



KANSAS CORPORATION COMMISSION 1084931
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 # 32278
Name: Tengasco, Inc.
Address 1: 1327 NOOSE RD
Address 2: PO BOX 458
City: HAYS State: KS Zip: 67601 + 9744
Contact Person: Gary Wagner
Phone: (785) 625-6374
CONTRACTOR: License # 33793
Name: H2 Drilling LLC
Wellsite Geologist: Mike Bair
Purchaser: N/A

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 #: _____

<u>04/26/2012</u>	<u>05/03/2012</u>	<u>05/03/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-195-22771-00-00

Spot Description: _____
SW NW SE SE Sec. 27 Twp. 15 S. R. 25 East West
948 Feet from North / South Line of Section
1056 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Trego

Lease Name: Offutt Well #: 2

Field Name: _____

Producing Formation: N/A

Elevation: Ground: 2490 Kelly Bushing: 2499

Total Depth: 4544 Plug Back Total Depth: 0

Amount of Surface Pipe Set and Cemented at: 265 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: 16300 ppm Fluid volume: 160 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: _____

Operator Name: Tengasco, Inc.

Lease Name: Albers License #: 32278

Quarter NW Sec. 23 Twp. 15 S. R. 25 East West

County: Trego Permit #: D-30584

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: Deanna Gertler Date: 06/21/2012



1084931

Operator Name: Tengasco, Inc. Lease Name: Offutt Well #: 2
Sec. 27 Twp. 15 S. R. 25 East West County: Trego

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	265	Com	170	3% CC 2% gel

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: <u>N/A</u>	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio

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 checked="" type="checkbox"/> Other <i>(Specify)</i> <u>Dry Hole</u>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Tengasco, Inc.
Well Name	Offutt 2
Doc ID	1084931

Tops

Name	Top	Datum
Anhydrite	1927	+572
Heebner	3810	-1311
Lansing	3849	-1350
BKC	4206	-1707
Pawnee	4273	-1774
Fort Scott	4352	-1853
Cherokee Sh	4377	-1878
Mississippian	4450	-1951

ALLIED OIL & GAS SERVICES, LLC 056950

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

SERVICE POINT:
Russell

DATE <u>4-26-12</u>	SEC. <u>27</u>	TWP. <u>15s</u>	RANGE <u>25w</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00</u>	JOB FINISH <u>12:00</u>
LEASE <u>offsite</u>	WELL # <u>2</u>	LOCATION <u>Wabikany 22.5 to 66 rd</u>			COUNTY <u>Wago</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>10w 12th W 1st</u>					

CONTRACTOR H2 Drilling OWNER _____

TYPE OF JOB surface

HOLE SIZE 12 1/4 T.D. 268

CASING SIZE 6 1/2 DEPTH 265

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 15'

CEMENT LEFT IN CSO. 15'

PERFS. _____

DISPLACEMENT 15866

CEMENT AMOUNT ORDERED 170sk 3% LL 24.6cl

COMMON	<u>170</u>	@	<u>16.25</u>	<u>2762.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>6</u>	@	<u>58.20</u>	<u>349.20</u>
ASC		@		

EQUIPMENT

PUMP TRUCK CEMENTER John

409 HELPER Ken

BULK TRUCK DRIVER Lady

410 DRIVER _____

HANDLING	<u>179</u>	@	<u>2.25</u>	<u>402.75</u>
MILEAGE	<u>15,792</u>	@		<u>1732.72</u>
TOTAL				<u>5310.92</u>

REMARKS:

any costs, 2 stabilizer circulation
with 170 sk 24% A 3% LL 24.6cl
at 15:20, original 15:51
spot well in
Plug down at 10:15
Cement circulation to surface

SERVICE

DEPTH OF JOB	<u>268</u>		
PUMP TRUCK CHARGE			<u>1175.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>m144 88</u>	@	<u>700</u>
MANIFOLD		@	
	<u>m144 88</u>	@	<u>400</u>

CHARGE TO: Tengasco

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 2093.00

PLUG & FLOAT EQUIPMENT

_____	@	_____	
_____	@	_____	
_____	@	_____	
_____	@	_____	
_____	@	_____	
_____	@	_____	
TOTAL <u>0</u>			

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.

