



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

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1085293

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

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

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ 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
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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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Tengasco, Inc.
Well Name	Schneller 6
Doc ID	1085293

Tops

Name	Top	Datum
Anhydrite	1550	+640
Topeka	3222	-1032
Heebner	3451	-1261
Toronto	3473	-1283
Lansing	3492	-1302
BKC	3745	-1555
Marmaton	3758	-1568
Chert Congl.	3798	-1608
Arbuckle	3911	-1721

MUD LOG

WellSight Systems

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Schneller #6
Location: SE SW NE NE Sec 34 T12S R20W
License Number: Spud Date: 4/8/2012
Surface Coordinates: 4230' FSL & 720' FEL
Region: Ellis County, KS
Drilling Completed: 4/16/2012

Bottom Hole Coordinates:
Ground Elevation (ft): 2181
Logged Interval (ft): 3000
Formation: ARBUCKLE
Type of Drilling Fluid: Chemical
K.B. Elevation (ft): 2190
Total Depth (ft): 3990
To: TD

Printed by MUD LOG from WellSight Systems 1-800-447-1334 www.WellSight.com

OPERATOR

Company: TENGASCO, INC.
Address: 1327 Noose Rd.
Hays, KS. 67601

GEOLOGIST

Name: Mike Bair
Company: Basin Resources L.L.C.
Address: Longmont, CO.

FORMATION TOPS

FORMATION	LOG	SAMPLE
Anhydrite		1550(+640)
Base Anhy	3222(-1032)	1586(+604)
TOPEKA	3451(-1261)	3223(-1033)
HEEBNER	3473(-1283)	3452(-1262)
TORONTO	3492(-1302)	3473(-1283)
LANSING	3745(-1555)	3490(-1300)
BKC	3758(-1568)	3735(-1545)
MARMATON	3798(-1608)	3757(-1567)
Chert Congl.	3911(-1721)	3908(-1718)
ARBUCKLE	3991(-1801)	3990(-1800)
TD		

DSTs

DST #1 3510-3534; 45-45-45-45; Hydro: 1699-1632 IFP: 148-710 ISIP: 1257 FFP: 736-977 FSIP: 1259; Rec: 1209' GIP 93' 40%g 60%o 868' 10%g 30%o 40%w 20%w 600' 10%g 20%o 60%w 10%w 125' 90%w 10%w; Grav: 38 RW: .082@80F Cht: 83,000ppm; IF: BOB 1min ISL: BOB 9.5min FF: BOB 1min FSL: BOB 5.5min

DST #2 3537-3575; 45-45-45-45; Hydro: 1727-1640 IFP: 83-355 ISIP: 873 FFP: 400-523 FSIP: 873; Rec: 2' oil 194' 60%w 40%w 310' 80%w 20%w 559' 90%w 10%w 144' GIP; RW: .110@64F Cht: 75, 000ppm; IF: BOB 4.5min ISL: surface for 3min; FF: BOB 6.5min FSL: surface for 4in

DST #3 3629-3679; 30-30-30-30; Hydro: 1797-1760 IFP: 46-53 ISIP: 315 FFP: 48-46 FSIP: 259; Rec: 20' 2%o 98%w; IF: dead in 8.5min ISL: dead FF: dead in 9min FSL: dead

Comments

ROCK TYPES

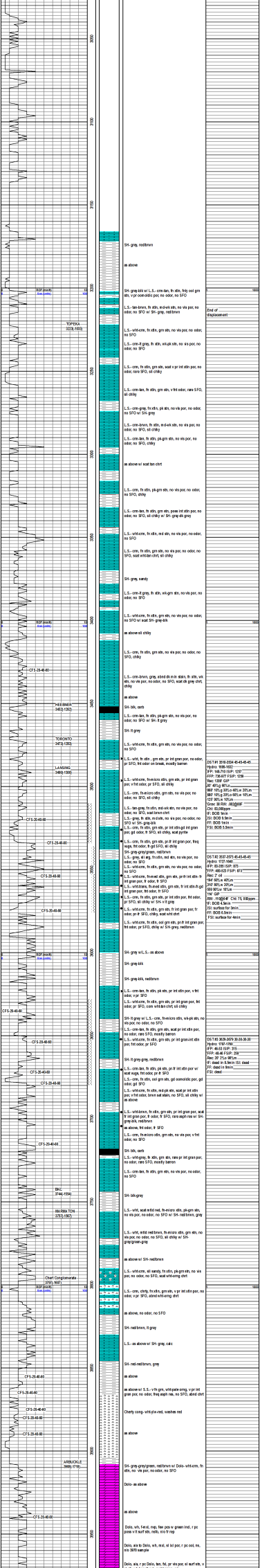
Anhy	Clyst	Gyp	Mrlst	Shgy
Bent	Coal	Lgme	Salt	Siltst
Brec	Congl	Lmst	Shale	Ss
Cht	Dol	Meta	Shcol	Tll

ACCESSORIES

<input type="checkbox"/> Anhy	<input type="checkbox"/> Gyp	<input type="checkbox"/> Fossil	<input type="checkbox"/> Ostra	<input type="checkbox"/> Siltstng
<input type="checkbox"/> Arggrm	<input type="checkbox"/> Hvymin	<input type="checkbox"/> Algae	<input type="checkbox"/> Pelec	<input type="checkbox"/> Ssstng
<input type="checkbox"/> Arg	<input type="checkbox"/> Kaol	<input type="checkbox"/> Amph	<input type="checkbox"/> Pellet	<input type="checkbox"/> Boundst
<input type="checkbox"/> Bent	<input type="checkbox"/> Marl	<input type="checkbox"/> Beim	<input type="checkbox"/> Pisolite	<input type="checkbox"/> Chalky
<input type="checkbox"/> Blt	<input type="checkbox"/> Mlnsd	<input type="checkbox"/> Bloclst	<input type="checkbox"/> Plant	<input type="checkbox"/> Cryxln
<input type="checkbox"/> Brefrag	<input type="checkbox"/> Nodule	<input type="checkbox"/> Bryozoa	<input type="checkbox"/> Strom	<input type="checkbox"/> Earthy
<input type="checkbox"/> Calc	<input type="checkbox"/> Phos	<input type="checkbox"/> Cephal	<input type="checkbox"/> STRINGER	<input type="checkbox"/> Finexln
<input type="checkbox"/> Carb	<input type="checkbox"/> Pyr	<input type="checkbox"/> Coral	<input type="checkbox"/> Anhy	<input type="checkbox"/> Gralnst
<input type="checkbox"/> Chtdk	<input type="checkbox"/> Salt	<input type="checkbox"/> Crin	<input type="checkbox"/> Arg	<input type="checkbox"/> Lithogr
<input type="checkbox"/> Chdt	<input type="checkbox"/> Sandy	<input type="checkbox"/> Echin	<input type="checkbox"/> Bent	<input type="checkbox"/> Microxln
<input type="checkbox"/> Dol	<input type="checkbox"/> Silt	<input type="checkbox"/> Fish	<input type="checkbox"/> Coal	<input type="checkbox"/> Mudst
<input type="checkbox"/> Feldspar	<input type="checkbox"/> Sil	<input type="checkbox"/> Foram	<input type="checkbox"/> Dol	<input type="checkbox"/> Packet
<input type="checkbox"/> Ferrpel	<input type="checkbox"/> Sulphur	<input type="checkbox"/> Fossil	<input type="checkbox"/> Gyp	<input type="checkbox"/> Wackest
<input type="checkbox"/> Ferr	<input type="checkbox"/> Tuff	<input type="checkbox"/> Gastro	<input type="checkbox"/> Ls	
<input type="checkbox"/> Glau		<input type="checkbox"/> Oolite	<input type="checkbox"/> Mrlst	

OTHER SYMBOLS

<input type="checkbox"/> Vuggy	<input type="checkbox"/> Spotted	<input type="checkbox"/> EVENT
<input type="checkbox"/> Earthy	<input type="checkbox"/> Rounded	<input type="checkbox"/> Rft
<input type="checkbox"/> Fenest	<input type="checkbox"/> Subrnd	<input type="checkbox"/> Sidewall
<input type="checkbox"/> Fracture	<input type="checkbox"/> Subang	
<input type="checkbox"/> Inter	<input type="checkbox"/> Angular	
<input type="checkbox"/> Moldic	<input type="checkbox"/> OIL SHOW	
<input type="checkbox"/> Organic	<input type="checkbox"/> Even	
<input type="checkbox"/> Pinpoint		



ALLIED CEMENTING CO., LLC. 034644

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
RUSSELL

DATE <u>4-9-12</u>	SEC. <u>34</u>	TWPS <u>12</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30 PM</u>	JOB FINISH <u>12 AM</u>
CHWELLER LEASE	WELL # <u>6</u>	LOCATION <u>ELLIS RD 70 N 1/2 - 25</u>			COUNTY <u>ELLIS</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)		<u>1/2" - N/w INTD</u>					

CONTRACTOR AMERICAN EAGLE #2 OWNER _____

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 268

CASING SIZE 8 7/8 DEPTH 265.51

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15 FT

PERFS. _____

DISPLACEMENT 15.95 bbl

EQUIPMENT

PUMP TRUCK CEMENTER Bob S.

