>	RANGE <u>27W</u>	CALLED OUT	ON LOCATION	JOB START <u>6:30 AM</u>	JOB FINISH <u>2:30 PM</u>
LEASE <u>Liberty C</u>		WELL # <u>2</u>	LOCATION <u>Pendergrass N 4th</u>		COUNTY <u>Goose</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)						1.9	

CONTRACTOR <u>Mallard</u>	OWNER <u>1.0²</u>
TYPE OF JOB <u>1/2 Production Top Sample</u>	CEMENT
HOLE SIZE <u>7 7/8</u>	T.D.
CASING SIZE <u>4 1/2</u>	DEPTH <u>4112</u>
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH
TOOL <u>12 1/2</u>	DEPTH <u>1450</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>Greenwood</u>	

EQUIPMENT

PUMP TRUCK # <u>366</u>	CEMENTER <u>Diagona Chambers</u>	HELPER <u>Ben Maxwell</u>
BULK TRUCK # <u>594-198</u>	DRIVER <u>Kentley Reynolds</u>	
BULK TRUCK # <u>599</u>	DRIVER <u>Bryan Lang</u>	

425 SK 4 1/2	@ 16.50	7012.50
Fla Seal 106	@ 2.97	314.82
HANDLING <u>468.72</u>	@ 2.48	1162.83
MILEAGE <u>19.44 x 45</u>	@ 2.60	2297.88
TOTAL		10,787.63

REMARKS:
Circular for 45m d.i.
plug R.H. ~~505~~ w/ 505 SKs
plug mix w/ 20 SKs
mix 375 SKs from tank
shut down work lines & release plug
Diagona 2941 bbls for work
Low 2 plug pressure - 1500 PSI
plug down 7:00 AM 4050 PSI

CHARGE TO: Trek AEC LLC
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE	2213.25	
EXTRA FOOTAGE	@	
MILEAGE	@	
MANIFOLD	@	
TOTAL		2213.25

To: Allied Oil & Gas 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.

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		
SALES TAX (If Any)	578.85	
TOTAL CHARGES	13001.38	
DISCOUNT	2600.25	
TOTAL		10,401.13

PRINTED NAME x Thad Staur
 SIGNATURE Thad Staur
Thank you!

ALLIED OIL & GAS SERVICES, LLC 062677

Federal Tax ID. # 20-3651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Calvin Bendis
2-3-14

DATE <u>2-2-14</u>	SEC <u>16</u>	TWP. <u>15S</u>	RANGE <u>27W</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00 PM</u>	JOB FINISH <u>5:00 AM</u>
LEASE <u>Cooper VC</u>	WELL# <u>2</u>	LOCATION <u>Pendricks 45N 27W</u>			COUNTY <u>Love</u>	STATE <u>TX</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>Mullard</u>	OWNER
TYPE OF JOB <u>4 1/2 production Bottom Stage</u>	
HOLE SIZE <u>7 1/8</u>	T.D.
CASING SIZE <u>4 1/2</u>	DEPTH <u>4112</u>
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH
TOOL DV-TOL	DEPTH <u>1850</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>21</u>
CEMENT LEFT IN CSG. <u>21 ft</u>	

PERFS.	COMMON	@	
DISPLACEMENT <u>fresh water / nitrogen</u>	POZMIX	@	
EQUIPMENT	GEL	@	
PUMP TRUCK # <u>766</u> CEMENTER <u>Dustin Chambers</u>	CHLORIDE	@	
BULK TRUCK # <u>599</u> DRIVER <u>Brian Long</u>	ASC <u>100</u>	@	<u>20.90</u> <u>2090.00</u>
BULK TRUCK # <u>544-198</u> DRIVER <u>Karin Weigand</u>	DV-1100 <u>500 gal</u>	@	<u>1.27</u> <u>635.00</u>
	Kolscol <u>500</u>	@	<u>0.98</u> <u>490.00</u>
	FI-160 <u>28</u>	@	<u>18.90</u> <u>529.20</u>
	DF <u>13</u>	@	<u>9.80</u> <u>127.40</u>
	HANDLING <u>129.14</u>	@	<u>2.48</u> <u>320.20</u>
	MILEAGE <u>5.60 x 45x</u>	@	<u>2.60</u> <u>655.20</u>
	TOTAL		<u>4.847.00</u>

REMARKS:
 Pump 500 gal DV-1100 mix 100 sacks 1 cc
 Shut down clean lines & check plug
 Drift core - 35.63 bbls water
 Displace 22.11 bbls mud
 Run 2 plug pressure 1500#
 Run 2 plug pressure 1500#
 Run 2 plug pressure 1500#
 Run 2 plug pressure 1500#
 Run 2 plug pressure 1500#
 Run 2 plug pressure 1500#

CHARGE TO: Trek AEC LLC
 STREET _____
 CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas 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 X Thad Starn
 SIGNATURE X Thad Starn
Thank You!!