SALES TAX (if Any) 215.93

TOTAL CHARGES 7463.92

DISCOUNT 10/20 2831.14 IF PAID IN 30 DAYS

PRINTED NAME _____

SIGNATURE Keith Karls

ALLIED OIL & GAS SERVICES, LLC 056402

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

SERVICE POINT: Russell KS,

DATE <u>5-3-12</u>	SEC <u>27</u>	TWP. <u>15 S</u>	RANGE <u>25 W</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00 PM</u>	JOB FINISH <u>3:30 PM</u>
LEASE <u>OFFUTT</u>		WELL # <u>#2</u>	LOCATION <u>Wokeeey KS, 20S 9W</u>		COUNTY <u>TRAGO</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one)		<u>29 IN 1/4 W TAP</u>					

CONTRACTOR H² DATA, Rig #3 OWNER _____

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 I.D. @ 4514

CASING SIZE 8 5/8 Surface DEPTH 265

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 X-H DEPTH 1950

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM ✓

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

CEMENT AMOUNT ORDERED 205 60 4% GEL

1/4 # F10 Seal Per SX

COMMON	<u>123</u>	SX	@	<u>16.25</u>	<u>1998.75</u>
POZMIX	<u>82</u>	SX	@	<u>8.50</u>	<u>697.00</u>
GEL	<u>9</u>	SX	@	<u>21.25</u>	<u>191.25</u>
CHLORIDE			@		
ASC			@		
<u>F10 Seal</u>	<u>50</u>	LBS	@	<u>2.70</u>	<u>135.00</u>
			@		
			@		
			@		
			@		
			@		
			@		
HANDLING	<u>259</u>	TOTAL SX	@	<u>2.25</u>	<u>582.75</u>
MILBAGB	<u>88</u>	Ton Mile	@		<u>2507.12</u>
	<u>22792</u>				<u>TOTAL 6111.87</u>

EQUIPMENT

PUMP TRUCK CEMENTER Glenn G.

417 HELPER Woody O.

BULK TRUCK

481 DRIVER Cody H.

BULK TRUCK

_____ DRIVER _____

REMARKS:

15 SX @ 1950

100 SX @ 950

40 SX @ 325

10 SX @ 40

30 SX @ Bar Hole

THANK'S

CHARGE TO: Texasco Inc.

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>1950</u>		
PUMP TRUCK CHARGE			<u>1250.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>88</u>	By MT	@ <u>7.00</u> <u>616.00</u>
MANIFOLD		@	
	<u>88</u>	By MT	@ <u>4.00</u> <u>352.00</u>
		@	
			TOTAL <u>2218.00</u>

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
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.

SALES TAX (if Any) 566.43

TOTAL CHARGES 8329.87

DISCOUNT 20% 3403.53 IF PAID IN 30 DAYS

PRINTED NAME _____

SIGNATURE Ilany [Signature]

MUD LOG
WellSight Systems

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

Well Name: OFFUTT #2
Location: Sec. 27 ;Twnsp. 15s.; Rge. 25 w.
License Number: 32278
Spud Date: 4-26-2012
Surface Coordinates: SW NW SE SE
948' FSL & 1056' FEL
Bottom Hole Coordinates:
Ground Elevation (ft): 2490 K.B. Elevation (ft): 2499
Logged Interval (ft): 3600 To: 4540 Total Depth (ft): 4544
Formation: Mississippian
Type of Drilling Fluid: Chemical

Region: Trego County, KS
Drilling Completed: 5-3-2012

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

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

GEOLOGIST

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

FORMATION TOPS

FORMATION	LOG TOP	SAMPLE TOP
Anhydrite	1927 (+572)	1930 (+569)
Heebner	3810 (-1311)	3811 (-1312)
Lansing	3849 (-1350)	3853 (-1353)
BKC	4206 (-1707)	4207 (-1708)
Pawnee	4273 (-1774)	4274 (-1775)
Fort Scott	4352 (-1853)	4354 (-1855)
Chero Sh	4377 (-1878)	4379 (-1880)
Mississippian	4450 (-1951)	4450 (-1951)
TD	4542 (-2043)	4544 (-2045)

DSTs

DST#1 4378-4464 45-45-45-45
IF: weak surface ISI: no return FF: weak surface blow died in 4 minutes: FSI: no return
FP: (54-58)(65-69) SIP: 977 - 987
REC: 25' OCM (12% oil, 88% mud)

Comments

Based on results of DST #1, log analysis and relative structural position; the Offutt #2 was plugged and abandoned at a RTD of 4544'.