409 HELPER Tony

BULK TRUCK DRIVER Robert Y

410 DRIVER _____

BULK TRUCK DRIVER _____

REMARKS:

Pumped 170 sk

CEMENT CIRCULATED TO SURFACE

CHARGE TO: TEN GAS CO

STREET _____

CITY _____ STATE _____ ZIP _____

CEMENT AMOUNT ORDERED 170 sk 3%^{ca} 2%^{6ca}

COMMON 170 @ 2.25 2762.50

POZMIX @ _____

GEL 3 @ 2.25 68.75

CHLORIDE 6 @ 58.20 349.2

ASC @ _____

HANDLING 179 @ 2.25 402.75

MILEAGE 45 x 179 x .11 886.05

TOTAL 4464.25

SERVICE

DEPTH OF JOB 265.51

PUMP TRUCK CHARGE 1125.00

EXTRA FOOTAGE @ _____

MILEAGE H 45 @ 7.00 315.00

MANIFOLD 60V m 45 @ 4.00 180.00

TOTAL 1620.00

PLUG & FLOAT EQUIPMENT

@ _____

@ _____

@ _____

@ _____

@ _____

TOTAL 0

To Allied Cementing Co., 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 _____

SIGNATURE Keith Karls

SALES TAX (If Any) 200.05

TOTAL CHARGES 6084.25

DISCOUNT 20/50 1631.16 IF PAID IN 30 DAYS

ALLIED OIL & GAS SERVICES, LLC 056393

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell KS

DATE <u>7-24-10</u>	SEC. <u>34</u>	TWP. <u>12</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00 PM</u>	JOB FINISH <u>3:30 PM</u>
LEASE <u>Schell</u>		WELL # <u>#0</u>	LOCATION <u>Ellis 1/2N 2E 1/2N 4W</u>		COUNTY <u>Ellis</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>Fisher Well Service (Francis)</u>		OWNER
TYPE OF JOB <u>Open Port Collar (Circ. Cement)</u>		CEMENT <u>USED 175 SX</u>
HOLE SIZE <u>5 1/2 Set @ T.D. 3765</u>	CASING SIZE <u>5 1/2</u>	DEPTH <u>PB TO 3719</u>
TUBING SIZE <u>2 7/8</u>	DEPTH	AMOUNT ORDERED <u>300 SX @ 40 4% Gal</u>
DRILL PIPE	DEPTH	<u>1/4" # F10 Seal</u>
TOOL <u>Port Collar @</u>	DEPTH <u>1568'</u>	PER SX
PRES. MAX	MINIMUM	COMMON <u>105 SX @ 16.25 1706.25</u>
MEAS. LINE	SHOE JOINT	POZMIX <u>70 SX @ 8.50 595.00</u>
CEMENT LEFT IN CSG.		GEL <u>7 SX @ 21.25 148.75</u>
PERFS.		CHLORIDE
DISPLACEMENT <u>T=900' Give 8' per</u>		ASC
EQUIPMENT		<u>F10 Seal 50 LBS @ 2.70 135.00</u>
PUMP TRUCK	CEMENTER <u>Glenn G.</u>	
# <u>417</u>	HELPER <u>Woody O.</u>	
BULK TRUCK		
# <u>473</u>	DRIVER <u>Robert Y.</u>	
BULK TRUCK		
#	DRIVER	
HANDLING <u>182 Total SX @ 2.25 409.50</u>		
MILEAGE <u>48 Ton Mile @ 19.00 912.00</u>		
TOTAL <u>3955.46</u>		

REMARKS:

Port Collar @ 1568' Load CSG. Test
To 800# (HOLD), OPEN PC, & Reviewed Way.
Good Circulation, Mixed 175 SX Cement, &
Displaced 800# Behind. Closed PC,
+ Check To 800# (HOLD), Run
5 JOINTS OF 2 7/8 TUBING & WASHED
Clears Cement To SURFACE
1 HOUR

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>2225.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>48 HV MI @ 2.00</u>		<u>336.00</u>
MANIFOLD	@	
<u>48 LV MI @ 4.00</u>		<u>192.00</u>
	@	

TOTAL 2753.00

CHARGE TO: TENGASCO Inc.

STREET _____

CITY _____ STATE _____ ZIP _____

* State Rep. Marvin Mills on location

Cement did circulate to surface
(175 SX)

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 _____

SIGNATURE Hay Wagun

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

SALES TAX (If Any) 162.85

TOTAL CHARGES 6708.46

DISCOUNT 20/50 1788.38 IF PAID IN 30 DAYS

ALLIED OIL & GAS SERVICES, LLC 056386

Federal Tax I.D.# 20-5975804

MITTO P.O. BOX 31
RUSSELL, KANSAS 67065

SERVICE POINT:
Russell Ks.

DATE <u>4-17-12</u>	SEC	TWP. <u>12</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>6:30 AM</u>	JOB FINISH <u>7:00 AM</u>
LEASE <u>Chandler</u>	WELL# <u>6</u>	LOCATION <u>ELLIS KANSAS 1/2 N 2 E 1/2 N 1/4 W</u>		COUNTY <u>ELLIS</u>	STATE <u>KANSAS</u>		

CONTRACTOR HA DRLO. RIG #3 OWNER _____

TYPE OF JOB PAODUCTION STRING CEMENT _____

HOLE SIZE 7 7/8 T.D. 3991 AMOUNT ORDERED 180 SX ASC.

CASING SIZE 5 1/2 New DEPTH 3765 ³⁷⁶⁷ 500 GAL WFR² mud FLUSH

TUBING SIZE 14" CSG DEPTH _____

DEEP-PIPE LATCH DN. Plug DEPTH 3723

TOOL PORT Collar DEPTH 1570

PRES. MAX 1800 MINIMUM _____

MEAS. LINE 8 5/8 @ 268' SHOE JOINT 42

CEMENT LEFT IN CSG. 42

PERFS. _____

DISPLACEMENT 90.89 / BBL

226' off Bottom EQUIPMENT _____

PUMP TRUCK CEMENTER Glen G.

417 HELPER ROBERT Y.

BULK TRUCK _____

481 DRIVER CHRIS G.

BULK TRUCK _____

DRIVER _____

REMARKS: Port Collar on # (53) 1570

Ran 90 New Joints of 14" 5 1/2 csg.
Set @ 3765, Received Circulation
4.5 min. Drop Packer Shoe Ball & ORN @
1800# Circulate Another 30 min.
Mixed 150 SX ASC. Clear Line, Release LATCH
Down Plug & Displace 90 BBL / 170' Land
@ 1800# Release # & Plug (Held)
30 SX @ Rat Hole

COMMON	@		
POZMIX	@		
GEL	<u>4 SX</u>	@ <u>21.25</u>	<u>85.00</u>
CHLORIDE	@		
ASC	<u>180 SX</u>	@ <u>19.00</u>	<u>3420.00</u>
SALT	<u>2.0 SX</u>	@ <u>23.95</u>	<u>479.00</u>
Gyp Seal	<u>22 SX</u>	@ <u>34.20</u>	<u>752.40</u>
	@		
	@		
	@		
	@		
	@		
HANDLING <u>226 Total SX</u>	@ <u>2.25</u>		<u>508.50</u>
MILEAGE <u>43 Ton Mile</u>	@ <u>11¢</u>		<u>1068.98</u>
TOTAL			<u>6313.88</u>

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>2225.00</u>
EXTRA FOOTAGE	@		
MILEAGE <u>43 NY MI.</u>	@ <u>7.00</u>		<u>301.00</u>
MANIFOLD	@		
<u>43 LY ME</u>	@ <u>4.00</u>		<u>172.00</u>
	@		

TOTAL 2698.00

PLUG & FLOAT EQUIPMENT

IR	Packer Shoe	@	<u>2832.00</u>
IR	LATCH Down Plug Assy	@	<u>184.00</u>
W	1-Basket	@	<u>236.00</u>
W	S-Centralizers	@ <u>34.00</u>	<u>170.00</u>
IR	1-PORT Collar	@	<u>1820.00</u>
TOTAL			<u>5242.00</u>

SALES TAX (If Any) 628.63

TOTAL CHARGES 14253.88

DISCOUNT 20/50 3313.37 IF PAID IN 30 DAYS

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 _____

SIGNATURE _____

ALLIED OIL & GAS SERVICES, LLC 056386

Federal Tax I.D.# 20-5975804

MIT TO P.O. BOX 31
RUSSELL, KANSAS 67065

SERVICE POINT:
Russell Ks.

