



KANSAS CORPORATION COMMISSION 1095465
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 # 34038
Name: Flatirons Resources LLC
Address 1: 303 E 17TH AVE STE 940
Address 2:
City: DENVER State CO Zip: 80203 +
Contact Person: John Marvin
Phone: (303) 292-3902
CONTRACTOR: License # 33935
Name: H. D. Drilling, LLC

Wellsite Geologist: Clayton Erickson
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 #:
5/29/2012 6/9/2012 6/10/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No 15 - 15-101-22375-00-00
Spot Description:
NE SW NE NE Sec. 27 Twp. 16 S. R. 28 East West
945 Feet from North / South Line of Section
945 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County Lane
Lease Name: Schmitt Well #: 41-27
Field Name:
Producing Formation: none
Elevation: Ground: 2738 Kelly Bushing: 2744
Total Depth: 4651 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 224 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 14000 ppm Fluid volume: 900 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:
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NAOMI JAMES Date: 10/03/2012



1095465

Operator Name: Flatirons Resources LLC Lease Name: Schmitt Well #: 41-27
Sec. 27 Twp. 16 S R 28 County Lane

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 (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run
Electric Log Submitted Electronically
List All E. Logs Run:
Borehole Compensated Sonic, Computer Processed Interpretation,
Dula Compensated Porosity, Microresistivity

CASING RECORD Table with columns: 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. Row 1: Surface, 12.25, 8.625, 23, 224, Class A, 165, 3%cc 2%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD Table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives.

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

TUBING RECORD: Size, Set Al., Packer Al., Liner Run (Yes/No)

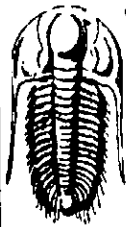
Date of First, Resumed Production, SWD or ENHR. Producing Method: Flowing, Pumping, Gas Lift, Other (Explain).
Estimated Production Per 24 Hours: Oil Bbls, Gas Mcf, Water Bbls, Gas-Oil Ratio, Gravity

DISPOSITION OF GAS: Vented, Sold, Used on Lease. METHOD OF COMPLETION: Open Hole, Perf., Dualy Comp., Commingled, Other. PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	Flatirons Resources LLC
Well Name	Schmitt 41-27
Doc ID	1095465

Tops

Name	Top	Datum
Anhydrite - top	2160	584
Anhydrite - base	2197	547
Topeka	3712	-968
Toronto	3969	-1225
Lansing	3987	-1243
Base/KC	4314	-1570
Pawnee	4458	-1714
Johnson zone	4560	-1816
Mississippian	4610	-1866
TD	4651	-1907



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Flatirons Resources LLC.

27-16s-28w Lane, KS

303 E 17th AVE STE 940
Denver CO. 80203

Schmitt 41-27

Job Ticket: 45975

DST#: 1

ATTN: Clayton Erickson

Test Start: 2012.06.05 @ 11:40:00

GENERAL INFORMATION:

Formation: **Kansas City "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:25:15

Time Test Ended: 21:12:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 46

Interval: **4244.00 ft (KB) To 4272.00 ft (KB) (TVD)**

Reference Elevations: 2744.00 ft (KB)

Total Depth: 4244.00 ft (KB) (TVD)

2737.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: **8675**

Inside

Press@RunDepth: 162.74 psig @ 4245.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.05

End Date:

2012.06.05

Last Calib.: 2012.06.05

Start Time: 11:40:01

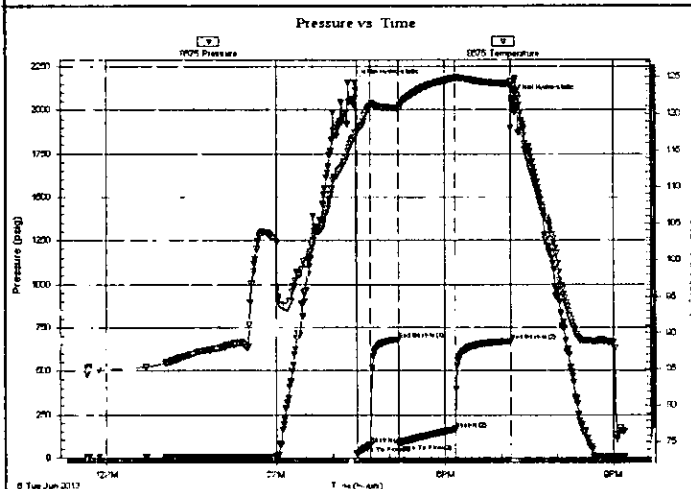
End Time:

21:12:30

Time On Btm: 2012.06.05 @ 16:23:30

Time Off Btm: 2012.06.05 @ 19:11:00

TEST COMMENT: Built to 5" blow
No return blow
B.O.B. in 43 min.
Bled off for 5 min. No return blow



PRESSURE SUMMARY

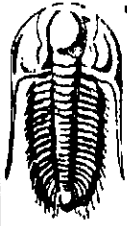
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2156.42	116.77	Initial Hydro-static
2	22.99	117.29	Open To Flow (1)
17	74.69	120.99	Shut-In(1)
47	681.13	120.72	End Shut-In(1)
47	81.31	120.50	Open To Flow (2)
107	162.74	124.78	Shut-In(2)
167	669.21	123.97	End Shut-In(2)
168	2066.18	123.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
260.00	100% Water with oil scum in top stand of 2 30	

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Flatirons Resources LLC.
303 E 17th AVE STE 940
Denver CO. 80203
ATTN: Clayton Erickson

27-16s-28w Lane, KS
Schmitt 41-27
Job Ticket: 45975 **DST#: 1**
Test Start: 2012.06.05 @ 11:40:00

Mud and Cushion Information

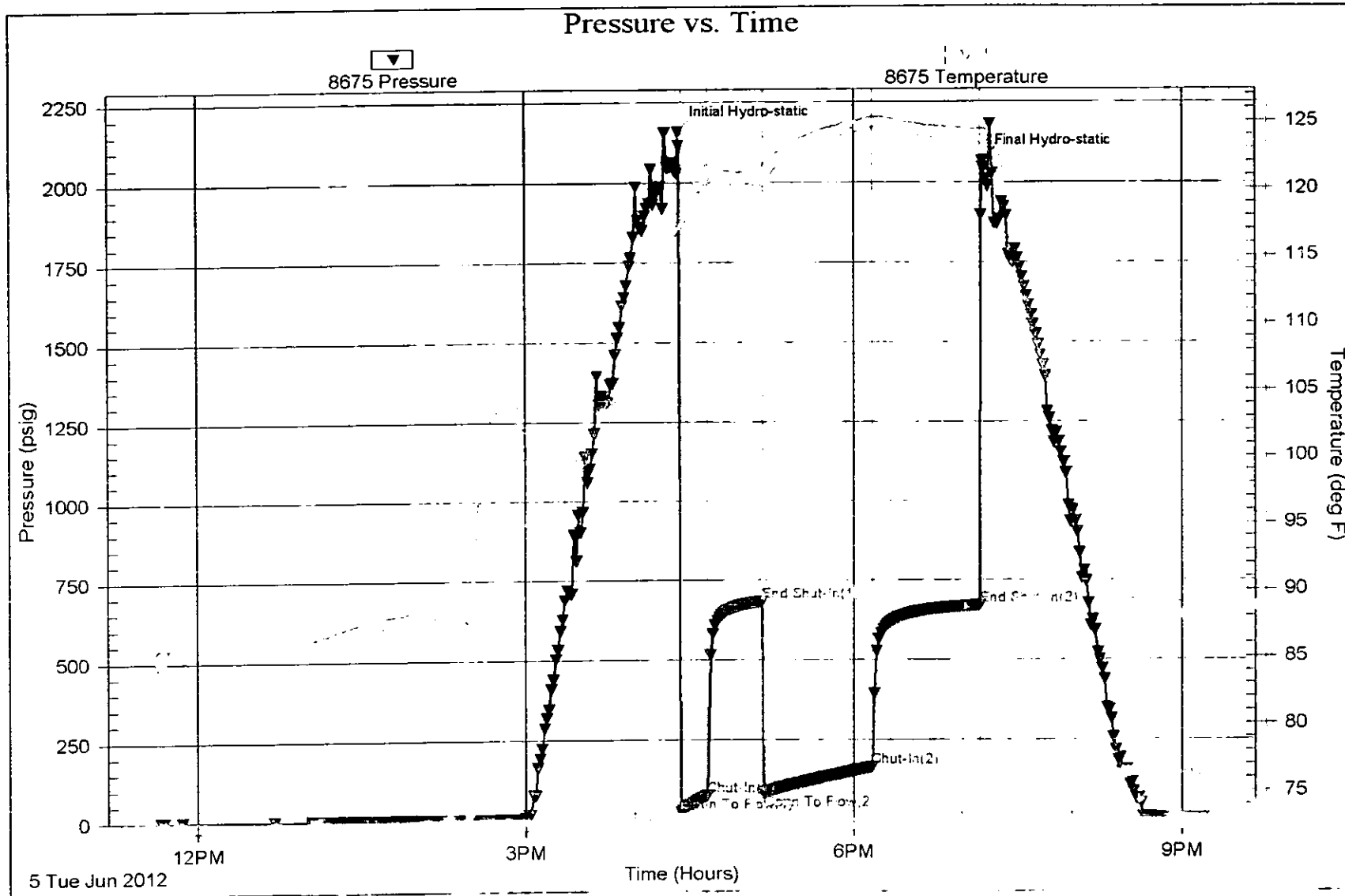
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in. ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4200.00 ppm			
Filter Cake: 1.00 inches			