ROCK TYPES

- Anhy
- Bent
- Brec
- Cht

- Clyst
- Coal
- Congl
- Dol

- Gyp
- Igne
- Lmst
- Meta

- Mrlst
- Salt
- Shale
- Schol

- Shgy
- Sltst
- Ss
- Till

ACCESSORIES

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chttt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau

- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite

- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst

- Sltstrg
- Ssstrg

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

POROSITY

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint

- Vuggy

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang
- Angular

- Spotted
- Ques
- Dead

INTERVAL

- Core
- Dst

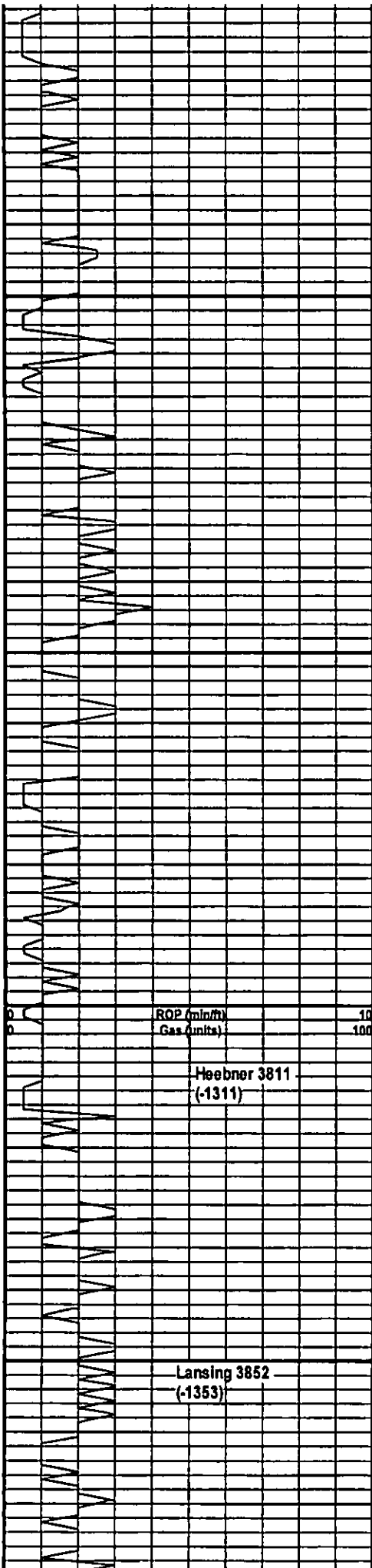
EVENT

- Rft
- Sidewall

OIL SHOW

- Even

Curve Track 1							
ROP (min/ft) _____							Remarks
Gas (units)							TG (Units) _____
							C1 (units)
							C2 (units)
							C3 (units)
							C4 (units)
							C5 (units)
ROP (min/ft)	10	36					1
Gas (units)	100						1000
		3650					
			Depth			Lithology	
			Permeability Type			Geological Descriptions	



3700

3750

3800

3850

Ls, crm-tan, fxl to gran, pr to sl por, ns, n/o

Ls, tan, pkstn, organic str, ns, n/o; Sh, gry

Sh, grn-mrn; Ls, tan, fxl to mealy, few pc Chert, tan, foss, fresh, dense, ns, n/o

Ls, crm-tan, fxl, foss frags, ns, n/o

a/a to Ls, tan, grnstr, micropyrte in few, pr por, ns, n/o

Ls, tan-ft gry, pkstn-grnstr, spt'd ix gran por, ns, n/o

ROP (min/hr) 10
Gas (units) 100

Heebner 3811
(-1311)

SH, blk 3830 sample

Ls, crm, fxl to gran, sc'd ix gran por, ns, n/o

Ls, a/a, sl cky, ns, n/o

Sh, slst, grn; Ls, crm-tan, fxl to pkstn, ns, n/o

Ls, wh-crm, foss, pr vis por, ns, n/o

Lansing 3852
(-1353)