DATE <u>4-17-12</u>	SEC. <u>34</u>	TWP. <u>12</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>6:30 AM</u>	JOB FINISH <u>7:00 AM</u>
CHNeller LEASE	WELL# <u>6</u>	LOCATION <u>ELLIS KANSAS 1/2 N 2 E 1/2 N 1/4 W</u>	COUNTY <u>ELLIS</u>	STATE <u>KANSAS</u>			

CONTRACTOR HA DRLO. RIG #3 OWNER _____

TYPE OF JOB PAODUCTION STAINING CEMENT _____

HOLE SIZE 7 7/8 I.D. 3991 AMOUNT ORDERED 180 SX ASC.

CASING SIZE 5 1/2 New DEPTH 3765 ³⁷⁶⁷ 500 GAL WFR² Mud Flush

TUBING SIZE 14" CSG DEPTH _____

PIPE LATCH DN. Plug DEPTH 3723

TOOL PORT Collar DEPTH 1570

PRES. MAX 1800 MINIMUM _____

MEAS. LINE 8 5/8 @ 268' SHOEJOINT 42

CEMENT LEFT IN CSG. 42

PERFS. _____

DISPLACEMENT 90.87 / BBL

(226' off Bottom) EQUIPMENT _____

PUMP TRUCK CEMENTER Glen G.

417 HELPER ROBERT Y.

BULK TRUCK _____

481 DRIVER CHRIS G.

BULK TRUCK _____

DRIVER _____

REMARKS: Port Collar on # (53) 1570

Ran 90 New Joints of 14" 5 1/2 CSG.
Set @ 3765, Received Circulation
4.5 min. Drop Packer Shoe Ball & OPEN @
1800# Circulate Another 30 min.
Mixed 150 SX ASC, Clear Line, Release LATCH
Down Plug & Displace 90 BBL / 170' LAND
@ 1800# Release # & Plug (HLD)
30 SX @ Rat Hole

COMMON	@		
POZMIX	@		
GEL	@	<u>4 SX</u>	<u>21.25 85.00</u>
CHLORIDE	@		
ASC	@	<u>180 SX</u>	<u>19.00 3420.00</u>
SALT	@	<u>2.0 SX</u>	<u>23.95 479.00</u>
Gyp Seal	@	<u>22 SX</u>	<u>34.20 752.40</u>
HANDLING	@	<u>226 Total SX</u>	<u>2.25 508.50</u>
MILEAGE	@	<u>43 Ton Mile</u>	<u>11E 1068.98</u>
TOTAL			<u>6313.88</u>

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>2225.00</u>
EXTRA FOOTAGE	@	
MILEAGE	@	<u>43 NY MI. 7.00 301.00</u>
MANIFOLD	@	
	@	<u>43 LY ME 4.00 172.00</u>

TOTAL 2698.00

PLUG & FLOAT EQUIPMENT

IR	Packer Shoe	@	<u>2832.00</u>
IR	LATCH Down Plug Assy	@	<u>184.00</u>
W	1-BASKET	@	<u>236.00</u>
W	S-CENTRALIZERS	@	<u>34.00 170.00</u>
IR	1-PORT COLLAR	@	<u>1820.00</u>

TOTAL 5242.00

SALES TAX (If Any) 628.63

TOTAL CHARGES 14253.88

DISCOUNT 20/50 3313.37 IF PAID IN 30 DAYS

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 _____

SIGNATURE Keith Karlen



DRILL STEM TEST REPORT

Prepared For: **Tengasco, Inc.**

1327 Moose Rd.
Hays, KS 67601

ATTN: Clayton Erickson

Schneller #6

34-12s-20w Ellis,KS

Start Date: 2012.04.13 @ 07:08:05

End Date: 2012.04.13 @ 15:48:05

Job Ticket #: 47214 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.04.18 @ 16:12:19

Tengasco, Inc. 34-12s-20w Ellis,KS Schneller #6 DST # 1 LKC "C" 2012.04.13



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Tengasco, Inc.

34-12s-20w Ellis,KS

1327 Noose Rd.
Hays, KS 67601

Schneller #6

Job Ticket: 47214

DST#: 1

ATTN: Clayton Erickson

Test Start: 2012.04.13 @ 07:08:05

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:05:25

Time Test Ended: 15:48:05

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

Interval: 3510.00 ft (KB) To 3534.00 ft (KB) (TVD)

Reference Elevations: 2194.00 ft (KB)

Total Depth: 3534.00 ft (KB) (TVD)

2185.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8354

Inside

Press @ Run Depth: 976.84 psig @ 3511.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.13

End Date: 2012.04.13

Last Calib.: 2012.04.13

Start Time: 07:18:05

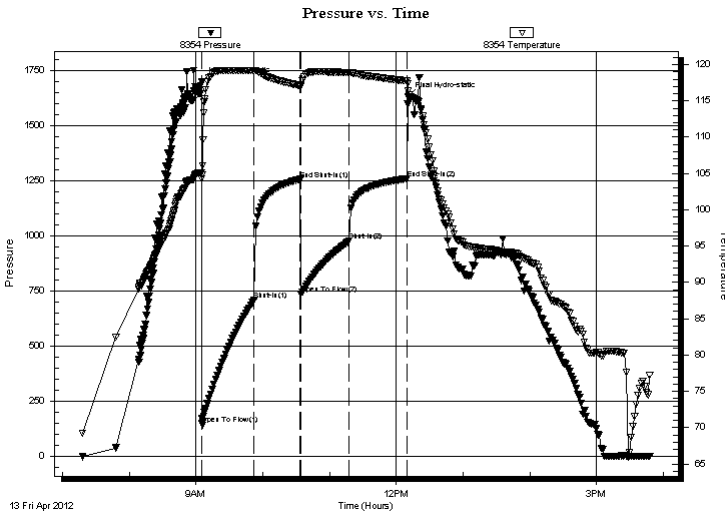
End Time: 15:48:05

Time On Btm: 2012.04.13 @ 09:05:05

Time Off Btm: 2012.04.13 @ 12:10:35

TEST COMMENT: IF-Strong building blow . BOB in 1 minute.
ISI-Return @ 15 seconds. BOB in 9 minutes 30 seconds.
FF-Strong building blow . BOB in 1 minute.
FSI-Return @ 15 seconds. BOB in 5 minutes 30 seconds.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1699.44	105.09	Initial Hydro-static
1	147.97	104.82	Open To Flow (1)
47	709.80	119.13	Shut-In(1)
89	1257.44	117.10	End Shut-In(1)
89	735.98	117.00	Open To Flow (2)
133	976.84	118.88	Shut-In(2)
185	1259.49	117.73	End Shut-In(2)
186	1631.56	116.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	90%Water/10%Mud	0.61
680.00	10%Gas/20%Oil/60%Water/10%Mud	7.86
868.00	10%Gas/30%Oil/40%Water/20%Mud	12.18
93.00	40%Gas/60%Oil	1.30
0.00	1209' G.I.P.	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco, Inc.