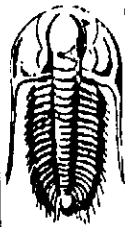
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
260.00	100% Water with oil scum in top stand of	2.302

Total Length: 260.00 ft Total Volume: 2.302 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Flatirons Resources LLC.

27-16s-28w Lane, KS

303 E 17th AVE STE 940
Denver CO. 80203

Schmitt 41-27

Job Ticket: 48301

DST#: 2

ATTN: Clayton Erickson

Test Start: 2012.06.06 @ 05:45:00

GENERAL INFORMATION:

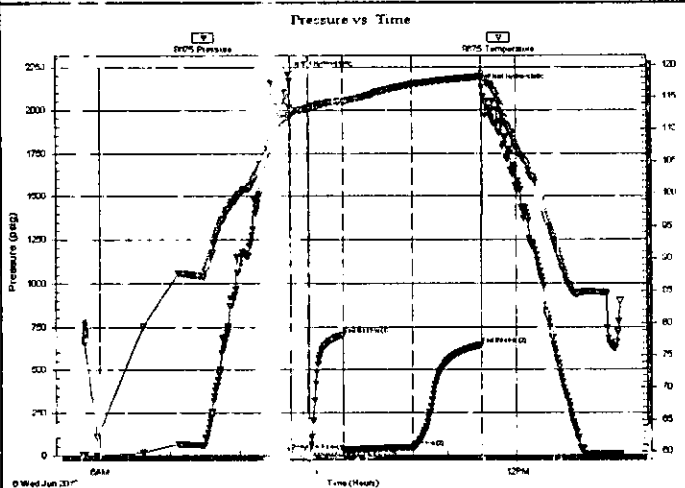
Formation: **Kansas City "L"**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: **08:43:45**
 Time Test Ended: **13:30:15**
 Interval: **4280.00 ft (KB) To 4310.00 ft (KB) (TVD)**
 Total Depth: **4310.00 ft (KB) (TVD)**
 Hole Diameter: **7.875 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Jace McKinney**
 Unit No: **46**
 Reference Elevations: **2744.00 ft (KB)**
2737.00 ft (CF)
 KB to GR/CF: **7.00 ft**