Ls, wh-ofwh, fxl to sl gran, few foss, ns, n/o

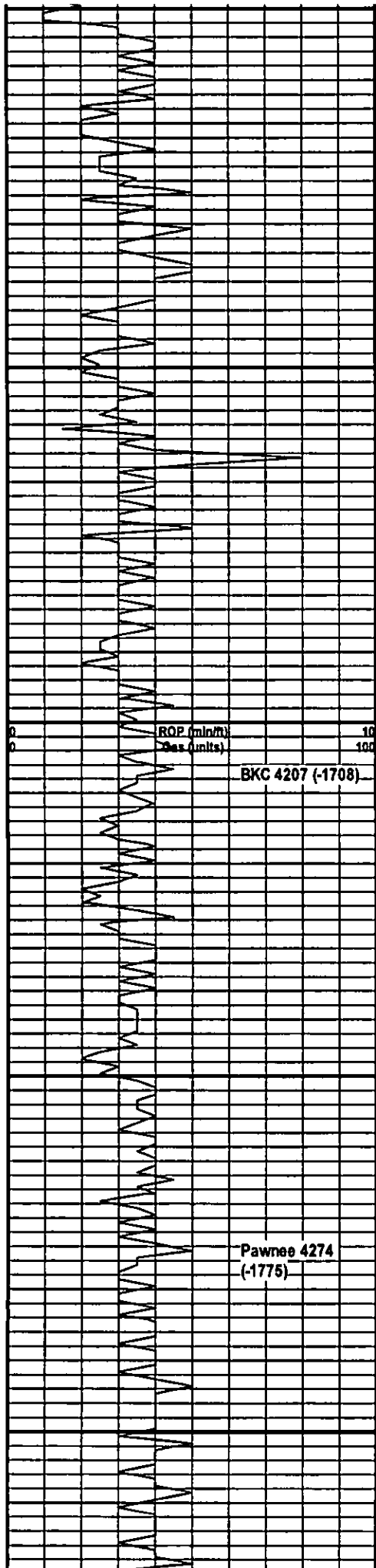
Chert, wh-trans, r pc Ls, ool, pr ool por, cal rextn, ns, n/o

Ls, crm-tan, pkstn-grnstr, pr vis por, ns, n/o 3900

vis 54
wt 9.1
lcm 2#

vis 48
wt 9.2
LCM 1#

MUDCO CK 3865
vis 50
wt 9.1
WL 8.0
LCM 2#
Chlr 1800



Ls, crm-gry, fxl to pkstn, foss, ns, n/o cky in pt

vis 48
wt 9.1
LCM 3#

Ls, crm, wkstn, pr vis por, Sh, gry-grn, ns, n/o

Sh, a/a; ; Ls, crm-gry, fxl, some dse; Slst, gry, ns, n/o

vis 48
wt 9.2
LCM 4#

Ls, crm-lt tan, mdstn, r pc Chert, brn; Sh, lt tan, ns, n/o

a/ato Ls, wh ool, cky, pr vis por, ns, n/o

Sh, v.c., Ls, wh-crm, fxl to ool, pr vis por, ns, n/o

Ls, wh-crm, fxl, some cal rexln, pr por, ns, n/o

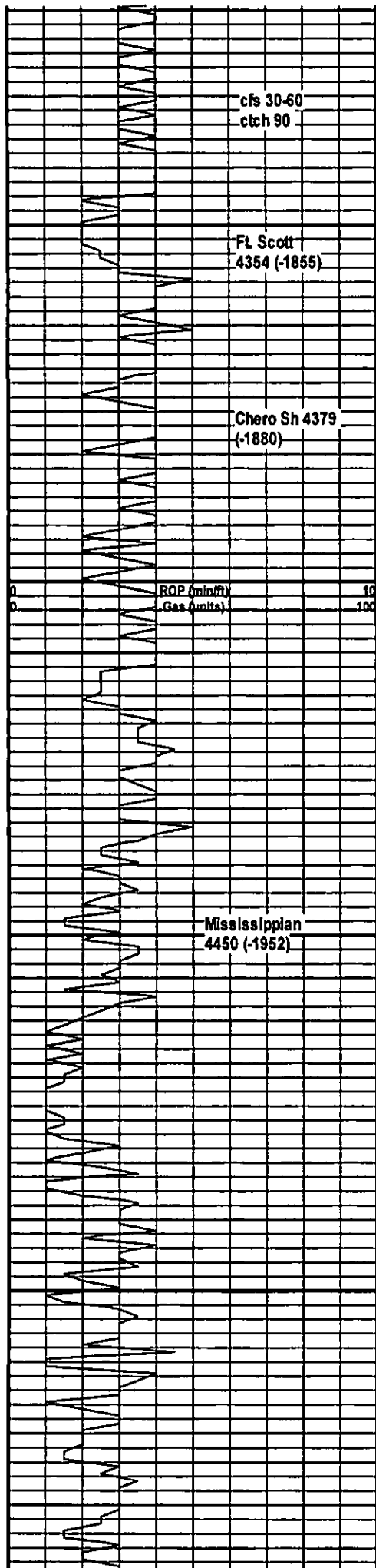
Ls, crm-tan, mdstn, few w weathered rind; Sh, lt tan, sl sity, ns, n/o

Abdn't Sh, lt tan a/a

a/a; sc'd Ls, tan, mdstn, nvp, ns, n/o

flood of Sh, dk gry to a/a

MUDCO CK 4318
vis 47
wt 9.4



a/a to Ls, crm, fxl, ns, n/o

SH, blk, some Ls, wh, fxl to wkstr, ns, n/o

a/a

Ls, wh, fxl to sl grn, sl pp to sl ixgran por, (1 pc sl vgy por), spt'd surf str, sl sfo wh bxn, pass v wk odor 4390