34-12s-20w Ellis, KS

1327 Noose Rd.
Hays, KS 67601

Schneller #6

Job Ticket: 47214

DST#: 1

ATTN: Clayton Erickson

Test Start: 2012.04.13 @ 07:08:05

Tool Information

Drill Pipe:	Length: 3197.00 ft	Diameter: 3.80 inches	Volume: 44.85 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 26000.00 lb
Drill Collar:	Length: 309.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 5000.00 lb
			<u>Total Volume: 46.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	3510.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3483.00	
Shut In Tool	5.00			3488.00	
Hydraulic tool	5.00			3493.00	
Jars	5.00			3498.00	
Safety Joint	3.00			3501.00	
Packer	5.00			3506.00	28.00 Bottom Of Top Packer
Packer	4.00			3510.00	
Stubb	1.00			3511.00	
Recorder	0.00	8354	Inside	3511.00	
Recorder	0.00	8520	Outside	3511.00	
Perforations	20.00			3531.00	
Bullnose	3.00			3534.00	24.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco, Inc.

34-12s-20w Ellis,KS

1327 Noose Rd.
Hays, KS 67601

Schneller #6

Job Ticket: 47214

DST#: 1

ATTN: Clayton Erickson

Test Start: 2012.04.13 @ 07:08:05

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:

83000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.19 in³

Gas Cushion Type:

Resistivity: 0.08 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
125.00	90%Water/10%Mud	0.615
680.00	10%Gas/20%Oil/60%Water/10%Mud	7.862
868.00	10%Gas/30%Oil/40%Water/20%Mud	12.176
93.00	40%Gas/60%Oil	1.305
0.00	1209' G.I.P.	0.000

Total Length: 1766.00 ft

Total Volume: 21.958 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

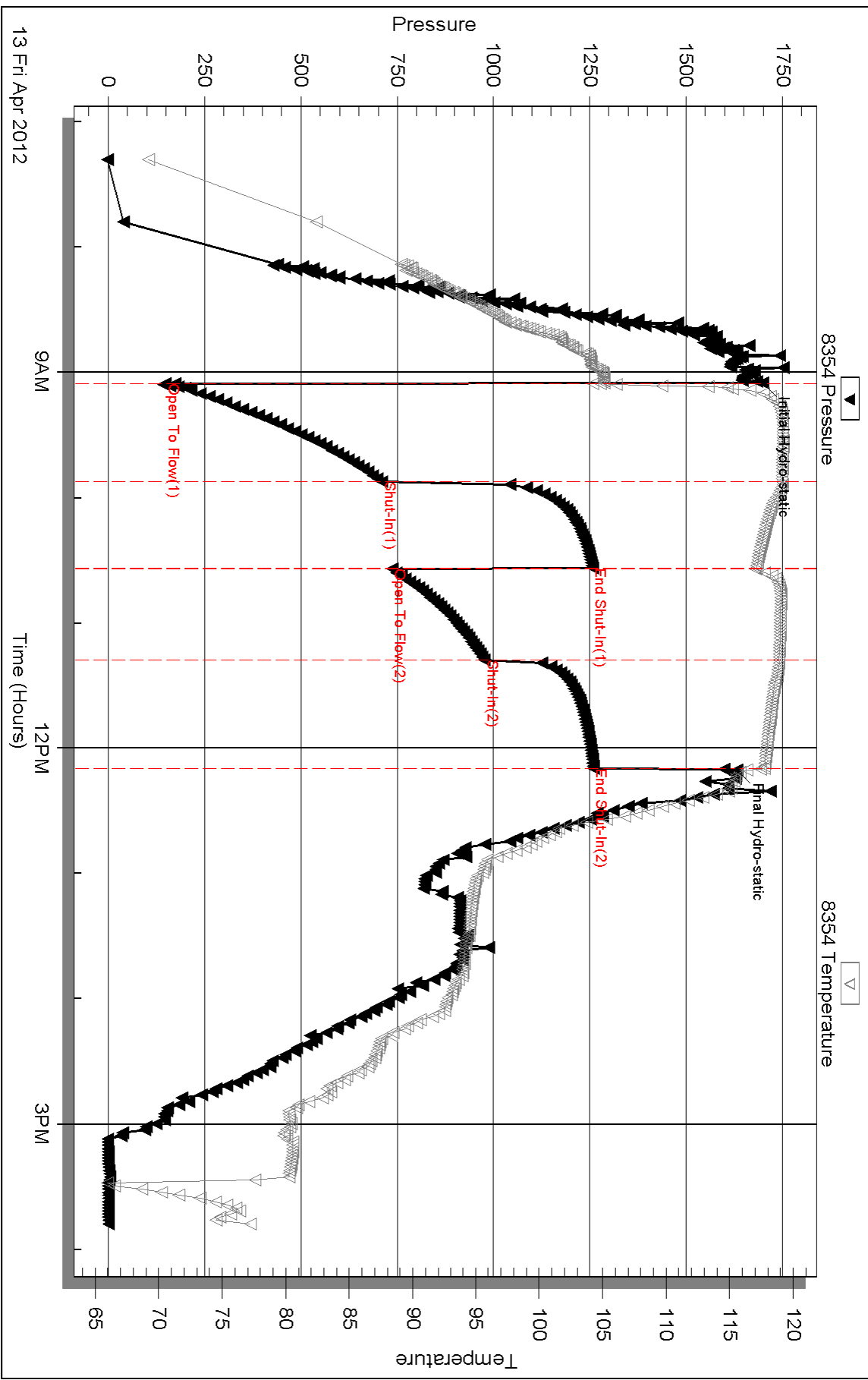
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

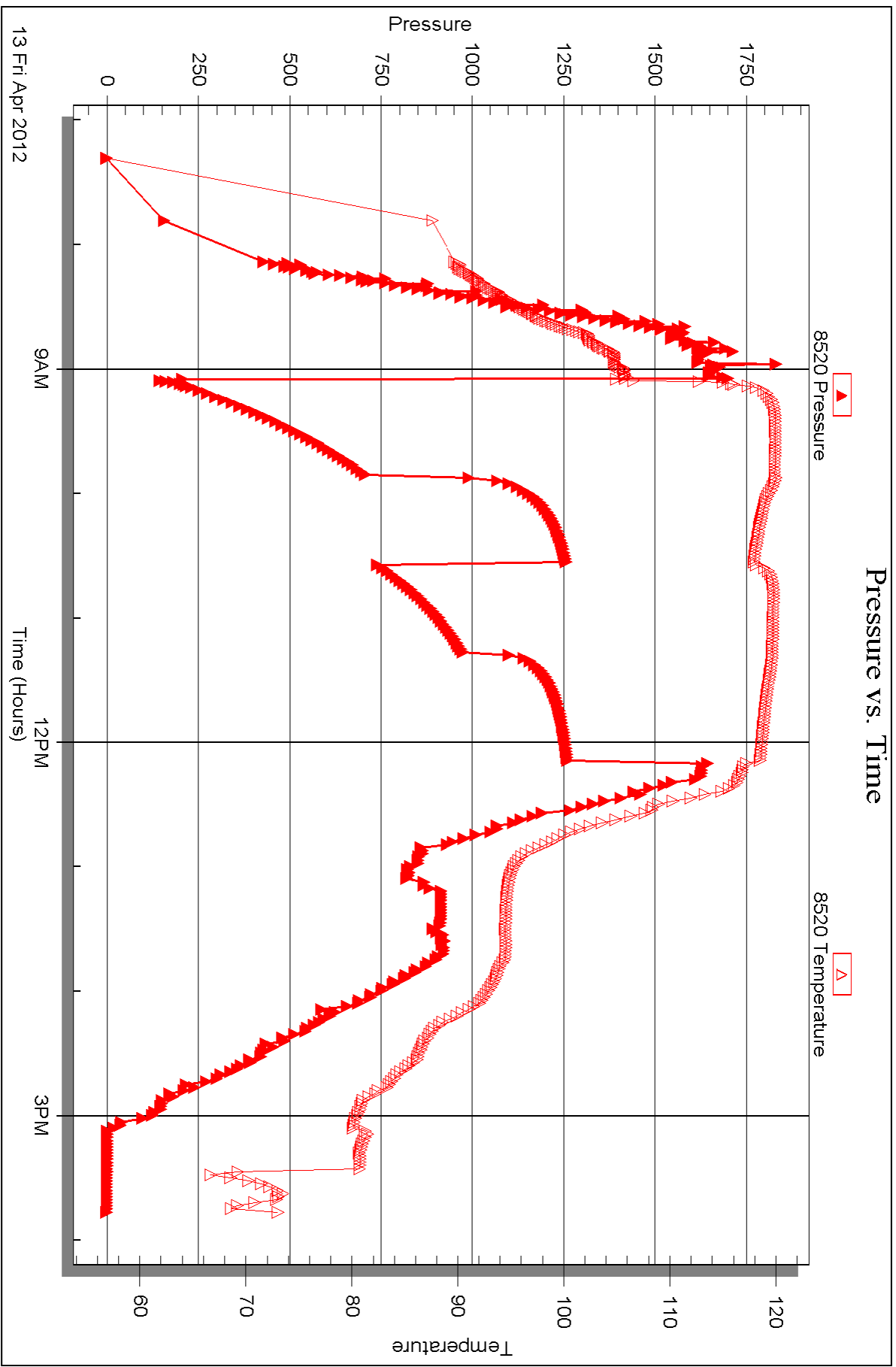


Serial #: 8520

Outside Tengasco, Inc.