DEPTH OF JOB	PUMP TRUCK CHARGE	@	<u>2600.00</u>
EXTRA FOOTAGE	MILEAGE <u>5.60 x 45</u>	@	<u>4.40</u> <u>198.00</u>
MANIFOLD <u>Head</u>	MANIFOLD <u>Head</u>	@	<u>275.00</u> <u>275.00</u>
	MANIFOLD <u>Head</u>	@	<u>7.70</u> <u>346.50</u>
	TOTAL		<u>3.419.97</u>

PLUG & FLOAT EQUIPMENT			
1-4 1/2 APU Blow shoe	@	<u>425.00</u>	<u>425.00</u>
1-4 1/2 DV Tool	@	<u>4.832.00</u>	<u>4.832.00</u>
2-4 1/2 Bunkers	@	<u>315.00</u>	<u>630.00</u>
5-4 1/2 Centralizers	@	<u>52.00</u>	<u>260.00</u>
1-4 1/2 Wash Down plug	@	<u>655.00</u>	<u>655.00</u>
TOTAL			<u>6.827.00</u>

SALES TAX (If Any) 845.18
 TOTAL CHARGES 15,094.03
 DISCOUNT 1,653.40
 IF PAID IN 30 DAYS
13,440.63

P.001/002



CHARGE TO: **TREK**
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET 25326

PAGE 1 OF 1

SERVICE LOCATIONS 1. <i>Hays, Ks.</i>	WELL/PROJECT NO. <i>C#2</i>	LEASE <i>Coburn</i>	COUNTY/PARISH <i>Grove</i>	STATE <i>Ks</i>	CITY	DATE <i>2-14-14</i>	OWNER <i>Same</i>
2. <i>Ness City, Ks.</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>PPS</i>	RIG NAME NO.	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>Location</i>	ORDER NO.	
3.	WELL TYPE <i>oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>Perforation</i>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

(FAX)

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			LWM		LWM	
575		1			MILEAGE #111	80	mi	6	00	480 00
577		1			Pump Charge (Shallow-Squeeze)	1	mi	650	1000	1000 00
288		1			Sand 20/90 Brady	1	sk	22	00	22 00
290		1			D-Air	2	sd	42	00	84 00
										2312 50
330		2			SMD Cement	225	sk	18	50	4050 00
276		2			Floccle	50	sk	2	50	125 00
581		2			Cement Service Charge	225	sk	2	00	450 00
583		2			Drayage	880	TAM	1	00	880 00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *Thel Starn*
 DATE SIGNED *2-14-14* TIME SIGNED *1245* AM P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	5353
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					7207 50
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	5554 44

Govt TAX 7.9% 200 94

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

SWIFT OPERATOR *Michal...* APPROVAL

Thank You!

03/27/2014/THU 02:52PM NO. 4401 RECEIVE:

JOB LOG

SWIFT Services, Inc.

DATE 2-19-14 PAGE NO.

CUSTOMER TREK WELL NO. C#2 LEASE Coherly JOB TYPE Squeeze Perfs TICKET NO. 25326

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							on loc / set up Trk
								2 3/8" x 4 1/2"
								RBP 1540'
			0					Pkr 1528'
								Lead Hole
	1030		25					Test RRB to 800 psi
	1055	2	5					Spot 1sk Sand w/ 5 bbl wtr
								TOO H w/ Pkr
								Perf csg @ 650'
			0					Hook up to 4 1/2" csg
	1210	3	4			1	100	Take rate & check for blow
	1218	5	0				300	Start 125 sks SMD Cement
	1225		38				400	circ cement / raise weight
	1227		55/0				400	End Cement / Start Displacement
	1229		8.5				500	Cement displaced
	1230						100	Shut in
								125 sks SMD
								circ 35 sks to pit
								Thank you
								Nick, David E. & Isaac



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Trek AEC LLC
 N. Market
 STE 710
 Wichita, KS 67202
 ATTN: Douglas Davis