Ls, crm-tan, fxl, few foss frags, few pcs Sh, blk, ns, n/o

Ls, a/a; r pc Ls, flesh, v sl pp por, spt'd surf str, v sl sfo wh bxn, sl odor wh bxn, v low rep 4410 sample

Sh, grn; Ls, wh-tan, mst fxl, nvp, ns, n/o

Ls, wh-tan, fxl, few sl cky, r pc w v sl surf str, nsfo, sl od wh bxn to r pc Ls, wh, fxl, hvy blk oil str, nsfo 4440 sample

Chert, yellow, r pc w gil str, to Chert, brn, wh, few foss, nsfo, n/o 4450 sample

Chert, v.c., few w gil str; r SS cluster, qtz, f grn, fri, fr srt, ns, n/o 4460

Dolo, crm, spt'd str, lt sfo wh bxn, v sl pp por, r sm vg, v wk odor, low rep; 4464 20 min sample

Dolo, crm, suc, sl to L to fr suc por, r sm vy, sa'd str, L fr to r gd sfo wh bxn, low rep, wk odor 4464 40/60 min abdn't Sh, v.c., Dolo, a/a

Dolo, crm-wh, suc-fxl, sl-L fr suc por, sct'd algal linament, sl-fr vgy por, lt sa'd str, lt sfo, gd odor 4490 sample

Dolo, a/a to Dolo, tan, sl-fr vy por, r pc gd vg por, sa'd str, lt sfo wh bxn, incr barren; Chert, bone wh, fr odor 4500

Ls, wh, pkstr, nvp to Dolo, wh-crm, suc to algal linament, dec sfo, dec in dolo, v lt sfo wh bxn, l-fr odor, sparry cal xls, 4510

Ls, wh, fxl to ool, pr vis por; Dolo, wh, suc-fxl, many w grn incl to Dolo, a/a much dec in sfo, many barren, r pc Chert, wh, lt odor 4530

Dolo, gry to tan, fxl, dk incl (sh), barren; Chert, trans-wh; considerable spar cal some w pyrite, n/o

a/a

WL 7.6
LCM 3#
Chlr 2600

SHORT TRIP 4335

1 1000

DST#1 4378-4464

MUDCO CK 4464

vis 48

wt 9.2

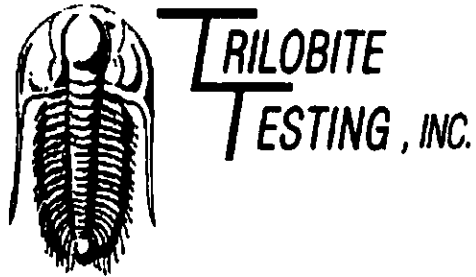
WL 7.2

LCM 3#

Chlr 2700

vis 51

wt 9.6



DRILL STEM TEST REPORT

Prepared For: **Tengasco, Inc.**

PO Box 458
Hays, KS 67601

ATTN: Mike Bair

Offutt #2

27-15s-25w Trego,KS

Start Date: 2012.05.02 @ 08:00:15

End Date: 2012.05.02 @ 15:33:15

Job Ticket #: 47225 DST #: 1

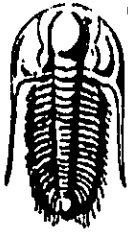
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.05.04 @ 14:00:28

Tengasco, Inc. 27-15s-25w Trego,KS Offutt #2 DST # 1 Cherokee & Mississipp 2012.05.02



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Tengasco, Inc.

27-15s-25w Trego, KS

PO Box 458
Hays, KS 67601

Offutt #2

Job Ticket: 47225

DST#: 1

ATTN: Mike Bair

Test Start: 2012.05.02 @ 08:00:15

GENERAL INFORMATION:

Formation: **Cherokee & Mississip**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:10:45

Time Test Ended: 15:33:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

Interval: 4378.00 ft (KB) To 4464.00 ft (KB) (TVD)

Total Depth: 4464.00 ft (KB) (TVD)

Hole Diameter: 7.88 Inches Hole Condition: Fair

Reference Elevations: 2499.00 ft (KB)

2490.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8354

Inside

Press@RunDepth: 68.66 psig @ 4448.00 ft (KB)