Schneller #6

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Tengasco, Inc.**

1327 Moose Rd.
Hays, KS 67601

ATTN: Clayton Erickson

Schneller #6

34-12s-20w Ellis,KS

Start Date: 2012.04.14 @ 01:47:15

End Date: 2012.04.14 @ 09:19:45

Job Ticket #: 47215 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.04.18 @ 16:10:53



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Tengasco, Inc.

34-12s-20w Ellis,KS

1327 Noose Rd.
Hays, KS 67601

Schneller #6

Job Ticket: 47215

DST#: 2

ATTN: Clayton Erickson

Test Start: 2012.04.14 @ 01:47:15

GENERAL INFORMATION:

Formation: **LKC "D-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:53:45

Time Test Ended: 09:19:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

Interval: 3537.00 ft (KB) To 3575.00 ft (KB) (TVD)

Reference Elevations: 2194.00 ft (KB)

Total Depth: 3575.00 ft (KB) (TVD)

2185.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8354

Inside

Press @ Run Depth: 523.46 psig @ 3539.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.14

End Date:

2012.04.14

Last Calib.:

2012.04.14

Start Time:

01:57:15

End Time:

09:19:45

Time On Btm:

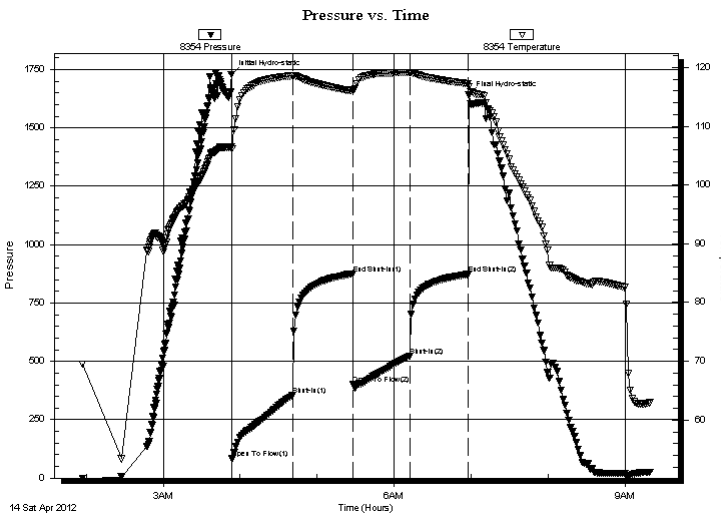
2012.04.14 @ 03:53:15

Time Off Btm:

2012.04.14 @ 06:58:15

TEST COMMENT: IF-Strong building blow . BOB in 4 minutes 30 seconds.
ISI-Weak surface return for 3 minutes.
FF-Strong building blow . BOB in 6 minutes 30 seconds.
FSI-Weak surface return for 4 minutes.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1727.07	106.56	Initial Hydro-static
1	82.80	106.18	Open To Flow (1)
48	354.68	118.57	Shut-In(1)
95	873.37	115.96	End Shut-In(1)
95	400.49	116.26	Open To Flow (2)
139	523.46	119.11	Shut-In(2)
185	873.03	117.23	End Shut-In(2)
185	1639.98	116.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
559.00	90%Water/10%Mud	5.03
310.00	80%Water/20%Mud	4.35
194.00	60%Water/40%Mud	2.72
2.00	100%Oil	0.03
0.00	114' G.I.P.	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco, Inc.

34-12s-20w Ellis,KS

1327 Noose Rd.
Hays, KS 67601

Schneller #6

Job Ticket: 47215

DST#: 2

ATTN: Clayton Erickson

Test Start: 2012.04.14 @ 01:47:15

Tool Information

Drill Pipe:	Length: 3231.00 ft	Diameter: 3.80 inches	Volume: 45.32 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	26000.00 lb
Drill Collar:	Length: 309.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose:	5000.00 lb
			<u>Total Volume: 46.84 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	66000.00 lb
Depth to Top Packer:	3537.00 ft			Final	71000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	38.00 ft				
Tool Length:	66.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3510.00	
Shut In Tool	5.00			3515.00	
Hydraulic tool	5.00			3520.00	
Jars	5.00			3525.00	
Safety Joint	3.00			3528.00	
Packer	5.00			3533.00	28.00 Bottom Of Top Packer
Packer	4.00			3537.00	
Stubb	1.00			3538.00	
Perforations	1.00			3539.00	
Recorder	0.00	8354	Inside	3539.00	
Recorder	0.00	8520	Outside	3539.00	
Perforations	33.00			3572.00	
Bullnose	3.00			3575.00	38.00 Bottom Packers & Anchor

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco, Inc.

34-12s-20w Ellis,KS

1327 Noose Rd.
Hays, KS 67601

Schneller #6

Job Ticket: 47215

DST#: 2

ATTN: Clayton Erickson

Test Start: 2012.04.14 @ 01:47:15

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:

75000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.19 in³

Gas Cushion Type:

Resistivity: 0.11 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
559.00	90%Water/10%Mud	5.026
310.00	80%Water/20%Mud	4.348
194.00	60%Water/40%Mud	2.721
2.00	100%Oil	0.028
0.00	114' G.I.P.	0.000