Series #: 8675

Inside

Press@RunDepth: **42.84 psig @ 4281.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **012.06.06** End Date: **2012.06.06** Last Calib.: **2012.06.06**
 Start Time: **05:45:01** End Time: **13:30:15** Time On Btm: **2012.06.06 @ 08:42:15**
 Time Off Btm: **2012.06.06 @ 11:30:15**

TEST COMMENT: Built to 1" blow
 No return blow
 Built to 1 3/4" blow
 No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2209.04	112.13	Initial Hydro-static
2	20.75	111.75	Open To Flow (1)
17	25.82	113.20	Shut-In(1)
47	703.95	114.44	End Shut-In(1)
48	28.70	114.04	Open To Flow (2)
108	42.84	116.97	Shut-In(2)
167	644.94	118.16	End Shut-In(2)
168	2129.72	118.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	100% Mid hole scum	3.20
0.00	80 Feet Gas In Pipe	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

Flatirons Resources LLC.

27-16s-28w Lane, KS

303 E 17th AVE STE 940
Denver CO. 80203

Schmitt 41-27

Job Ticket: 48301

DST#: 2

ATTN: Clayton Erickson

Test Start: 2012.06.06 @ 05:45:00

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: 65.00 sec/cst

Cushion Volume:

bbbl

Water Loss: 6.80 cc

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	100% Mud with oil sum	0.197
0.00	80 Feet Gas In Pipes	0.000