Start Date: 2012.05.02

End Date: 2012.05.02

Start Time: 08:10:15

End Time: 15:33:15

Capacity: 8000.00 psig

Last Calib.: 2012.05.02

Time On Btrr: 2012.05.02 @ 10:09:15

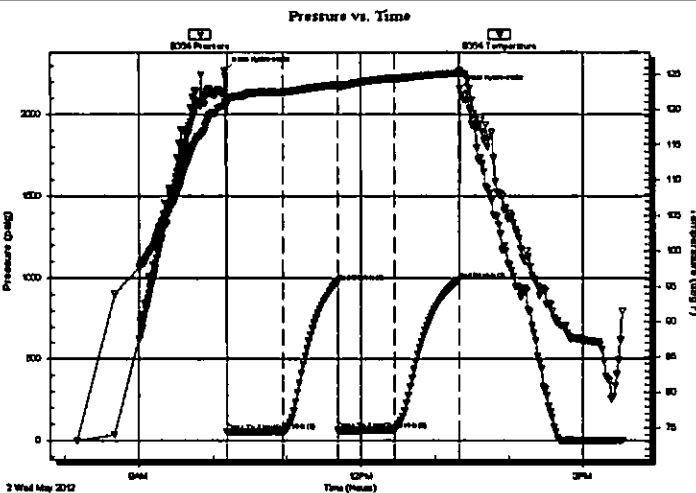
Time Off Btrr: 2012.05.02 @ 13:20:15

TEST COMMENT: IF-Weak surface blow . Surging surface blow @ 19 minutes.

IS-No Return.

FF-Weak surface blow . Died @ 4 minutes.

FS-No Return.



PRESSURE SUMMARY

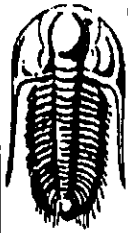
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2272.23	120.51	Initial Hydro-static
2	54.43	120.83	Open To Flow (1)
48	57.97	122.45	Shut-In(1)
92	976.99	123.49	End Shut-In(1)
92	64.84	123.18	Open To Flow (2)
138	68.66	124.36	Shut-In(2)
190	987.29	125.20	End Shut-In(2)
191	2159.10	125.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	12%Oil/88%Mud	0.12

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco, Inc.

27-15s-25w Trego, KS

PO Box 458
Hays, KS 67601

Offutt #2

Job Ticket: 47225

DST#: 1

ATTN: Mike Bair

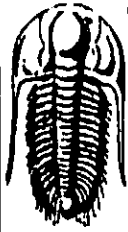
Test Start: 2012.05.02 @ 08:00:15

Tool Information

Drill Pipe:	Length: 4051.00 ft	Diameter: 3.80 inches	Volume: 56.82 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: 24000.00 lb
Drill Collar:	Length: 311.00 ft	Diameter: 2.25 inches	Volume: 1.53 bbl	Weight to Pull Loose: 5000.00 lb
			<u>Total Volume: 58.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	4378.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	86.00 ft			
Tool Length:	114.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4351.00	
Shut In Tool	5.00			4356.00	
Hydraulic tool	5.00			4361.00	
Jars	5.00			4366.00	
Safety Joint	3.00			4369.00	
Packer	5.00			4374.00	28.00 Bottom Of Top Packer
Packer	4.00			4378.00	
Stubb	1.00			4379.00	
Perforations	5.00			4384.00	
Change Over Sub	1.00			4385.00	
Drill Pipe	62.00			4447.00	
Change Over Sub	1.00			4448.00	
Recorder	0.00	8354	Inside	4448.00	
Recorder	0.00	8520	Outside	4448.00	
Perforations	13.00			4461.00	
Bullnose	3.00			4464.00	86.00 Bottom Packers & Anchor
Total Tool Length:	114.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco, Inc.

27-15s-25w Trego, KS

PO Box 458
Hays, KS 67601

Offutt #2

Job Ticket: 47225

DST#: 1

ATTN: Mike Bair

Test Start: 2012.05.02 @ 08:00:15

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: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	12%Oil/88%Mud	0.123