Total Length: 1065.00 ft

Total Volume: 12.123 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8354

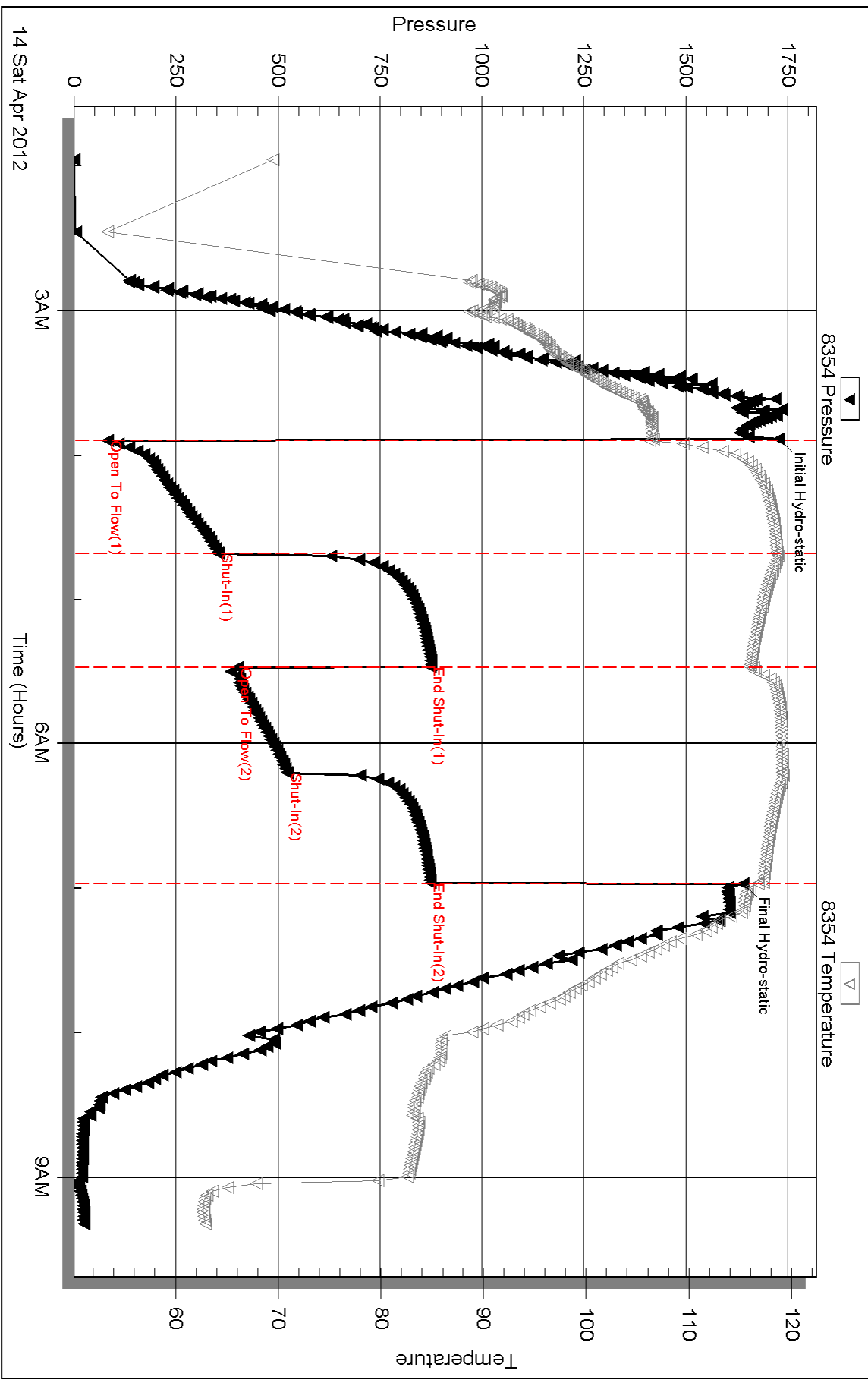
Inside

Tengasco, Inc.

Schneller #6

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 47215

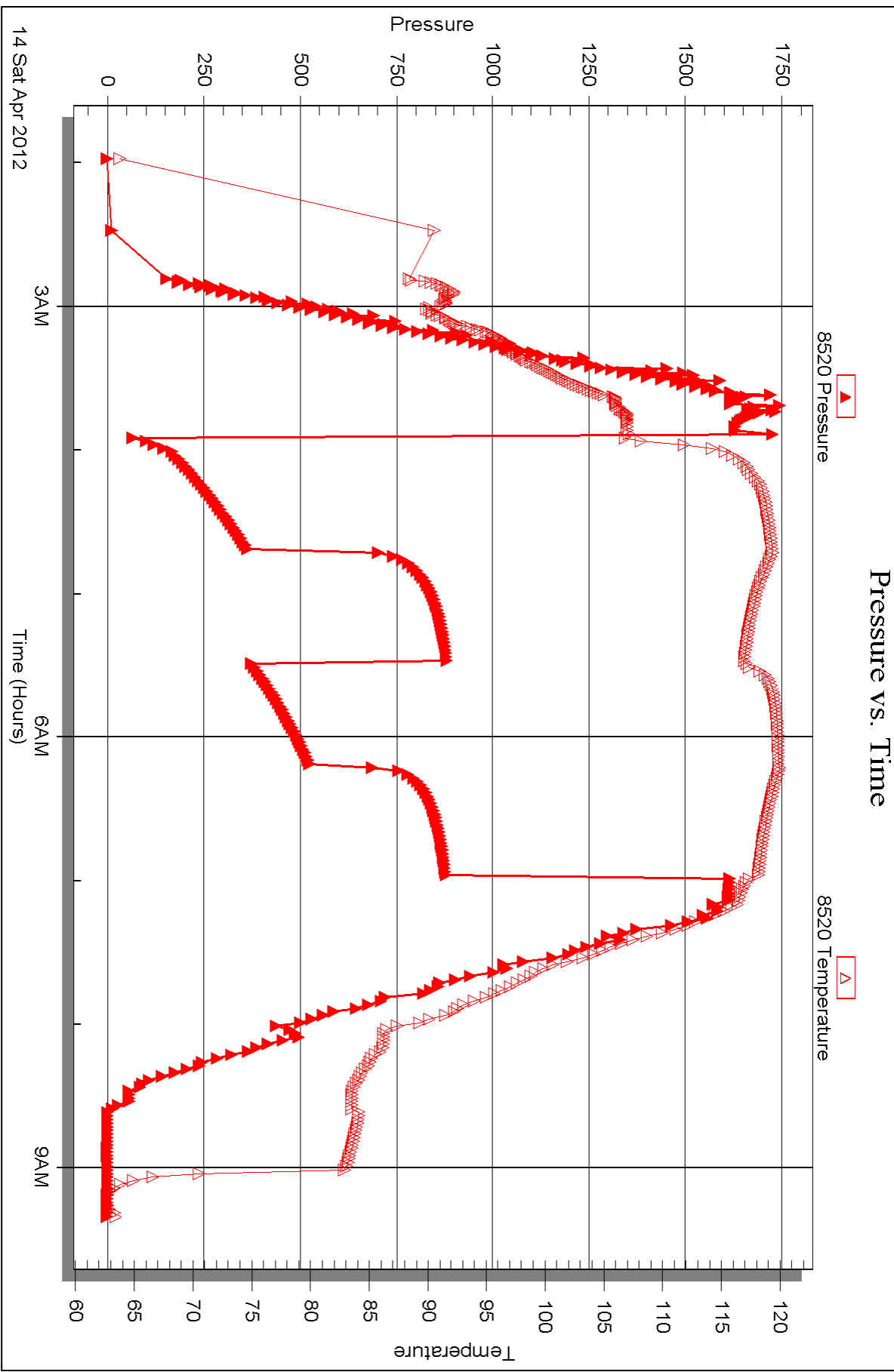
Printed: 2012.04.18 @ 16:10:55

Serial #: 8520

Outside Tengasco, Inc.

Schneller #6

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Tengasco, Inc.**

1327 Moose Rd.
Hays, KS 67601

ATTN: Clayton Erickson

Schneller #6

34-12s-20w Ellis,KS

Start Date: 2012.04.15 @ 01:05:15

End Date: 2012.04.15 @ 06:50:45

Job Ticket #: 47216 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.04.18 @ 16:09:29

Tengasco, Inc.
34-12s-20w Ellis,KS
Schneller #6
DST # 3
LKC "1&J"
2012.04.15



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Tengasco, Inc.

34-12s-20w Ellis,KS

1327 Noose Rd.
Hays, KS 67601

Schneller #6

Job Ticket: 47216

DST#: 3

ATTN: Clayton Erickson

Test Start: 2012.04.15 @ 01:05:15

GENERAL INFORMATION:

Formation: **LKC "I&J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:51:15

Time Test Ended: 06:50:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

Interval: 3629.00 ft (KB) To 3679.00 ft (KB) (TVD)

Reference Elevations: 2194.00 ft (KB)

Total Depth: 3679.00 ft (KB) (TVD)

2185.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8354

Inside

Press @ Run Depth: 45.55 psig @ 3666.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.15

End Date: 2012.04.15

Last Calib.: 2012.04.15

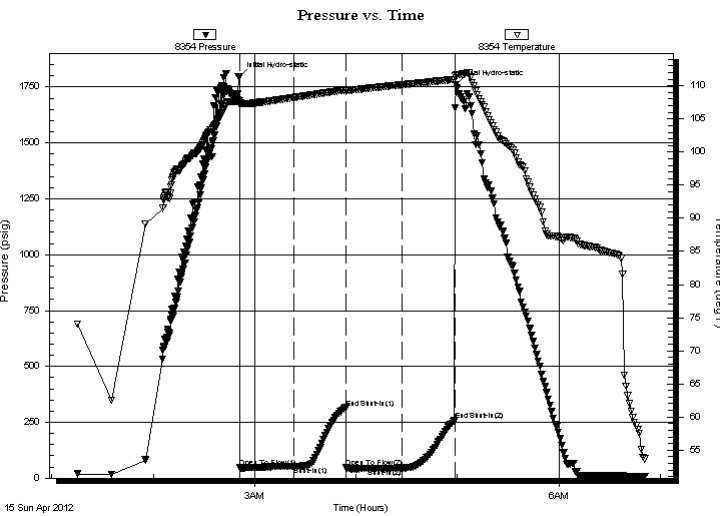
Start Time: 01:15:15

End Time: 06:50:45

Time On Btm: 2012.04.15 @ 02:51:05

Time Off Btm: 2012.04.15 @ 04:59:15

TEST COMMENT: IF-Very weak surface blow . Died @ 8 minutes 30 seconds.
 IS-No Return.
 FF-Very weak surface blow . Died @ 9 minutes.
 FS-No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1797.29	107.79	Initial Hydro-static
1	46.20	107.13	Open To Flow (1)
33	52.94	108.24	Shut-In(1)
63	315.08	109.36	End Shut-In(1)
64	47.88	109.30	Open To Flow (2)
97	45.55	110.17	Shut-In(2)
128	258.77	110.97	End Shut-In(2)
129	1760.28	111.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	2%Oil/98%Mud	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco, Inc.