Total Length: 40.00 ft Total Volume: 0.197 bbl

Num Fluid Samples: 0

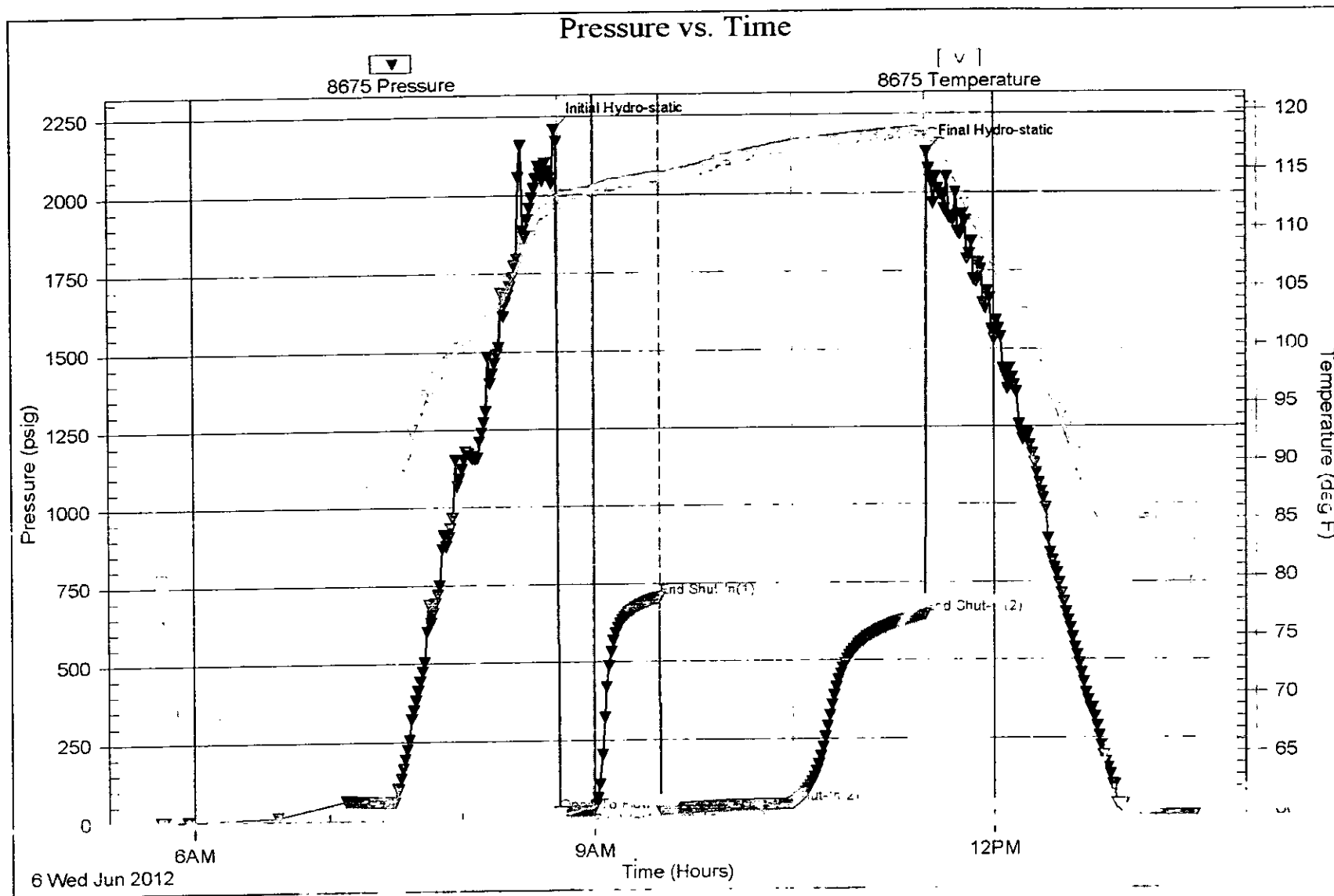
Num Gas Bombs: 0

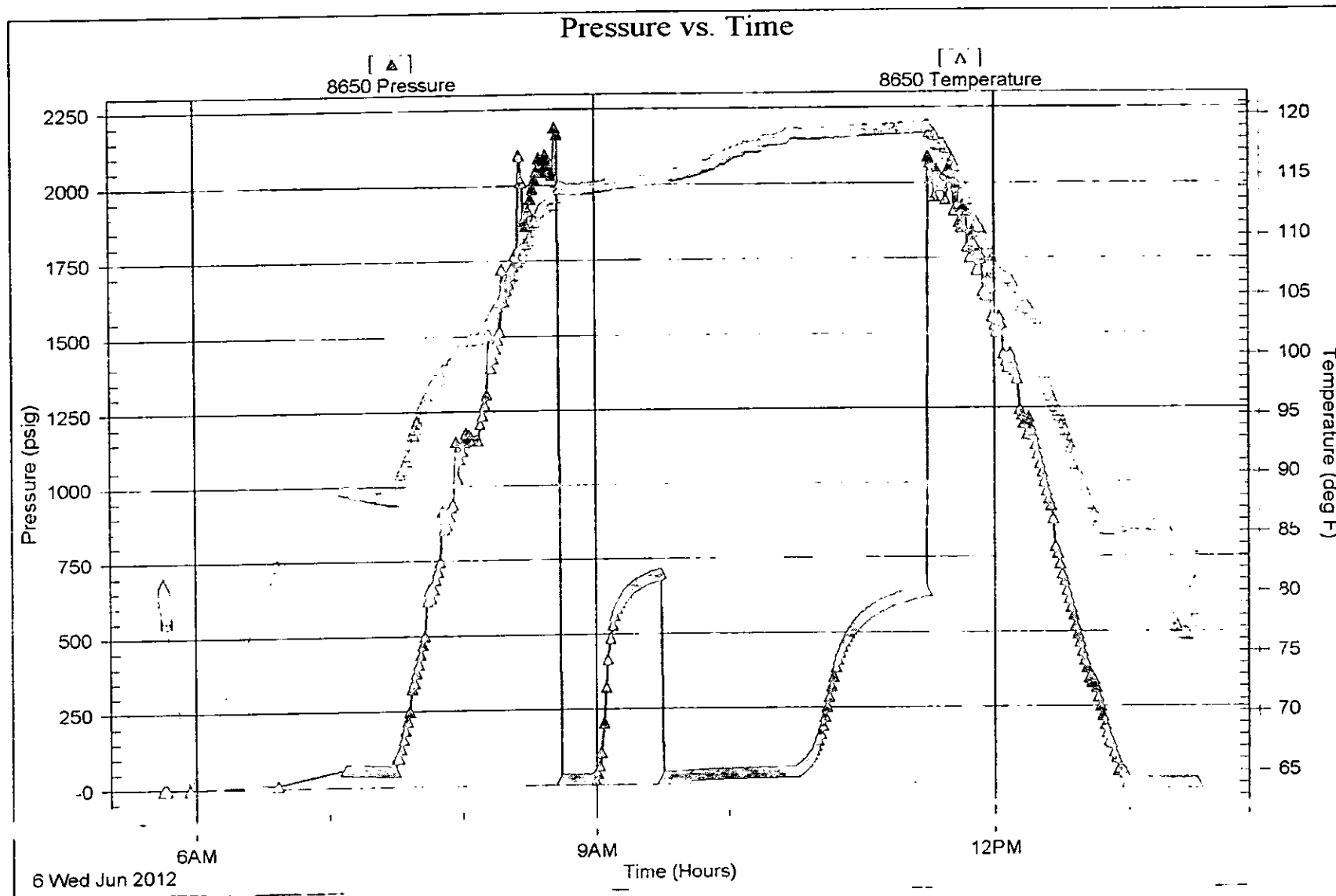
Serial #:

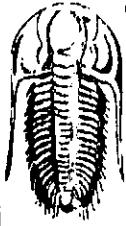
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Flatirons Resources LLC.
303 E 17th AVE STE 940
Denver CO. 80203
ATTN: Clayton Erickson

27-16s-28w Lane, KS
Schmitt 41-27
Job Ticket: 48302 **DST#: 3**
Test Start: 2012.06.07 @ 01:40:00

Mud and Cushion Information

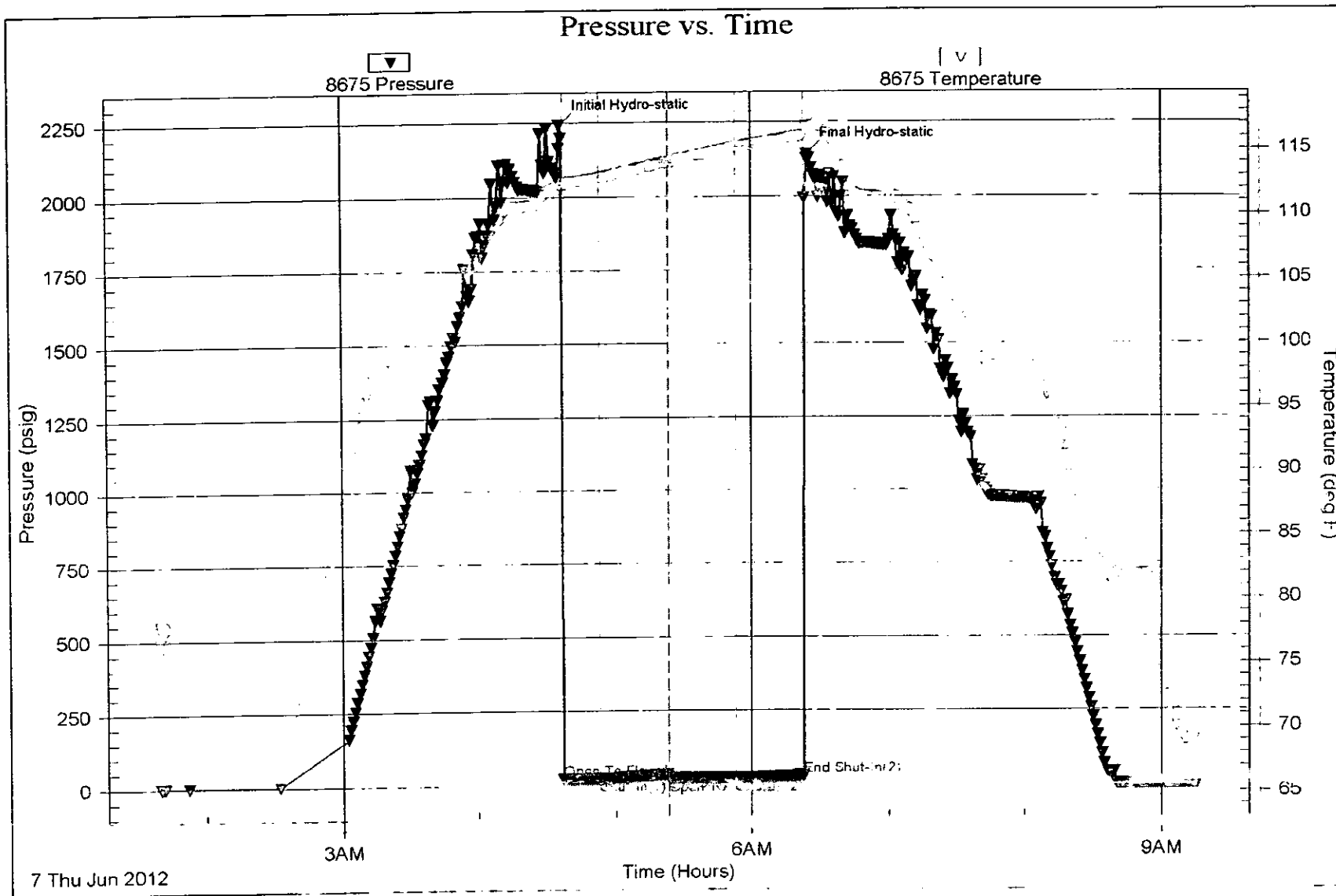
Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	67.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.39 cc/30 min	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2200.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information:

Recovery Table

Length ft	Description	Volume bbl
5.00	100% Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





ALLIED

CEMENTING CO., LLC
Cementing & Acidizing Services

CEMENTING LOG

STAGE NO.

Date 5-29-12 District Grand Bend Ticket No. 5354
 Company Mat Iron Services Rig HD 33
 Lease Schmidt Well No. 41-29
 County Lane State KS
 Location 9 miles, KS Field _____
1/2 mile North into

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8 Type NEW Weight 24 Collar STD

Casing Depths: Top KS Bottom 224

Drill Pipe: Size 4 1/2 Weight Roller Collars XH
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbbls/Lin. ft. .0637 Lin. ft./Bbl. 15.70
 Open Holes: Bbbls/Lin. ft. .1454 Lin. ft./Bbl. 6.95
 Drill Pipe: Bbbls/Lin. ft. .2142 Lin. ft./Bbl. 4.67
 Annulus: Bbbls/Lin. ft. .0735 Lin. ft./Bbl. 13.60
 Bbbls/Lin. ft. _____ Lin. ft./Bbl. _____

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type Freshwater
 Amt. 2 Skys Yield _____ ft³/sk Density 11.34 PPG

LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

TAIL: Pump Time _____ hrs. Type LT90-A
240 cc 2% gel Excess _____
 Amt. 300 Skys Yield 1.34 ft³/sk Density 11.2 PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbbls.

Pump Trucks Used 300 7.1 W.

Bulk Equip. _____

Float Equip. Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Trip _____ Btm. _____

Stage Collars _____

Special Equip _____

Disp. Fluid Type Water Amt. _____ Bbbls: Weight _____ PPG

Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Greg R.