Total Length: 25.00 ft

Total Volume: 0.123 bbl

Num Fluid Samples: 0

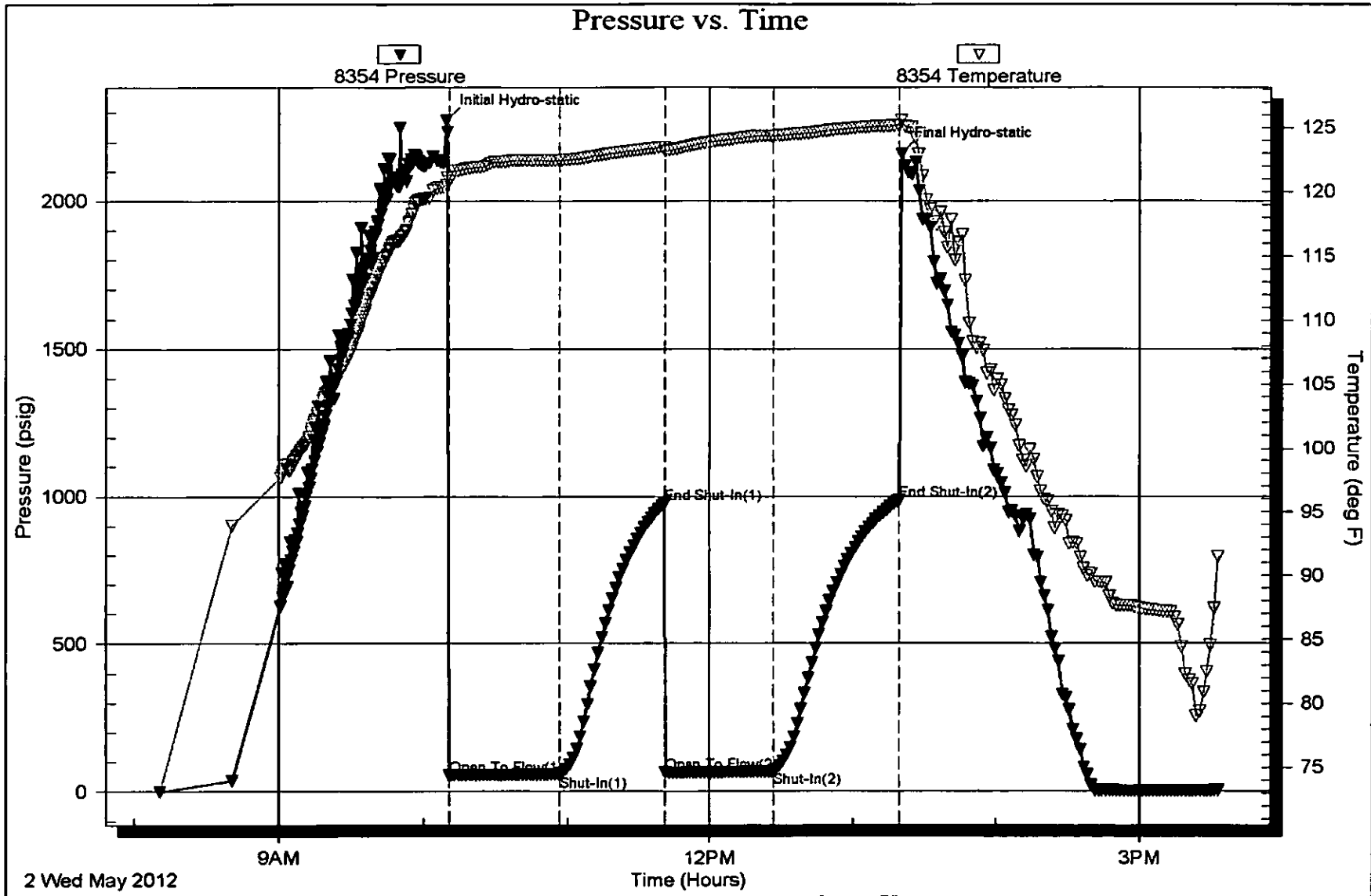
Num Gas Bombs: 0

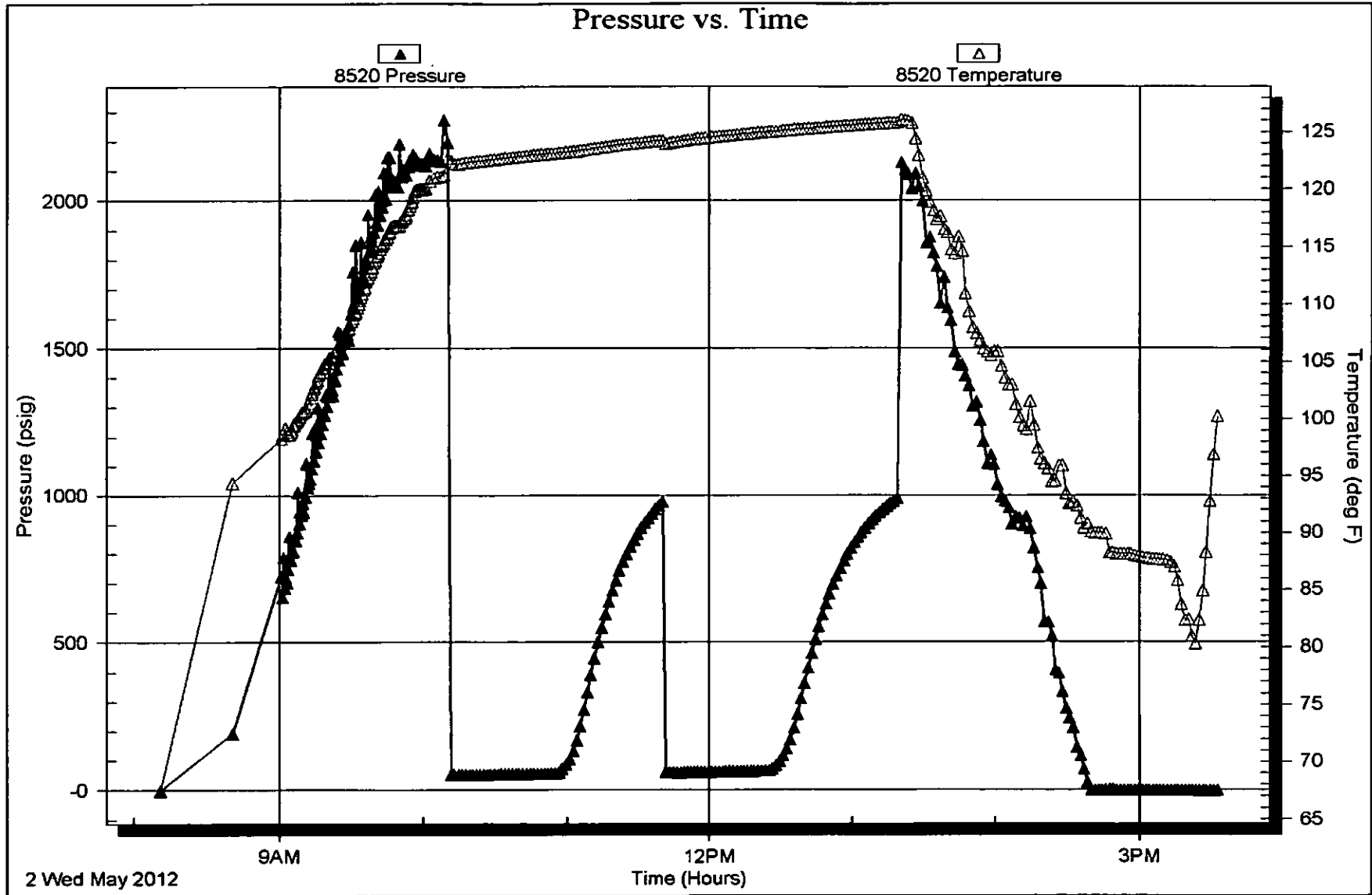
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 04 2012

Test Ticket

NO. 47225

Well Name & No. OFFWY #2 Test No. 1 Date 5-2-12
 Company Verigasco, Inc. Elevation 2499 KB 2490 GL
 Address P.O. Box 458 Hays, KS 67601
 Co. Rep / Geo. Mike Barr Rig H2 Drilling 3
 Location: Sec. 27 Twp. 15S Rge. 25W Co. Verigo State KS

Interval Tested 4378-4464 Zone Tested Cherokee & Mississippian
 Anchor Length 86' Drill Pipe Run 0 Mud Wt. 9.4
 Top Packer Depth 4373 Drill Collars Run 310.85 Vis 47
 Bottom Packer Depth 4378 Wt. Pipe Run 0 Wt. 7.6
 Total Depth 4464 Chlorides 2600 ppm System LCM 3#

Blow Description TF - Weak surface blow. Surging surface blow @ 19 minutes.
FSI - No Return.
EF - Weak surface blow. Died @ 4 minutes.
FSE - No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>25</u>	<u>OCM</u>	<u>12</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 Total 25 BHT Gravity 1.250 API RW 250 @ 75 °F Chlorides 2600 ppm
 (A) Initial Hydrostatic 2272 Test
 (B) First Initial Flow 54 Jars
 (C) First Final Flow 58 Safety Joint
 (D) Initial Shut-In 977 Circ Sub
 (E) Second Initial Flow 65 Hourly Standby X/1 hr 100
 (F) Second Final Flow 69 Mileage 70XZ 217ce
 (G) Final Shut-In 987 Sampler
 (H) Final Hydrostatic 2159 Straddle
 Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Initial Open 45 T-On Location 0420
 Initial Shut-In 45 T-Started 0810
 Final Flow 45 T-Open 1010
 Final Shut-In 45 T-Pulled 1315
 T-Out 1530
 Comments Part - 0800
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1892
 MP/DST Disc

Approved By _____ Our Representative D. Kash

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