34-12s-20w Ellis,KS

1327 Noose Rd.
Hays, KS 67601

Schneller #6

Job Ticket: 47216

DST#: 3

ATTN: Clayton Erickson

Test Start: 2012.04.15 @ 01:05:15

Tool Information

Drill Pipe:	Length: 3323.00 ft	Diameter: 3.80 inches	Volume: 46.61 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	26000.00 lb
Drill Collar:	Length: 309.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose:	5000.00 lb
			<u>Total Volume: 48.13 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	66000.00 lb
Depth to Top Packer:	3629.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	50.00 ft				
Tool Length:	78.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3602.00	
Shut In Tool	5.00			3607.00	
Hydraulic tool	5.00			3612.00	
Jars	5.00			3617.00	
Safety Joint	3.00			3620.00	
Packer	5.00			3625.00	28.00 Bottom Of Top Packer
Packer	4.00			3629.00	
Stubb	1.00			3630.00	
Perforations	3.00			3633.00	
Change Over Sub	1.00			3634.00	
Drill Pipe	31.00			3665.00	
Change Over Sub	1.00			3666.00	
Recorder	0.00	8354	Inside	3666.00	
Recorder	0.00	8520	Outside	3666.00	
Perforations	10.00			3676.00	
Bullnose	3.00			3679.00	50.00 Bottom Packers & Anchor
Total Tool Length:	78.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco, Inc.

34-12s-20w Ellis,KS

1327 Noose Rd.
Hays, KS 67601

Schneller #6

Job Ticket: 47216

DST#: 3

ATTN: Clayton Erickson

Test Start: 2012.04.15 @ 01:05:15

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:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	2%Oil/98%Mud	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

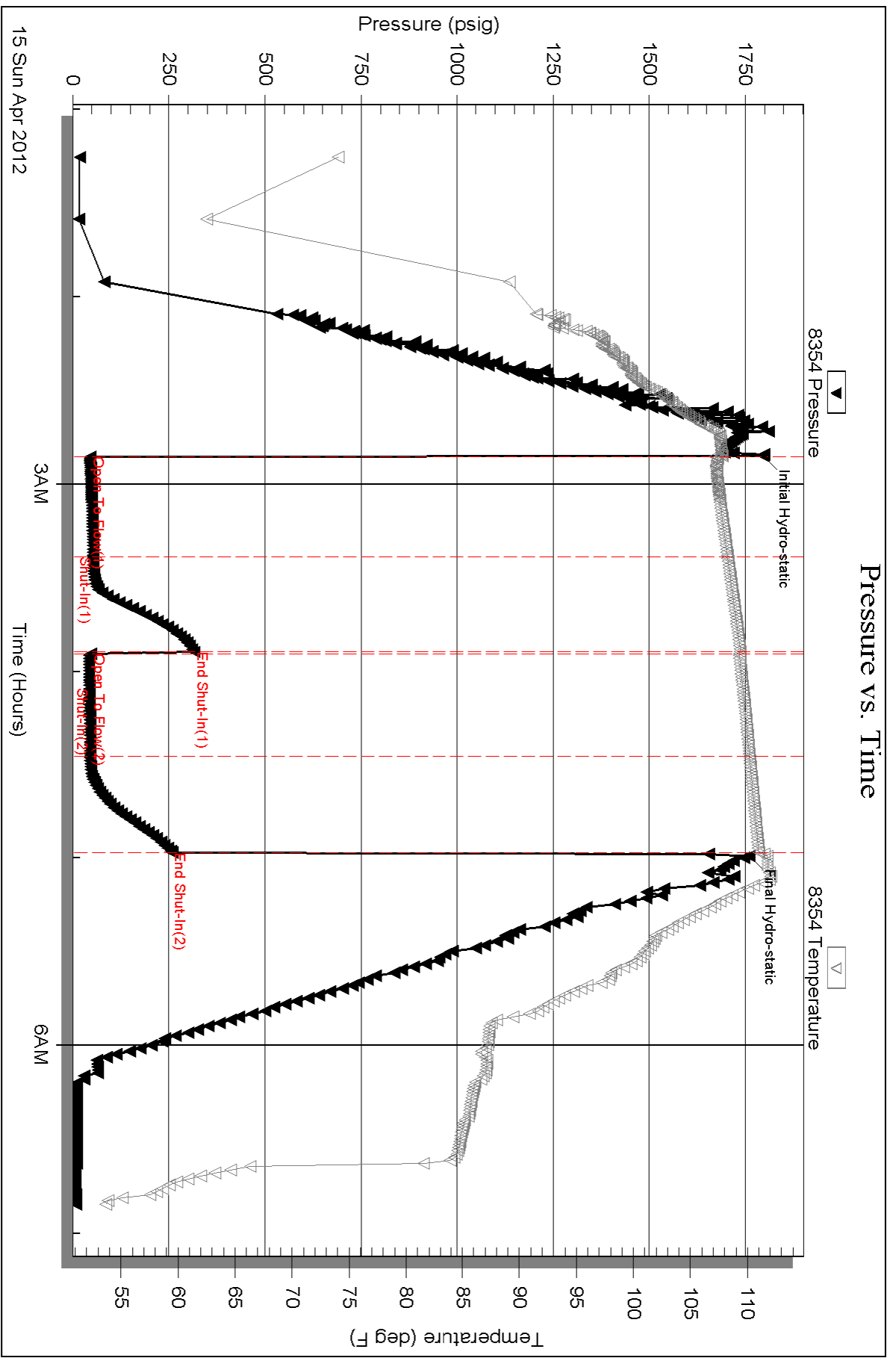
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

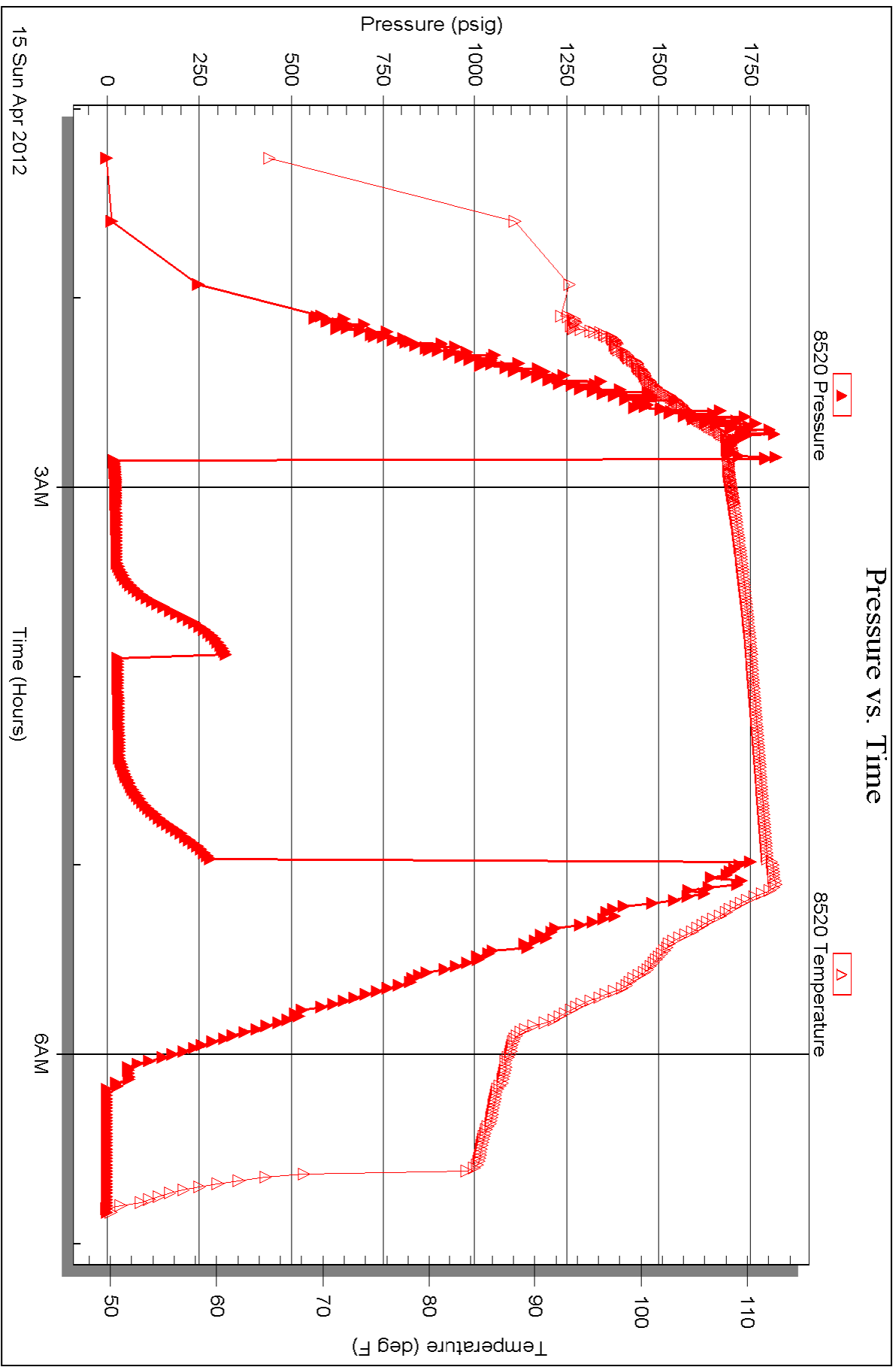


Serial #: 8520

Outside Tengasco, Inc.

Schneller #6

DST Test Number: 3





TRIBOLITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 19 2012

Test Ticket

NO. 47214

Well Name & No. Schneller #6 Test No. 7 Date 4-13-12
 Company Tengasco, Inc. Elevation 2194 KB 2185 GL
 Address 1327 Moose Rd. Hays, KS 67601
 Co. Rep / Geo. Clayton Erickson Rig HZ #3
 Location: Sec. 34 Twp. 12S Rge. 20W Co. Ellis State KS

Interval Tested 3510-3534 Zone Tested LKC "C"
 Anchor Length 24' Drill Pipe Run 3197 Mud Wt. 8.6
 Top Packer Depth 3505 Drill Collars Run 309 Vis 60
 Bottom Packer Depth 3510 Wt. Pipe Run 0 WL 6.2
 Total Depth 3534 Chlorides 1600 ppm System LCM 1#

Blow Description FF - Strong building blow, BOB in 1 minute,
FST - Return @ 15 seconds, BOB in 9 minutes, 30 seconds,
FF - Strong building blow, BOB in 1 minute,
FST - Return @ 15 seconds, BOB in 5 minutes, 30 seconds,

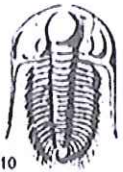
Rec	Feet of	%gas	%oil	%water	%mud
93	Gassy Oil	40	60		
868	G10/M1W	10	30	40	20
680	G1M101W	10	20	60	10
125	Muddy Water			90	10
	1209' G.I.P.				

Rec Total 1766 BHT 119 Gravity 38 API RW 1082 @ 80 °F Chlorides 83000 ppm
 (A) Initial Hydrostatic 1699 Test 1125' T-On Location 0610
 (B) First Initial Flow 148 Jars 250' T-Started 0715
 (C) First Final Flow 710 Safety Joint 75' T-Open 0906
 (D) Initial Shut-In 1257 Circ Sub Dropped Bar 50' T-Pulled 1210
 (E) Second Initial Flow 736 Hourly Standby 1/2 hr 50' T-Out 1545
 (F) Second Final Flow 777 Mileage 23X2 124.40 Comments BHT-0708
 (G) Final Shut-In 1259 Sampler _____
 (H) Final Hydrostatic 1632 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 11014.40
 Accessibility _____ MP/DST Disc't _____

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45
 Sub Total 11014.40

Approved By _____ Our Representative D. Rash

Tribolite Testing Inc. shall not be liable for damaged of any kind of 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 statements or opinion concerning the results 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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 19 2012
BY: _____

Test Ticket

NO. 47215

Well Name & No. Schneller #6 Test No. 2 Date 4-14-12
 Company Tengasco, Inc. Elevation 2194 KB 2185 GL
 Address 1327 Noose Rd. Hays, KS 67601
 Co. Rep / Geo. Clayton Erickson Rig H2 #3
 Location: Sec. 34 Twp. 12S Rge. 20W Co. Ellis State KS

Interval Tested 3537-3575 Zone Tested LKC "D-F"
 Anchor Length 38' Drill Pipe Run 3231 Mud Wt. 8.9
 Top Packer Depth 3532 Drill Collars Run 309 Vis 61
 Bottom Packer Depth 3537 Wt. Pipe Run 0 WL 6.2
 Total Depth 3575 Chlorides 1600 ppm System LCM 2#

Blow Description IF- Strong building blow, BOB in 4 minutes 30 seconds,
IF- Weak surface return for 3 minutes,
FF- Strong building blow, BOB in 6 minutes 30 seconds,
FF- Weak surface return for 4 minutes.

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>Oil</u>	<u>100</u>			
<u>194</u>	<u>Muddy Water</u>		<u>60</u>	<u>40</u>	
<u>310</u>	<u>Muddy Water</u>		<u>80</u>	<u>20</u>	
<u>559</u>	<u>Muddy Water</u>		<u>90</u>	<u>10</u>	
	<u>114" G.I.P.</u>				

Rec Total 1065 BHT 119 Gravity API RW 110 @ 64 °F Chlorides 75,000 ppm
 (A) Initial Hydrostatic 1727 Test 1125' T-On Location 0100
 (B) First Initial Flow 83 Jars 250' T-Started 0200
 (C) First Final Flow 355 Safety Joint 75' T-Open 0353
 (D) Initial Shut-In 873 Circ Sub T-Pulled 0655
 (E) Second Initial Flow 400 Hourly Standby T-Out 0915
 (F) Second Final Flow 523 Mileage 23X2 154.40 Comments BHT-0147
 (G) Final Shut-In 873 Sampler
 (H) Final Hydrostatic 1640 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total 0
 Day Standby Total 1514.40
 Accessibility MP/DST Disc'l

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45
 Sub Total 1514.40

Approved By _____ Our Representative D. Rash

Trilobite Testing Inc. shall not be liable for damaged or any kind of 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 statements or opinion concerning the results 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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 19 2012

Test Ticket

NO. 47216

Well Name & No. Schneller #6 Test No. 3 Date 4-15-12
 Company Vengasco, Inc. Elevation 2194 KB 2185 GL
 Address 1327 Moose Rd. Hays, KS 67601
 Co. Rep / Geo. Clayton Erickson Rig HZ #3
 Location: Sec. 34 Twp. 12S Rge. 20W Co. Ellis State KS

Interval Tested 3629-3679 Zone Tested LKC "I+J"
 Anchor Length 50' Drill Pipe Run 3323 Mud Wt. 9.0
 Top Packer Depth 3624 Drill Collars Run 309 Vis 52
 Bottom Packer Depth 3629 Wt. Pipe Run 0 WL 6.8
 Total Depth 3679 Chlorides 1700 ppm System LCM 2

Blow Description IF - Very weak surface blow, Died @ 8 minutes 30 seconds.
ISI - No Return,
EF - Very weak surface blow, Died @ 9 minutes.
FSE - No Return,

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>USOCM</u>	<u>2</u>		<u>88</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 20 BHT 111 Gravity 1150 API RW 71.50 @ 143 °F Chlorides 1700 ppm

(A) Initial Hydrostatic 1797 Test 1150 T-On Location 0030
 (B) First Initial Flow 46 Jars 250' T-Started 0110
 (C) First Final Flow 53 Safety Joint 75' T-Open 0251
 (D) Initial Shut-In 315 Circ Sub 0455
 (E) Second Initial Flow 48 Hourly Standby 0645
 (F) Second Final Flow 46 Mileage 23X2 71.50 Comments BHT-0105
 (G) Final Shut-In 259 Sampler x2 143 loaded tools
 (H) Final Hydrostatic 1760 Straddle 4116 3:30 pm
 Ruined Shale Packer
 Ruined Packer

Initial Open 30 Extra Packer
 Initial Shut-In 30 Extra Recorder
 Final Flow 30 Day Standby 1 day + 8 3/4 hrs Sub Total 800
 Final Shut-In 30 Accessibility MP/DST Disc't Total 2418'
 Sub Total 1618'

Approved By _____ Our Representative D. Rash

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