S16-15s-27w Gove, KS

Coberly #2

Job Ticket: 56627

DST#: 1

Test Start: 2014.01.29 @ 17:21:00

GENERAL INFORMATION:

Formation: **LKC 'J'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:07:24
 Time Test Ended: 00:27:30
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chuck Smith
 Unit No: 62
 Interval: **3885.00 ft (KB) To 3912.00 ft (KB) (TVD)**
 Total Depth: 3912.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Reference Elevations: 2433.00 ft (KB)
 2428.00 ft (CF)
 KB to GR/CF: 5.00 ft

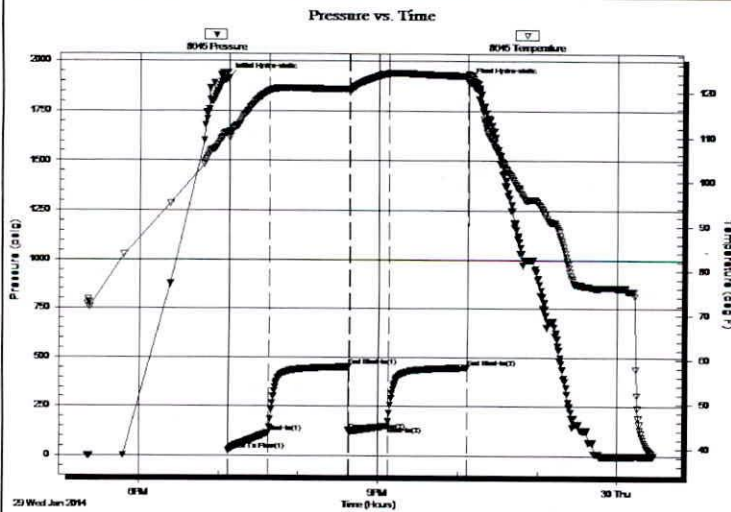
Serial #: 8645

Outside

Press@RunDepth: 152.40 psig @ 3889.00 ft (KB)
 Start Date: 2014.01.29 End Date: 2014.01.30
 Start Time: 17:21:05 End Time: 00:27:29

Capacity: 8000.00 psig
 Last Calib.: 2014.01.30
 Time On Btm: 2014.01.29 @ 19:06:00
 Time Off Btm: 2014.01.29 @ 22:07:47

TEST COMMENT: B.O.B. @ 12 min.
 2" Return.
 B.O.B. @ 17 min.
 5" Return.



PRESSURE SUMMARY

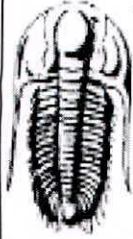
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1915.97	110.92	Initial Hydro-static
2	26.04	109.75	Open To Flow (1)
32	116.91	120.20	Shut-In(1)
92	451.70	120.55	End Shut-In(1)
92	124.15	120.39	Open To Flow (2)
122	152.40	123.97	Shut-In(2)
182	447.79	123.46	End Shut-In(2)
182	1896.06	123.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: .170 @ 40 Degrees F = 82000 PPM	0.00
180.00	OSMW 15m 85w	0.89
62.00	OCM 5o 95m	0.30
63.00	GMCO 10g 40m 50o	0.88
10.00	GMCO 10g 20m 70o	0.14
0.00	110' GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Trek AEC LLC

S16-15s-27w Gove, KS

N. Market
STE 710
Wichita, KS 67202
ATTN: Douglas Davis

Coberly #2

Job Ticket: 56627

DST#: 1

Test Start: 2014.01.29 @ 17:21:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

82000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	RW: .170 @ 40 Degrees F = 82000 PPM	0.000
180.00	OSMW 15m 85w	0.885
62.00	OCM 5o 95m	0.305
63.00	GMCO 10g 40m 50o	0.884
10.00	GMCO 10g 20m 70o	0.140
0.00	110' GIP	0.000

Total Length: 315.00 ft

Total Volume:

2.214 bbl

Num Fluid Samples: 0

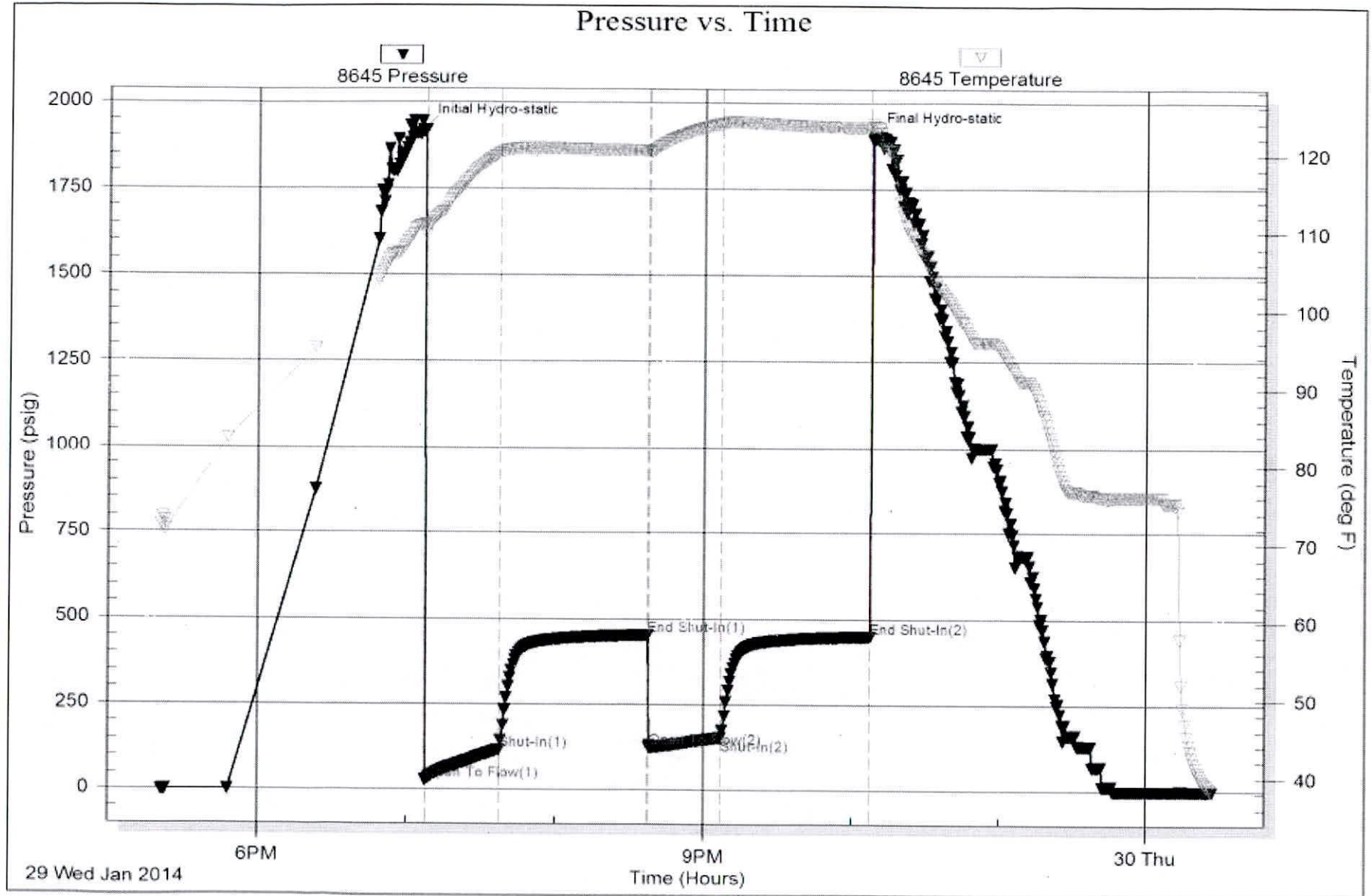
Num Gas Bombs: 0

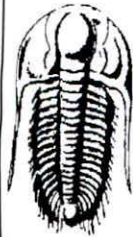
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Too much mud to get a gavity.





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Trek AEC LLC
 155 N. Market
 STE 710
 Wichita, KS 67202
 ATTN: Douglas Davis

S16-15s-27w Gove, KS

Coberly #2

Job Ticket: 56628

DST#: 2

Test Start: 2014.01.30 @ 09:25:00

GENERAL INFORMATION:

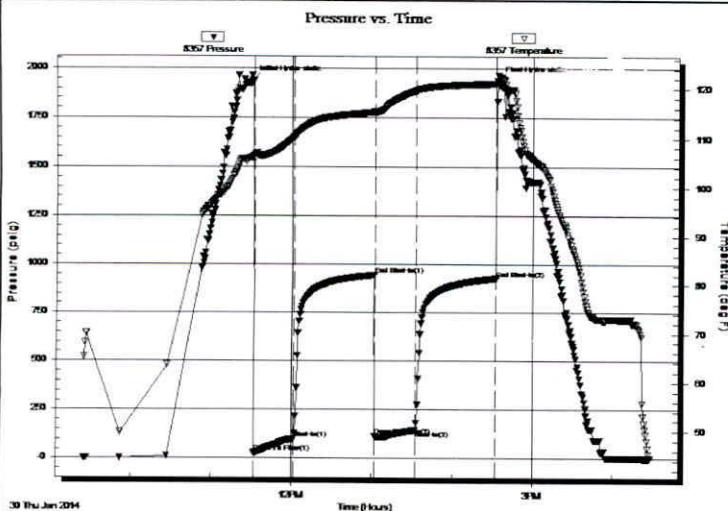
Formation: **LKC 'K'**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 11:32:06 Tester: Chuck Smith
 Time Test Ended: 16:27:47 Unit No: 62
 Interval: **3922.00 ft (KB) To 3934.00 ft (KB) (TVD)** Reference Elevations: 2433.00 ft (KB)
 Total Depth: 3934.00 ft (KB) (TVD) 2428.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press@RunDepth: 144.07 psig @ 3926.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.30 End Date: 2014.01.30 Last Calib.: 2014.01.30
 Start Time: 09:25:05 End Time: 16:27:47 Time On Btm: 2014.01.30 @ 11:30:30
 Time Off Btm: 2014.01.30 @ 14:34:00

TEST COMMENT: B.O.B. @ 5 1/2 min.
 3" Return.
 B.O.B. @ 8 min.
 11" Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1937.40	105.99	Initial Hydro-static
2	27.01	105.83	Open To Flow (1)
32	100.20	110.30	Shut-In(1)
92	944.32	115.27	End Shut-In(1)
92	115.13	115.09	Open To Flow (2)
123	144.07	119.64	Shut-In(2)
183	925.96	121.05	End Shut-In(2)
184	1939.06	122.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: .290 @ 37 Degrees F = 50000 PPM	0.00
60.00	OSMW 10m 90w	0.30
120.00	GMCO 40g 10m 50 o/emulsion	0.59
62.00	GMCO 25g 25m 50o	0.30
107.00	CGO 25g 75o	1.50
0.00	821' GIP	0.00

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Trek AEC LLC

S16-15s-27w Gove, KS

155 N. Market
STE 710
Wichita, KS 67202
ATTN: Douglas Davis

Coberly #2

Job Ticket: 56628

DST#: 2

Test Start: 2014.01.30 @ 09:25:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 7.00 in³
Resistivity: ohm.m
Salinity: 4000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 39 deg API
Water Salinity: 50000 ppm

Recovery Information

Recovery Table

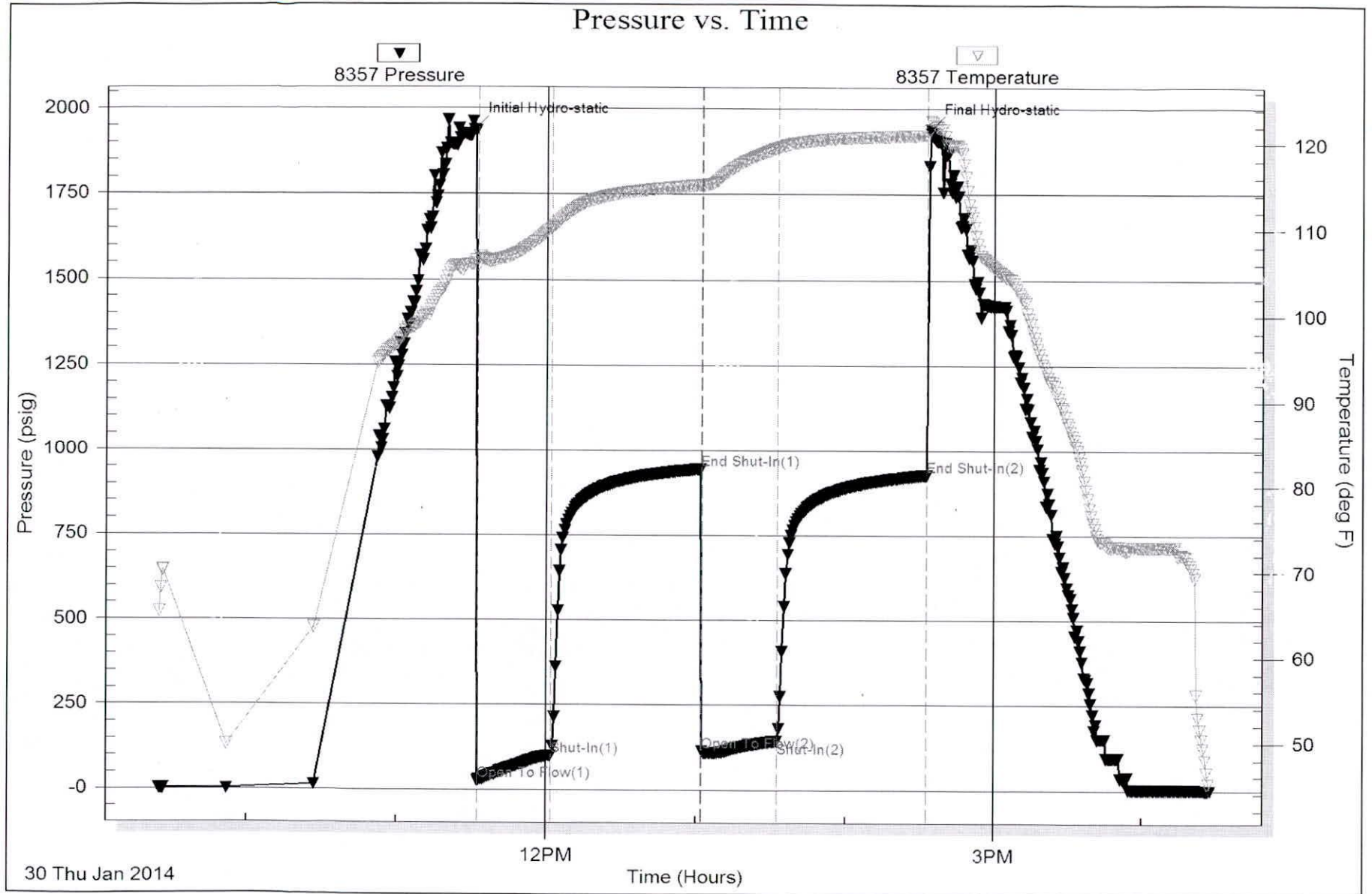
Length ft	Description	Volume bbl
0.00	RW: .290 @ 37 Degrees F = 50000 PPM	0.000
60.00	OSMW 10m 90w	0.295
120.00	GMCO 40g 10m 50 o/emulsion	0.590
62.00	GMCO 25g 25m 50o	0.305
107.00	CGO 25g 75o	1.501
0.00	821' GIP	0.000

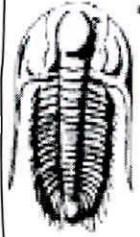
Total Length: 349.00 ft Total Volume: 2.691 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: API: 37 @ 40 Degrees F = 39





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Trek AEC LLC

S16-15s-27w Gove, KS

155 N. Market
STE 710
Wichita, KS 67202
ATTN: Douglas Davis

Coberly #2

Job Ticket: 56629

DST#: 3

Test Start: 2014.01.31 @ 01:15:00

GENERAL INFORMATION:

Formation: **LKC 'L'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:40:54

Time Test Ended: 09:45:42

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 3963.00 ft (KB) To 3975.00 ft (KB) (TVD)

Reference Elevations: 2433.00 ft (KB)

Total Depth: 3975.00 ft (KB) (TVD)

2428.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press@RunDepth: 82.53 psig @ 3967.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.31

End Date:

2014.01.31

Last Calib.:

2014.01.31

Start Time: 01:15:05

End Time:

09:45:42

Time On Btm:

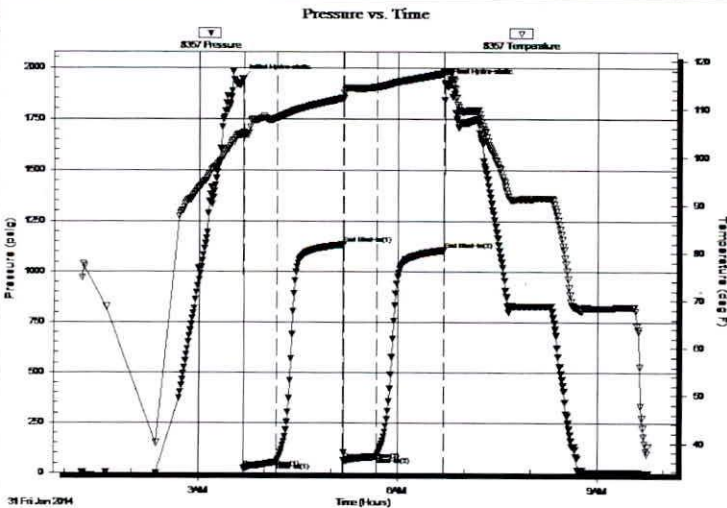
2014.01.31 @ 03:39:06

Time Off Btm:

2014.01.31 @ 06:42:24

TEST COMMENT: B.O.B. @ 18 min.
1" Return.
B.O.B. @ 12 min.
1" Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1943.85	104.95	Initial Hydro-static
2	21.28	104.13	Open To Flow (1)
32	53.17	108.17	Shut-In(1)
92	1134.22	112.30	End Shut-In(1)
93	61.36	113.25	Open To Flow (2)
122	82.53	114.57	Shut-In(2)
182	1104.87	117.37	End Shut-In(2)
184	1923.50	117.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GMCO 10g 35m 55o	0.15
120.00	GVMCO 22g 3w 30m 45o water too sm	0.59
0.00	90' GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Trek AEC LLC

S16-15s-27w Gove, KS

155 N. Market
STE 710
Wichita, KS 67202
ATTN: Douglas Davis

Coberly #2
Job Ticket: 56629 **DST#: 3**
Test Start: 2014.01.31 @ 01:15:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.00 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

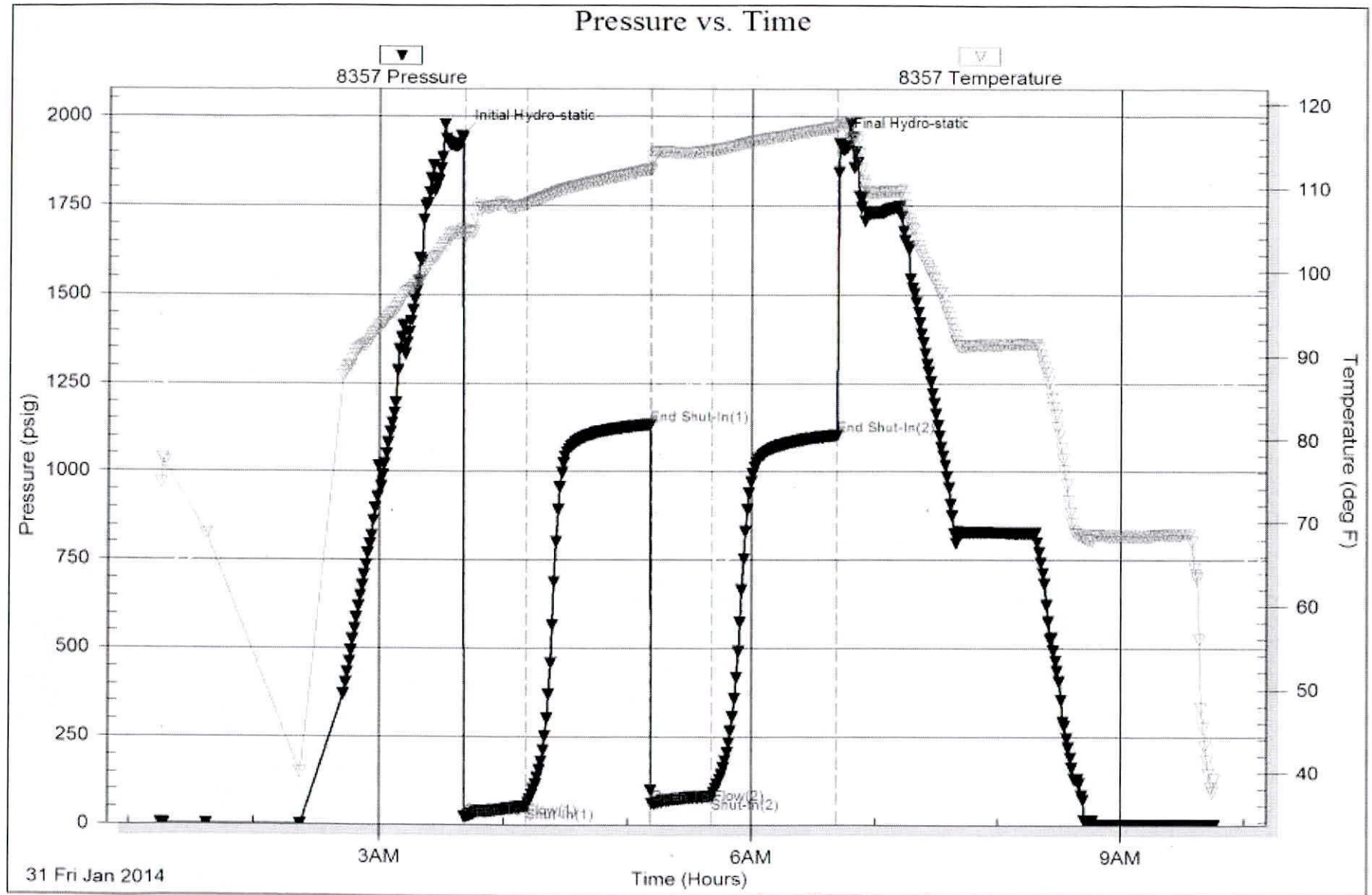
Length ft	Description	Volume bbl
30.00	GMCO 10g 35m 55o	0.148
120.00	GWMCO 22g 3w 30m 45o water too small to	0.590
0.00	90' GIP	0.000

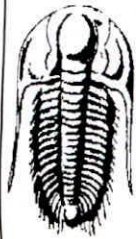
Total Length: 150.00 ft Total Volume: 0.738 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Trek AEC LLC
 155 N. Market
 STE 710
 Wichita, KS 67202
 ATTN: Douglas Davis

S16-15s-27w Gove, KS

Coberly #2

Job Ticket: 56630

DST#: 4

Test Start: 2014.02.01 @ 14:25:00

GENERAL INFORMATION:

Formation: **Ft. Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:58:36
 Time Test Ended: 20:21:54
 Interval: **4156.00 ft (KB) To 4195.00 ft (KB) (TVD)**
 Total Depth: 4195.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2433.00 ft (KB)
 2428.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press@RunDepth: 29.67 psig @ 4160.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.02.01

End Date: 2014.02.01

Last Calib.: 2014.02.01

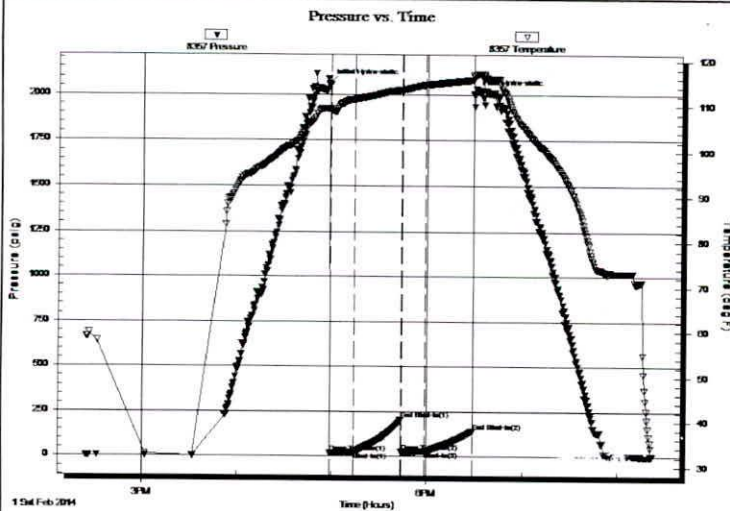
Start Time: 14:25:05

End Time: 20:21:53

Time On Btm: 2014.02.01 @ 16:57:12

Time Off Btm: 2014.02.01 @ 18:29:00

TEST COMMENT: 1" Blow.
 No return.
 1 1/2" Blow.
 No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2057.95	109.40	Initial Hydro-static
2	20.20	108.63	Open To Flow (1)
17	26.27	111.41	Shut-In(1)
47	204.46	113.53	End Shut-In(1)
47	22.83	113.49	Open To Flow (2)
62	29.67	114.59	Shut-In(2)
92	140.72	115.73	End Shut-In(2)
92	2004.71	116.33	Final Hydro-static

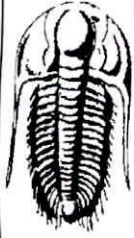
Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 5o 95m	0.15

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Trek AEC LLC

S16-15s-27w Gove, KS

155 N. Market
STE 710
Wichita, KS 67202

Coberly #2

Job Ticket: 56630

DST#: 4

ATTN: Douglas Davis

Test Start: 2014.02.01 @ 14:25:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 1.00 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM 5o 95m	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