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbls Min.	
						On location - Rig up
						field seat, injecting
						Run 8 5/8 casing
						Circulate csg. w/ rig made.
						Hook up cement pump.
						Run 5 Bbbls. ahead.
			52.73	47.93		mix 163 sks (155 gal)
						30% cc 2% gel
			66.09	43.31		displace w/ 1.31 fresh
						water
						shut in
						Rig Down

ALLIED OIL & GAS SERVICES, LLC 053545

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

SERVICE POINT: Grant County, KS

DATE <u>5-29-12</u>	SEC <u>29</u>	TWP <u>16</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Schmidt</u>	WELL # <u>41-29</u>	LOCATION <u>Shields, KS 2 1/2 east line</u>		COUNTY <u>Grant</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>				LOCATION <u>north into</u>			

CONTRACTOR <u>H-D #3</u>	OWNER <u>Flatiron Resources</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>222</u>
CASING SIZE <u>8 3/8</u>	DEPTH <u>224</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>13.51</u>	
PERFS.	
DISPLACEMENT <u>13.51 222</u>	

CEMENT	
AMOUNT ORDERED <u>700 yds</u>	
<u>Class H 20/40 70/100 gel</u>	
COMMON	@
POZMIX	@
GEL	@
CHLORIDE	@
ASC	@
HANDLING	@
MILEAGE	@
TOTAL	

EQUIPMENT

PUMP TRUCK # <u>366</u>	CEMENTER <u>Gregg</u>
BULK TRUCK # <u>317</u>	HELPER <u>Tool in.</u>
BULK TRUCK #	DRIVER <u>Alvin</u>
BULK TRUCK #	DRIVER

REMARKS:
300 on bottom, best case, w/
100 mud. Hook up cement pump
with 100 yds class H 20/40
70/100 gel. Plug up w/ 13.51
100 water. Shut in cement
100 circulate sign down
Plug down @ 10:15 pm

CHARGE TO: Flat Iron Resources

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 LEWIS WYNE TRESNER

SIGNATURE [Signature]

SERVICE

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

PLUG & FLOAT EQUIPMENT

	@
	@
	@
	@
	@
TOTAL	

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED OIL & GAS SERVICES, LLC 056212

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

SERVICE POINT:
Quest Bend

DATE <u>6-9-12</u>	SEC <u>27</u>	TWP. <u>16</u>	RANGE <u>28</u>	CALLED OUT	ON LOCATION <u>7:05 AM</u>	JOB START <u>12:50 PM</u>	JOB FINISH <u>11:30 AM</u>
LEASE <u>Schmidt</u>		WELL # <u>411-27</u>	LOCATION <u>Shank's 2E Nints</u>		COUNTY <u>Lea</u>	STATE <u>Ks</u>	

CONTRACTOR HD #3

TYPE OF JOB PTH

HOLE SIZE 7 7/8 T.D. 4650'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 2190'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 24.03

OWNER Same

CEMENT AMOUNT ORDERED 290 SK

1/2" Flo-seal

COMMON 168 SKS @ _____

POZMIX 112 SKS @ _____

GEL 11 SKS @ _____

CHLORIDE @ _____

ASC @ _____

Flo-seal 70" @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Dorian P.

298 HELPER John

BULK TRUCK

341-181 DRIVER Kurtis

BULK TRUCK

_____ DRIVER _____

HANDLING @ _____

MILEAGE @ _____

TOTAL _____

REMARKS:

mix 52 SKS Cement 2190'

mix 90 SKS Cement 1410'

mix 52 SKS Cement 720'

mix 50 SKS Cement 250'

mix 22 SKS Cement 60'

Plug Bit Hole 32 SKS Cement

Thank You

SERVICE

DEPTH OF JOB 2190'

PUMP TRUCK CHARGE # 12.25

EXTRA FOOTAGE @ _____

MILEAGE @ 19.25

MANIFOLD @ 19.25

TOTAL _____

CHARGE TO: Flatiron Resources

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

1 Top 4720 17.00 @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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 LEWIS TRENER

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS