



KANSAS CORPORATION COMMISSION 1085293
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: Coffeyville Resources

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 #: _____
04/09/2012 04/16/2012 04/26/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-051-26282-00-00
Spot Description: _____
SE SW NE NE Sec. 34 Twp. 12 S. R. 20 East West
4230 Feet from North / South Line of Section
720 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellis
Lease Name: Schneller Well #: 6
Field Name: Werth North
Producing Formation: Lansing
Elevation: Ground: 2181 Kelly Bushing: 2190
Total Depth: 3990 Plug Back Total Depth: 3719
Amount of Surface Pipe Set and Cemented at: 265 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1568 Feet
If Alternate II completion, cement circulated from: 1568
feet depth to: 0 w/ 175 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 49000 ppm Fluid volume: 720 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite: _____
Operator Name: Tengasco, Inc.
Lease Name: Schoenthaler A License #: 32278
Quarter NW Sec. 3 Twp. 13 S. R. 21 East West
County: Trego Permit #: D-20551

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 Gansco Date: 06/21/2012



1085293

Operator Name: Tengasco, Inc. Lease Name: Schneller Well #: 6
 Sec. 34 Twp. 12 S. R. 20 East West County: Ellis

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: <small>Dual Induction Density Neutron/PE Micro</small>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
--	--

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
Production	7.875	5.5	14	3765	ASC	150	10% salt 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-1568	60/40	175	4% gel, 1/4# flo seal per sx

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
6	3526-31		

TUBING RECORD: Size: <u>2.875</u> Set At: <u>3698</u> Packer At: <u>N/A</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>05/04/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. <u>24</u> Gas Mcf <u>180</u> Water Bbls. <u>180</u> 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>LKC 3526-31'</u>
---	--	---

Form	ACO1 - Well Completion
Operator	Tengasco, Inc.
Well Name	Schneller 6
Doc ID	1085293

Tops

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

<p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>10</p> <p>11</p> <p>12</p> <p>13</p> <p>14</p> <p>15</p> <p>16</p> <p>17</p> <p>18</p> <p>19</p> <p>20</p> <p>21</p> <p>22</p> <p>23</p> <p>24</p> <p>25</p> <p>26</p> <p>27</p> <p>28</p> <p>29</p> <p>30</p> <p>31</p> <p>32</p> <p>33</p> <p>34</p> <p>35</p> <p>36</p> <p>37</p> <p>38</p> <p>39</p> <p>40</p> <p>41</p> <p>42</p> <p>43</p> <p>44</p> <p>45</p> <p>46</p> <p>47</p> <p>48</p> <p>49</p> <p>50</p> <p>51</p> <p>52</p> <p>53</p> <p>54</p> <p>55</p> <p>56</p> <p>57</p> <p>58</p> <p>59</p> <p>60</p> <p>61</p> <p>62</p> <p>63</p> <p>64</p> <p>65</p> <p>66</p> <p>67</p> <p>68</p> <p>69</p> <p>70</p> <p>71</p> <p>72</p> <p>73</p> <p>74</p> <p>75</p> <p>76</p> <p>77</p> <p>78</p> <p>79</p> <p>80</p> <p>81</p> <p>82</p> <p>83</p> <p>84</p> <p>85</p> <p>86</p> <p>87</p> <p>88</p> <p>89</p> <p>90</p> <p>91</p> <p>92</p> <p>93</p> <p>94</p> <p>95</p> <p>96</p> <p>97</p> <p>98</p> <p>99</p> <p>100</p>	<p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>10</p> <p>11</p> <p>12</p> <p>13</p> <p>14</p> <p>15</p> <p>16</p> <p>17</p> <p>18</p> <p>19</p> <p>20</p> <p>21</p> <p>22</p> <p>23</p> <p>24</p> <p>25</p> <p>26</p> <p>27</p> <p>28</p> <p>29</p> <p>30</p> <p>31</p> <p>32</p> <p>33</p> <p>34</p> <p>35</p> <p>36</p> <p>37</p> <p>38</p> <p>39</p> <p>40</p> <p>41</p> <p>42</p> <p>43</p> <p>44</p> <p>45</p> <p>46</p> <p>47</p> <p>48</p> <p>49</p> <p>50</p> <p>51</p> <p>52</p> <p>53</p> <p>54</p> <p>55</p> <p>56</p> <p>57</p> <p>58</p> <p>59</p> <p>60</p> <p>61</p> <p>62</p> <p>63</p> <p>64</p> <p>65</p> <p>66</p> <p>67</p> <p>68</p> <p>69</p> <p>70</p> <p>71</p> <p>72</p> <p>73</p> <p>74</p> <p>75</p> <p>76</p> <p>77</p> <p>78</p> <p>79</p> <p>80</p> <p>81</p> <p>82</p> <p>83</p> <p>84</p> <p>85</p> <p>86</p> <p>87</p> <p>88</p> <p>89</p> <p>90</p> <p>91</p> <p>92</p> <p>93</p> <p>94</p> <p>95</p> <p>96</p> <p>97</p> <p>98</p> <p>99</p> <p>100</p>
---	---

<p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>10</p> <p>11</p> <p>12</p> <p>13</p> <p>14</p> <p>15</p> <p>16</p> <p>17</p> <p>18</p> <p>19</p> <p>20</p> <p>21</p> <p>22</p> <p>23</p> <p>24</p> <p>25</p> <p>26</p> <p>27</p> <p>28</p> <p>29</p> <p>30</p> <p>31</p> <p>32</p> <p>33</p> <p>34</p> <p>35</p> <p>36</p> <p>37</p> <p>38</p> <p>39</p> <p>40</p> <p>41</p> <p>42</p> <p>43</p> <p>44</p> <p>45</p> <p>46</p> <p>47</p> <p>48</p> <p>49</p> <p>50</p> <p>51</p> <p>52</p> <p>53</p> <p>54</p> <p>55</p> <p>56</p> <p>57</p> <p>58</p> <p>59</p> <p>60</p> <p>61</p> <p>62</p> <p>63</p> <p>64</p> <p>65</p> <p>66</p> <p>67</p> <p>68</p> <p>69</p> <p>70</p> <p>71</p> <p>72</p> <p>73</p> <p>74</p> <p>75</p> <p>76</p> <p>77</p> <p>78</p> <p>79</p> <p>80</p> <p>81</p> <p>82</p> <p>83</p> <p>84</p> <p>85</p> <p>86</p> <p>87</p> <p>88</p> <p>89</p> <p>90</p> <p>91</p> <p>92</p> <p>93</p> <p>94</p> <p>95</p> <p>96</p> <p>97</p> <p>98</p> <p>99</p> <p>100</p>	<p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>10</p> <p>11</p> <p>12</p> <p>13</p> <p>14</p> <p>15</p> <p>16</p> <p>17</p> <p>18</p> <p>19</p> <p>20</p> <p>21</p> <p>22</p> <p>23</p> <p>24</p> <p>25</p> <p>26</p> <p>27</p> <p>28</p> <p>29</p> <p>30</p> <p>31</p> <p>32</p> <p>33</p> <p>34</p> <p>35</p> <p>36</p> <p>37</p> <p>38</p> <p>39</p> <p>40</p> <p>41</p> <p>42</p> <p>43</p> <p>44</p> <p>45</p> <p>46</p> <p>47</p> <p>48</p> <p>49</p> <p>50</p> <p>51</p> <p>52</p> <p>53</p> <p>54</p> <p>55</p> <p>56</p> <p>57</p> <p>58</p> <p>59</p> <p>60</p> <p>61</p> <p>62</p> <p>63</p> <p>64</p> <p>65</p> <p>66</p> <p>67</p> <p>68</p> <p>69</p> <p>70</p> <p>71</p> <p>72</p> <p>73</p> <p>74</p> <p>75</p> <p>76</p> <p>77</p> <p>78</p> <p>79</p> <p>80</p> <p>81</p> <p>82</p> <p>83</p> <p>84</p> <p>85</p> <p>86</p> <p>87</p> <p>88</p> <p>89</p> <p>90</p> <p>91</p> <p>92</p> <p>93</p> <p>94</p> <p>95</p> <p>96</p> <p>97</p> <p>98</p> <p>99</p> <p>100</p>
---	---

ALLIED CEMENTING CO., LLC. 034644

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

SERVICE POINT:
RUSSELL

DATE <u>4-9-12</u>	SEC. <u>34</u>	TYPES <u>12</u>	RANGE <u>20m</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 R I 70 N 1/2 - 2E</u>			COUNTY <u>ELLIS</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)		<u>Y2" - N/W INTD</u>					

CONTRACTOR American Eagle #2
 TYPE OF JOB SURFACE
 HOLE SIZE 12 1/4" 888 T.D. 268
 CASING SIZE 12 1/4" 888 DEPTH 268.51
 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 _____

OWNER _____
 CEMENT AMOUNT ORDERED 170 SK 3% 2% 6%
 COMMON 170 @ 12.25 = 2082.50
 POZMIX _____
 GEL 3 @ 21.25 = 63.75
 CHLORIDE 6 @ 58.20 = 349.2
 ASC _____
 HANDLING 179 @ 2.25 = 402.75
 MILEAGE 45 x 179 x .11 = 886.05
 TOTAL 4464.85

PUMP TRUCK CEMENTER Bob S.
 # 409 HELPER Tony
 BULK TRUCK DRIVER Robert Y
 # 410
 BULK TRUCK DRIVER _____
 # _____

REMARKS:

Pumped 170 SK
Cement circulated to surface

SERVICE

DEPTH OF JOB 268.51
 PUMP TRUCK CHARGE 1125.00
 EXTRA FOOTAGE _____
 MILEAGE 45 @ 7.00 = 315.00
 MANIFOLD 60V m 45 @ 4.00 = 180.00
 TOTAL 1620.00

CHARGE TO: TENGAS CO
 STREET _____
 CITY _____ STATE _____ ZIP _____

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.

SALES TAX (If Any) 100.05
 TOTAL CHARGES 6084.25
 DISCOUNT 20/30 11631.16 IF PAID IN 30 DAYS

PRINTED NAME _____
 SIGNATURE Keith Kalis

ALLIED OIL & GAS SERVICES, LLC 056393

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

SERVICE POINT
Russell KS

DATE <u>7-24-16</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>Schwell</u>	WELL # <u>#6</u>	LOCATION <u>Ellis Van 2E 1/2N 4W</u>			COUNTY <u>Ellis</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Fisher Well Service (FRANIS) OWNER

TYPE OF JOB Open Port Colbr (Circ. Cement)

HOLE SIZE 5 1/2 SAT @ / I.D. 3765

CASING SIZE 5 1/2 DEPTH PS TO 3719

TUBING SIZE 2 7/8 DEPTH

DRILL PIPE DEPTH

TOOL Port Caller @ DEPTH 1568'

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT T = 9.000 / Ave. 8.100

EQUIPMENT

PUMP TRUCK CEMENTER Gleason G.

417 HELPER Woody O.

BULK TRUCK

423 DRIVER Robert Y.

BULK TRUCK

DRIVER

CEMENT USED 175 SK

AMOUNT ORDERED 300 SK 40 4% Gal

1/4" # F10 Seal

PAR SK

COMMON	<u>105 SK</u>	@ <u>16.25</u>	<u>1706.25</u>
POZMIX	<u>70 SK</u>	@ <u>8.50</u>	<u>595.00</u>
GEL	<u>7 SK</u>	@ <u>21.25</u>	<u>148.75</u>
CHLORIDE		@	
ASC		@	
F10 Seal	<u>50 LBS</u>	@ <u>2.70</u>	<u>135.00</u>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>182 TOTAL SK</u>	@ <u>2.25</u>	<u>409.50</u>
MILEAGE	<u>48 Ton Mile @</u>		<u>960.96</u>
TOTAL			<u>3955.46</u>

REMARKS:

Port Caller @ 1568' Load CSG. Test
To Root (1568), Open PC, & Reviewd Vay.
Good Circulation, Mixed 15% Cement, &
Displaced 800L Behind. Closed PC.
+ Check To Root, (Check), Ren
5 JOINTS OF 2 7/8 TUBING F WASHED
Gleason Cement DIB Circulate
To Surface - THANKS

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 2225.00

EXTRA FOOTAGE @

MILEAGE 48 HY MT @ 2.00 336.00

MANIFOLD @ 4.00 192.00

TOTAL 2753.00

CHARGE TO: TENGASCO Inc.

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

PLUG & FLOAT EQUIPMENT

PLUG & FLOAT EQUIPMENT

PLUG & FLOAT EQUIPMENT

PLUG & FLOAT EQUIPMENT

PLUG & FLOAT EQUIPMENT

TOTAL

* STATE REP. MARVIN MILLS ON LOCATION

CEMENT DID CIRCULATE TO SURFACE (175 SK)

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): 162.85

TOTAL CHARGES 6708.46

DISCOUNT 20/50 1788.38 IF PAID IN 30 DAYS

PRINTED NAME

SIGNATURE Hayden Wagner

ALLIED OIL & GAS SERVICES, LLC 056386

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

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>CHNeller</u>	WELL # <u>6</u>	LOCATION <u>ELLIS KANSAS VAN 2E VAN 4W</u>	COUNTY <u>ELLIS</u>	STATE <u>KANSAS</u>			

OLD OR NEW (Circle one)

CONTRACTOR Ha DRLO. Rig #3

TYPE OF JOB PRODUCTION STRING

HOLE SIZE 7 7/8 I.D. 3991

CASING SIZE 5 1/2 New DEPTH 3765

TUBING SIZE 1 1/2 CSG DEPTH

PIPE LATCH DN. Plug DEPTH 3723

TOOL PORT Collar DEPTH 1570

PREV. MAX 1800 MINIMUM

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

CEMENT LEFT IN CSG. 42

PERFS.

OWNER

CEMENT AMOUNT ORDERED 180 sx Asc.

SPONGAL WFR mod FLASH

DISPLACEMENT 90.09 / BBL

226' off Bottom EQUIPMENT

PUMP TRUCK CEMENTER Glen G.

417 HELPER ROBERT V.

BULK TRUCK # 481 DRIVER CHRIS G.

BULK TRUCK DRIVER

COMMON	0	
POZMIX	0	
GEL	<u>4 SX</u>	<u>21.25 - 85.00</u>
CHLORIDE	0	
ASC	<u>180 SX</u>	<u>19.00 3420.00</u>
SALT	<u>20 SX</u>	<u>23.95 479.00</u>
APP SALT	<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>

REMARKS: PORT COLLAR ON 1570

Ran 90 New JOINTS OF 1 1/2 5 1/2 CSG.

Set @ 2765, Received Circulation

45 min. DRAG Packer Shoe Ball. & OPEN @

1800# Circulate Another 20 min.

Mixed 150 sx ASC. Clear Line, Release LATCH

Down Plug & Displace 90 BBL / 110' LAND

@ 1800# Release # & Plug (HOLD).

3050 @ Port Hole

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>2225.00</u>
EXTRA FOOTAGE	0	
MILEAGE	<u>43 NY MI.</u>	<u>7.00 301.00</u>
MANIFOLD	0	
<u>43 Lv. MI.</u>	<u>4.00</u>	<u>172.00</u>
TOTAL		<u>2698.00</u>

CHARGE TO: TENASCO Inc.

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

IR: Packer Shoe	0	<u>2832.00</u>
IR LATCH Downfing Assy	0	<u>184.00</u>
VI 1-Basket	0	<u>236.00</u>
W S-Centralizers	<u>34.00</u>	<u>170.00</u>
IR 1-PORT COLLAR	0	<u>182.00</u>
TOTAL		<u>5242.00</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)	<u>628.63</u>
TOTAL CHARGES	<u>14253.88</u>
DISCOUNT <u>20/50</u>	<u>3313.37</u> IF PAID IN 30 DAYS

PRINTED NAME

SIGNATURE

ALLIED OIL & GAS SERVICES, LLC 056386

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>
LEASE <u>Chandler</u>	WELL # <u>6</u>	LOCATION <u>Ellis Kansas 1/2 N 2 E 1/4 1/4 W</u>			COUNTY <u>Ellis</u>	STATE <u>Kansas</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Ha DRLO. Rig #3

TYPE OF JOB Production String

HOLE SIZE 7 7/8 ID. 3991

CASINO SIZE 5 1/2 New DEPTH 3765

TUBING SIZE 14" CSG DEPTH

~~PIPE~~ LATCH DN. Plug DEPTH 3723

TOOL PORT Collar DEPTH 1570

PRES. MAX 1800 MINIMUM

MEAS. LINE 858 @ 268' SHOE JOINT 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

OWNER

CEMENT AMOUNT ORDERED 180 sx Asc.

500 GAL W.F.R. 2 MVD FLUSH

COMMON	@		
POZMIX	@		
GEL	= 4 SX	@ 21.25	85.00
CHLORIDE	@		
ASC	180 SX	@ 19.00	3420.00
SALT	20 SX	@ 23.95	479.00
Gyp Sol	22 SX	@ 34.20	752.40
	@		
	@		
	@		
	@		
	@		
	@		
	@		
HANDLING	<u>226 Total SX</u>	@ 2.25	508.50
MILEAGE	<u>43 Ton Mile</u>	@ 11E	1065.88
TOTAL			<u>6313.88</u>

REMARKS: PORT COLLAR ON ST # (S) 1570

Ran 90 New JOINTS OF 14" 5 1/2 CSG.

Set @ 2765, Received Circulation

45 min. DRUG Packer Shoe Ball & OPEN @

1800# Circulate Another 30 min.

Added 150 sx ASC. Clear Line, Release LATCH

Down Plug & Displace 90 BBL / 150' LAND

@ 1800# Release # & Plug (HLD).

30 SUC PORTHOLE

WANK'S

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>2225.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>43 Lv ME.</u>	@ 7.00	<u>301.00</u>
MANIFOLD	@		
	<u>43 Lv ME</u>	@ 4.00	<u>172.00</u>
	@		
TOTAL			<u>2698.00</u>

CHARGE TO: Texasaco Inc.

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

IR: Packer Shoe	@		<u>2832.00</u>
IR LATCH Downring Assy	@		<u>184.00</u>
W L-Basket	@		<u>236.00</u>
W S-Centralizers	@	<u>34.00</u>	<u>170.00</u>
IR 1-PORT Collar	@		<u>182.00</u>
TOTAL			<u>5242.00</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.

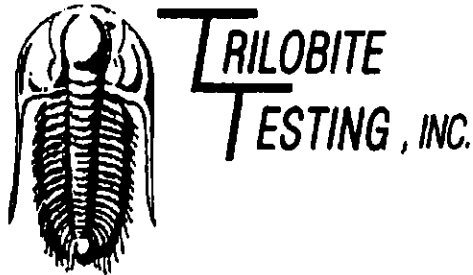
SALES TAX (If Any) 628.63

TOTAL CHARGES 14253.88

DISCOUNT 20/50 3313.57 IF PAID IN 30 DAYS

PRINTED NAME _____

SIGNATURE Keith Karles



DRILL STEM TEST REPORT

Prepared For: **Tengasco, Inc.**

1327 Noose Rd.
Hays, KS 67601

ATTN: Clayton Erickson

Schneller #6

34-12s-20w Ellis,KS

Start Date: 2012.04.13 @ 07:08:05

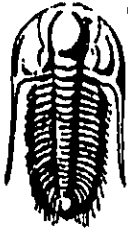
End Date: 2012.04.13 @ 15:48:05

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

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

Total Depth: 3534.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

Reference Elevations: 2194.00 ft (KB)

2185.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **8354**

Inside

Press@RunDepth: 976.84 psig @ 3511.00 ft (KB)

Start Date: 2012.04.13

End Date: 2012.04.13

Start Time: 07:18:05

End Time: 15:48:05

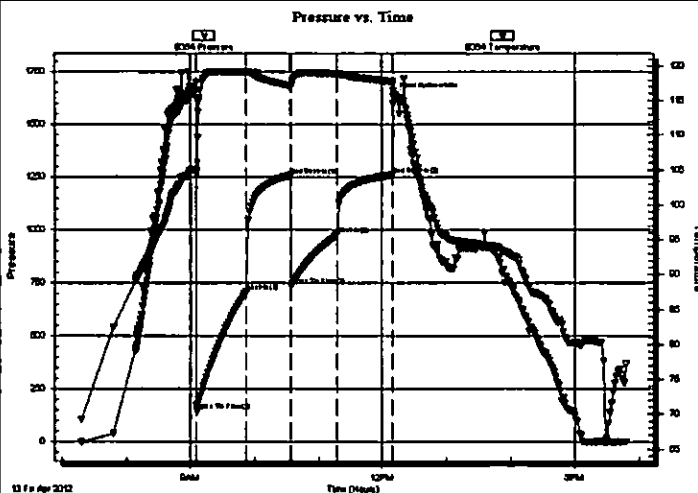
Capacity: 8000.00 psig

Last Calib.: 2012.04.13

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.
IS-Return @ 15 seconds. BOB in 9 minutes 30 seconds.
FF-Strong building blow . BOB in 1 minute.
FS-Return @ 15 seconds. BOB in 5 minutes 30 seconds.



PRESSURE SUMMARY

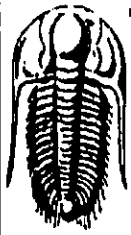
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1699.44	105.09	Initial Hydro-static
1	147.97	104.82	Open To Flow (1)
47	709.80	119.13	Shut-In(1)
89	1257.44	117.10	End Shut-In(1)
89	735.98	117.00	Open To Flow (2)
133	976.84	118.88	Shut-In(2)
185	1259.49	117.73	End Shut-In(2)
186	1631.56	116.34	Final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

Tengasco, Inc.
1327 Moose Rd.
Hays, KS 67601
ATTN: Clayton Erickson

34-12s-20w Ellis, KS
Schneller #6
Job Ticket: 47214 **DST#: 1**
Test Start: 2012.04.13 @ 07:08:05

GENERAL INFORMATION:

Formation: **LKC "C"**
Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole (Initial)**
Time Tool Opened: **09:05:25** Tester: **Dustin Rash**
Time Test Ended: **15:48:05** 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 #: 8520 **Outside**
Press@RunDepth: **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: **07:18:20** End Time: **15:47:20** Time On Btm:
Time Off Btm:

TEST COMMENT: IF-Strong building blow . BOB in 1 minute.
IS-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 vs. Time



PRESSURE SUMMARY

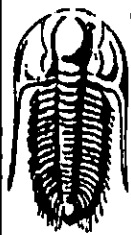
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

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

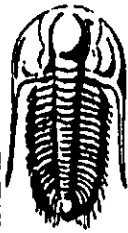
Drill Pipe:	Length: 3197.00 ft	Diameter: 3.80 inches	Volume: 44.85 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	26000.00 lb
Drill Collar:	Length: 309.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Full Loose:	5000.00 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:

bbl

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 bbl
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

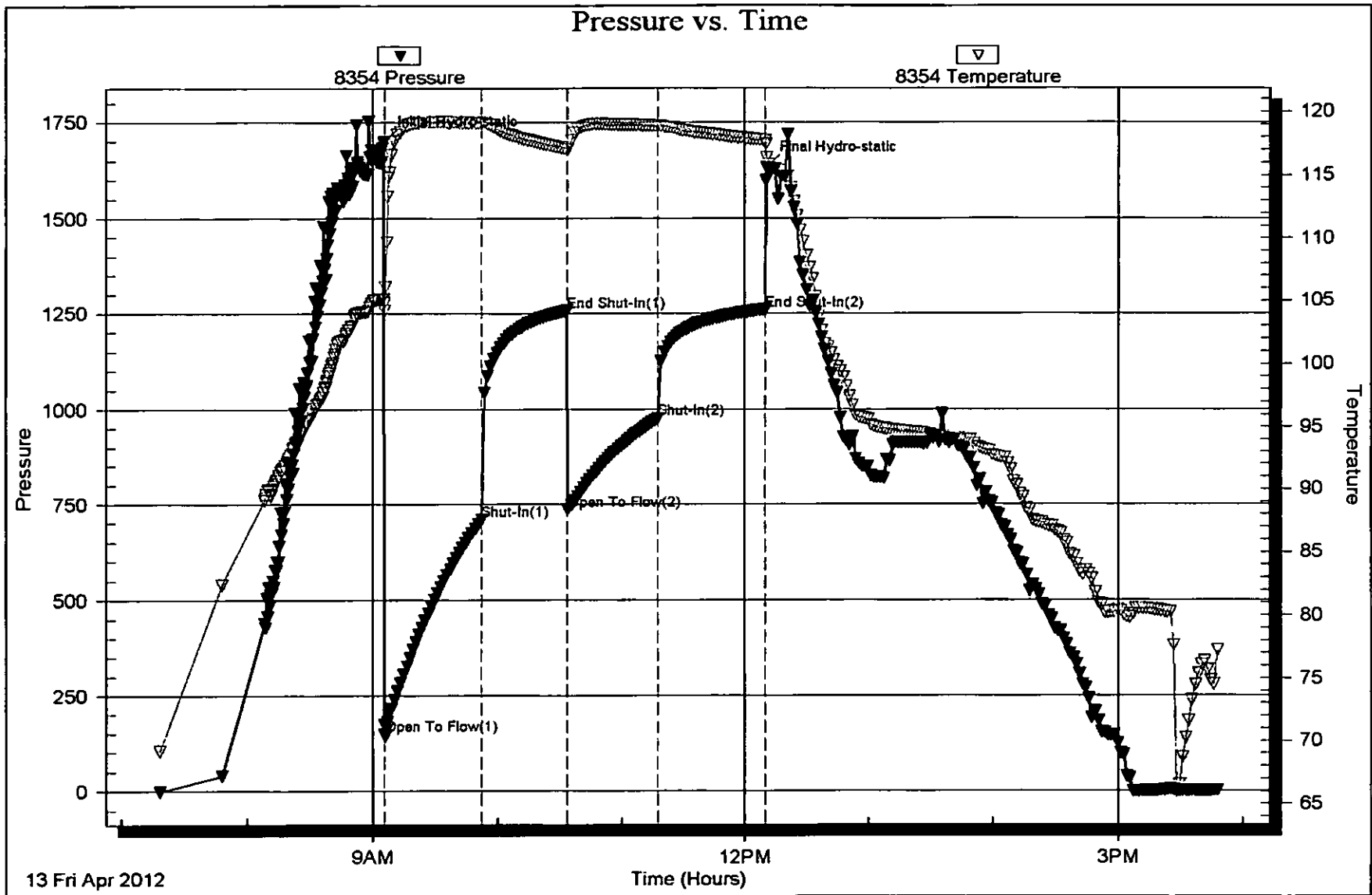
Num Gas Bombs: 0

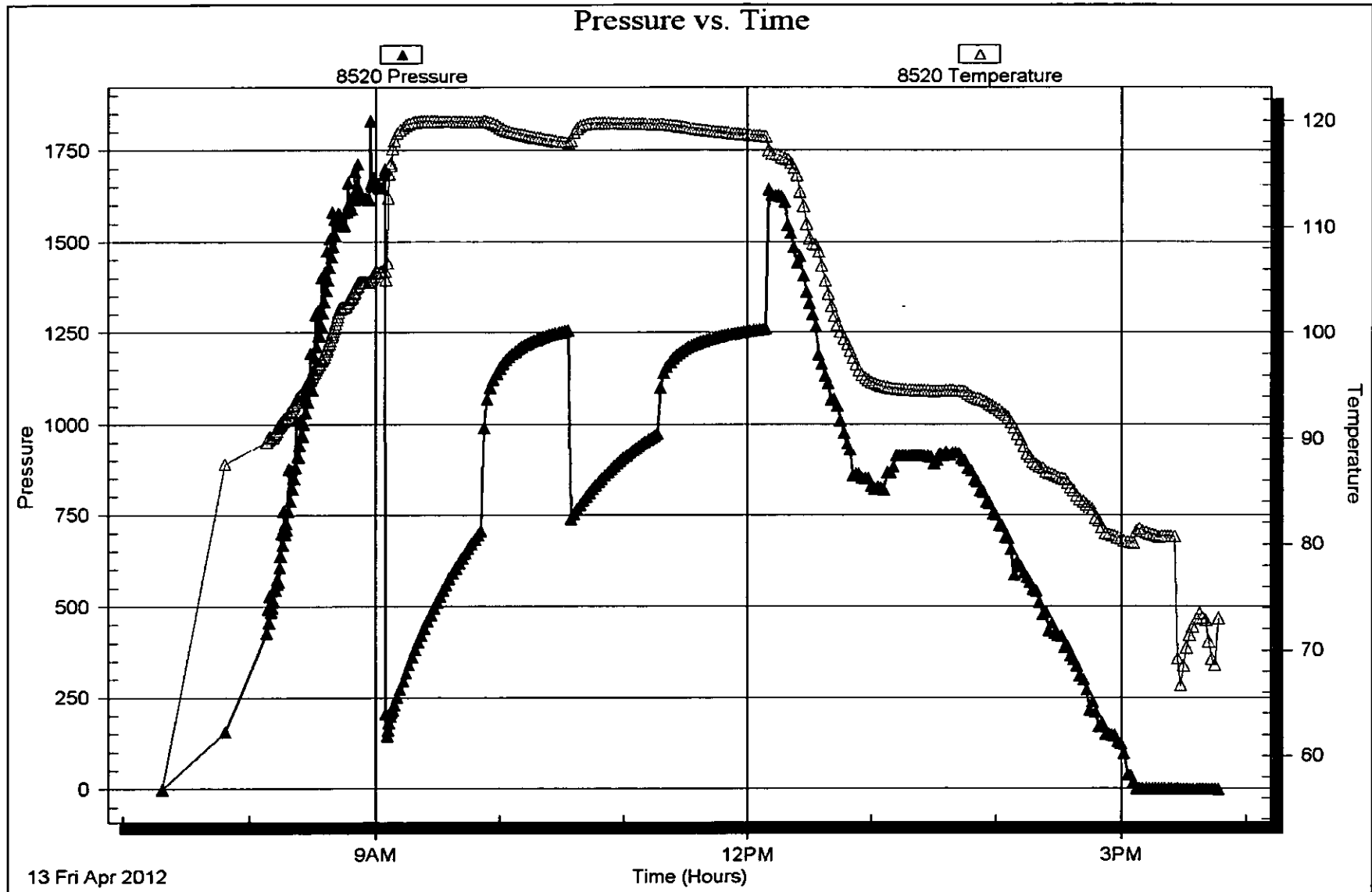
Serial #:

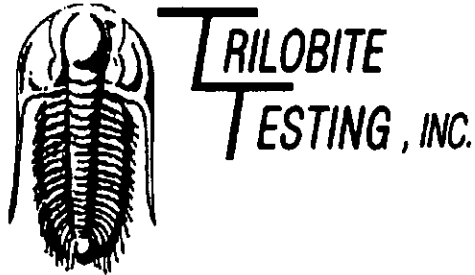
Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Tengasco, Inc.**

1327 Noose 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

Tengasco, Inc.

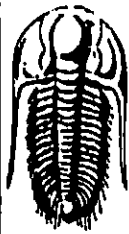
34-12s-20w Ellis,KS

Schneller #6

DST # 2

LKC "D-F"

2012.04.14



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@RunDepth: 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

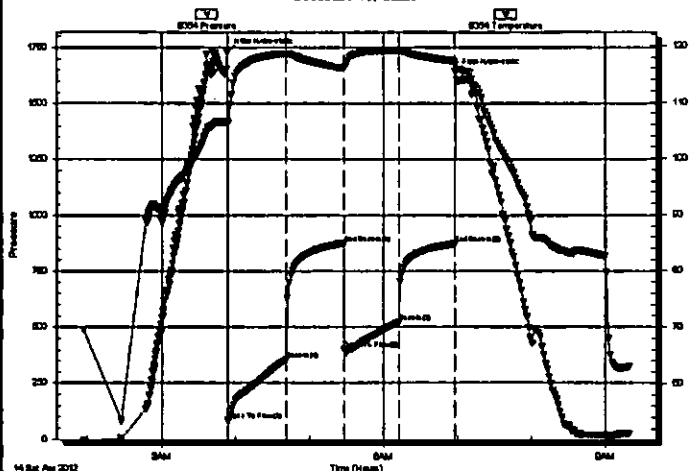
End Time: 09:19:45

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.
IS-Weak surface return for 3 minutes.
FF-Strong building blow . BOB in 6 minutes 30 seconds.
FSI-Weak surface return for 4 minutes.

Pressure vs. Time



PRESSURE SUMMARY

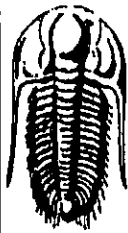
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1727.07	106.56	Initial Hydro-static
1	82.80	106.18	Open To Flow (1)
48	354.68	118.57	Shut-in(1)
95	873.37	115.96	End Shut-in(1)
95	400.49	116.26	Open To Flow (2)
139	523.46	119.11	Shut-in(2)
185	873.03	117.23	End Shut-in(2)
185	1639.98	116.75	Final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



TRILLOBITE 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

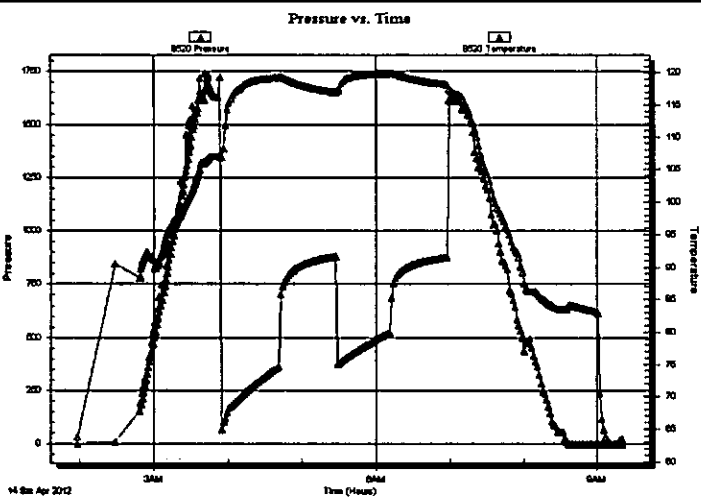
Test Start: 2012.04.14 @ 01:47:15

GENERAL INFORMATION:

Formation: **LKC "D-F"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:53:45
 Time Test Ended: 09:19:45
 Interval: **3537.00 ft (KB) To 3575.00 ft (KB) (TVD)**
 Total Depth: **3575.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Rash
 Unit No: 38
 Reference Elevations: 2194.00 ft (KB)
 2185.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8520 Outside
 Press@RunDepth: 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: 01:58:15 End Time: 09:20:15 Time On Btm:
 Time Off Btm:

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



PRESSURE SUMMARY

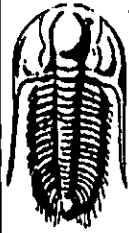
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

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

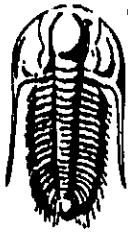
Tool Information

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	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:

bbl

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 bbl
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

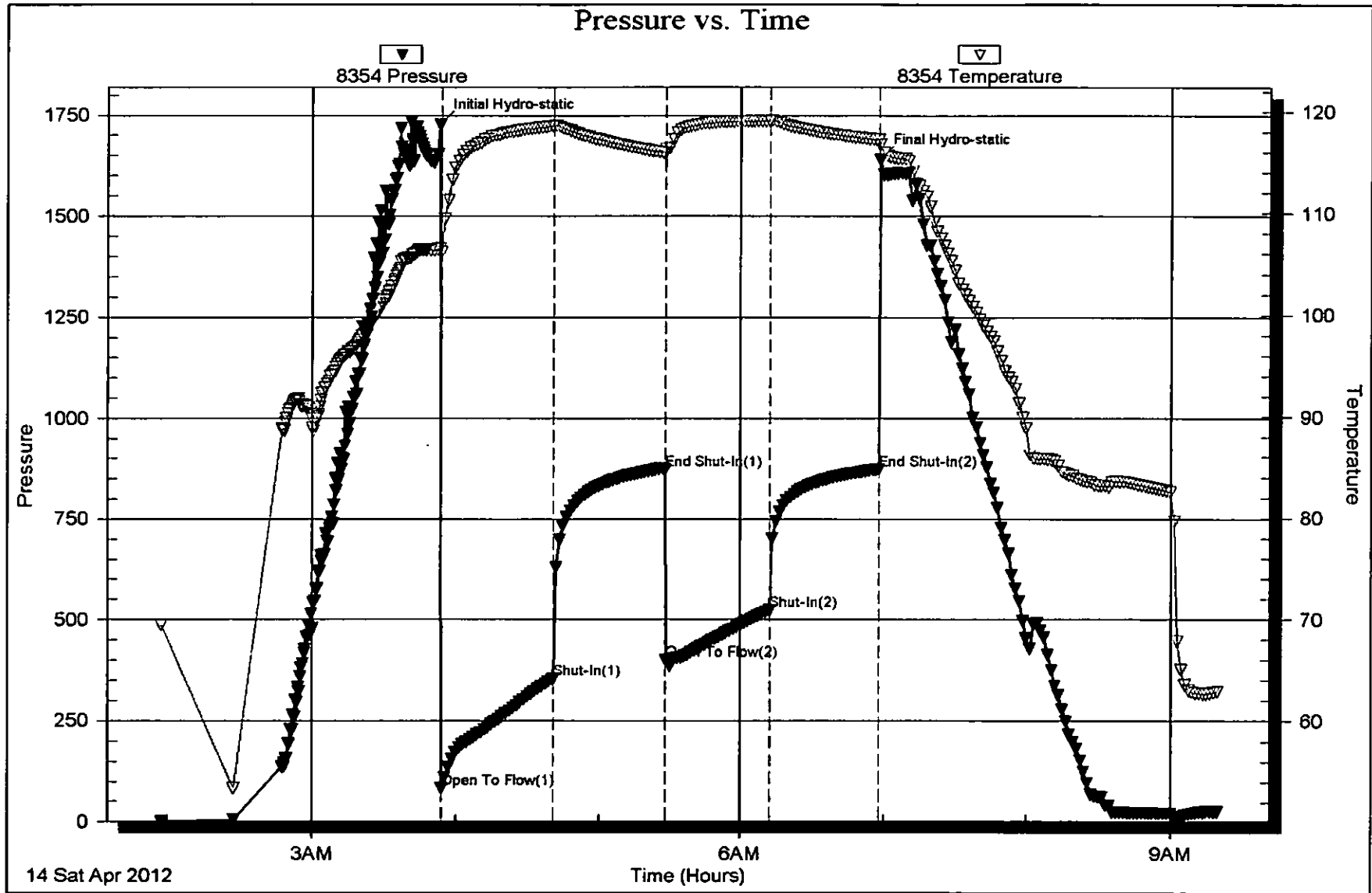
Num Gas Bombs: 0

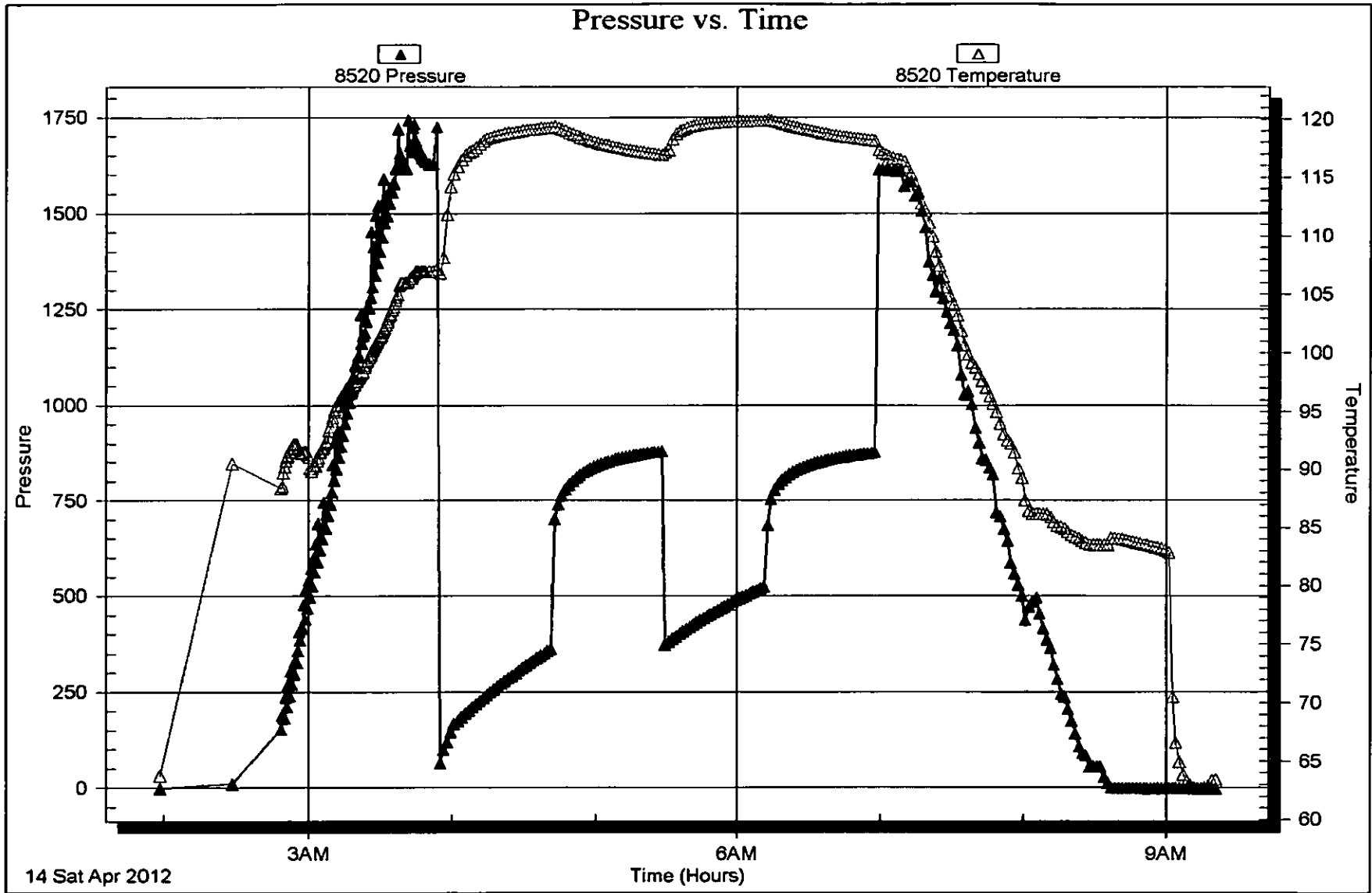
Serial #:

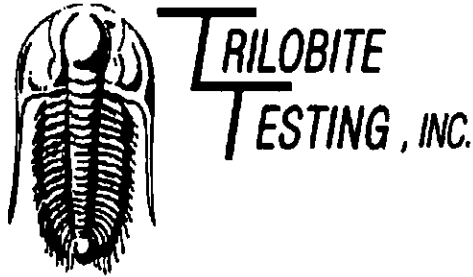
Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Tengasco, Inc.**

1327 Noose Rd.
Hays, KS 67601

ATTN: Clayton Erickson

Schneller #6

34-12s-20w Ellis,KS

Start Date: 2012.04.15 @ 01:05:15

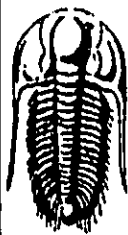
End Date: 2012.04.15 @ 06:50:45

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 "R&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)

Total Depth: 3679.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2194.00 ft (KB)

2185.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8354 Inside

Press@RunDepth: 45.55 psig @ 3666.00 ft (KB)

Start Date: 2012.04.15

End Date: 2012.04.15

Start Time: 01:15:15

End Time: 06:50:45

Capacity: 8000.00 psig

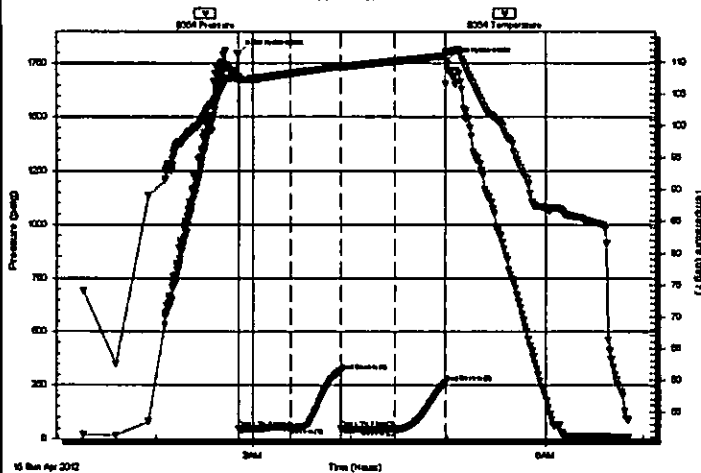
Last Calib.: 2012.04.15

Time On Btm: 2012.04.15 @ 02:51:05

Time Off Btm: 2012.04.15 @ 04:59:15

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

Pressure vs. Time



PRESSURE SUMMARY

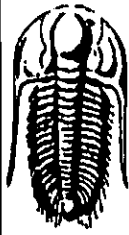
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1797.29	107.79	Initial Hydro-static
1	46.20	107.13	Open To Flow (1)
33	52.94	108.24	Shut-in(1)
63	315.08	109.36	End Shut-in(1)
64	47.88	109.30	Open To Flow (2)
97	45.55	110.17	Shut-in(2)
128	258.77	110.97	End Shut-in(2)
129	1760.28	111.73	Final Hydro-static

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

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)**

Total Depth: **3679.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Fair

Reference Elevations: **2194.00 ft (KB)**

2185.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: **8520** Outside

Press@RunDepth: **psig @ 3666.00 ft (KB)**

Start Date: **2012.04.15**

End Date: **2012.04.15**

Capacity: **8000.00 psig**

Last Calib.: **2012.04.15**

Start Time: **01:15:30**

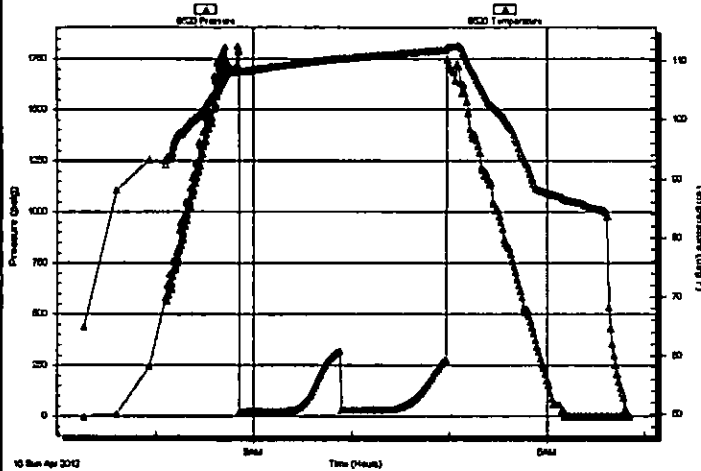
End Time: **06:50:00**

Time On Btm:

Time Off Btm:

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 vs. Time



PRESSURE SUMMARY

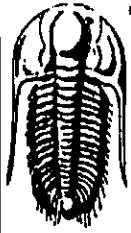
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

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

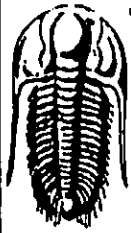
Test Start: 2012.04.15 @ 01:05:15

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
			Total Volume: 48.13 bbl	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	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

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 6.79 in³

Resistivity: ohm.m

Salinity: 1700.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

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

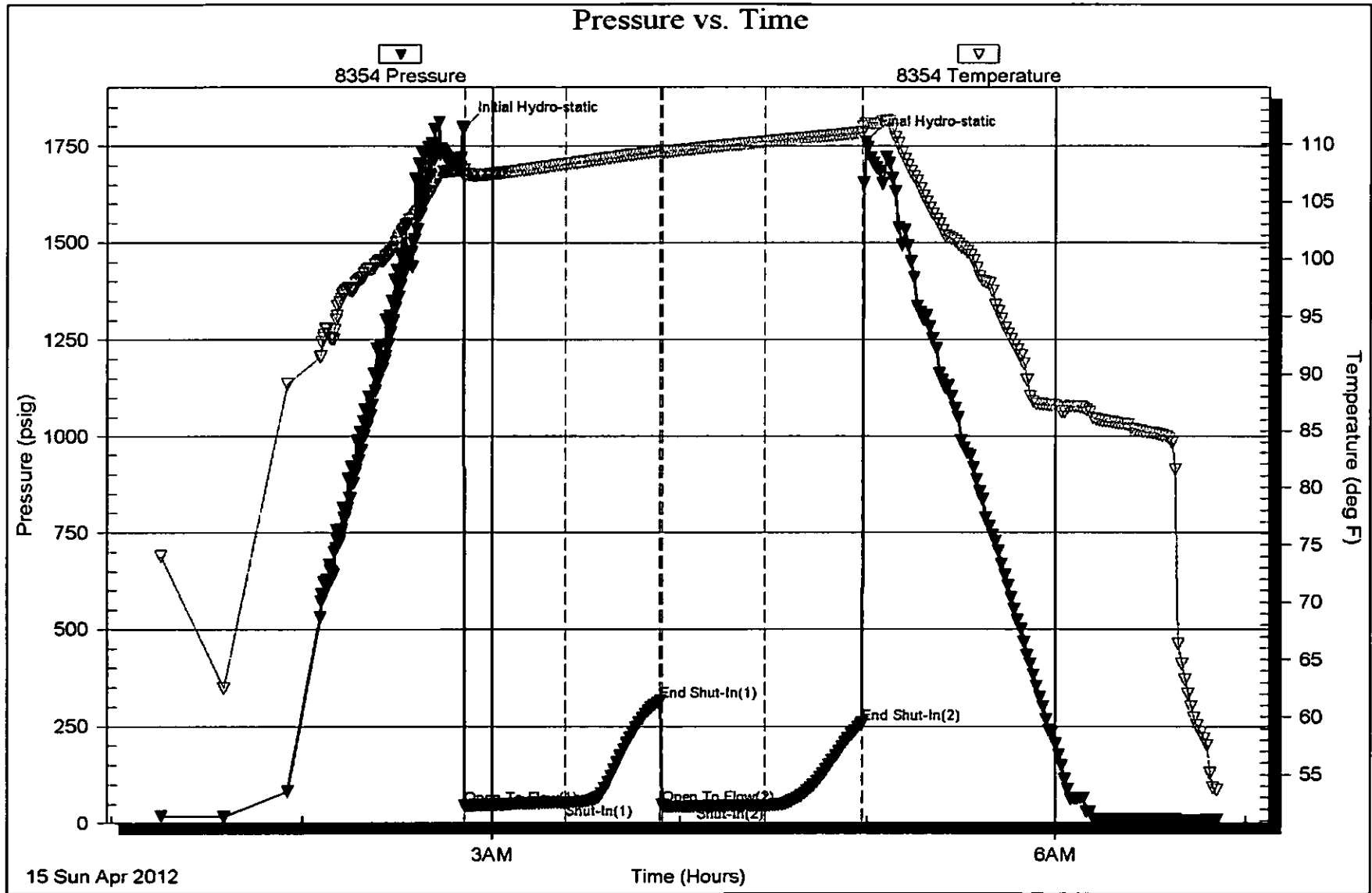
Num Gas Bombs: 0

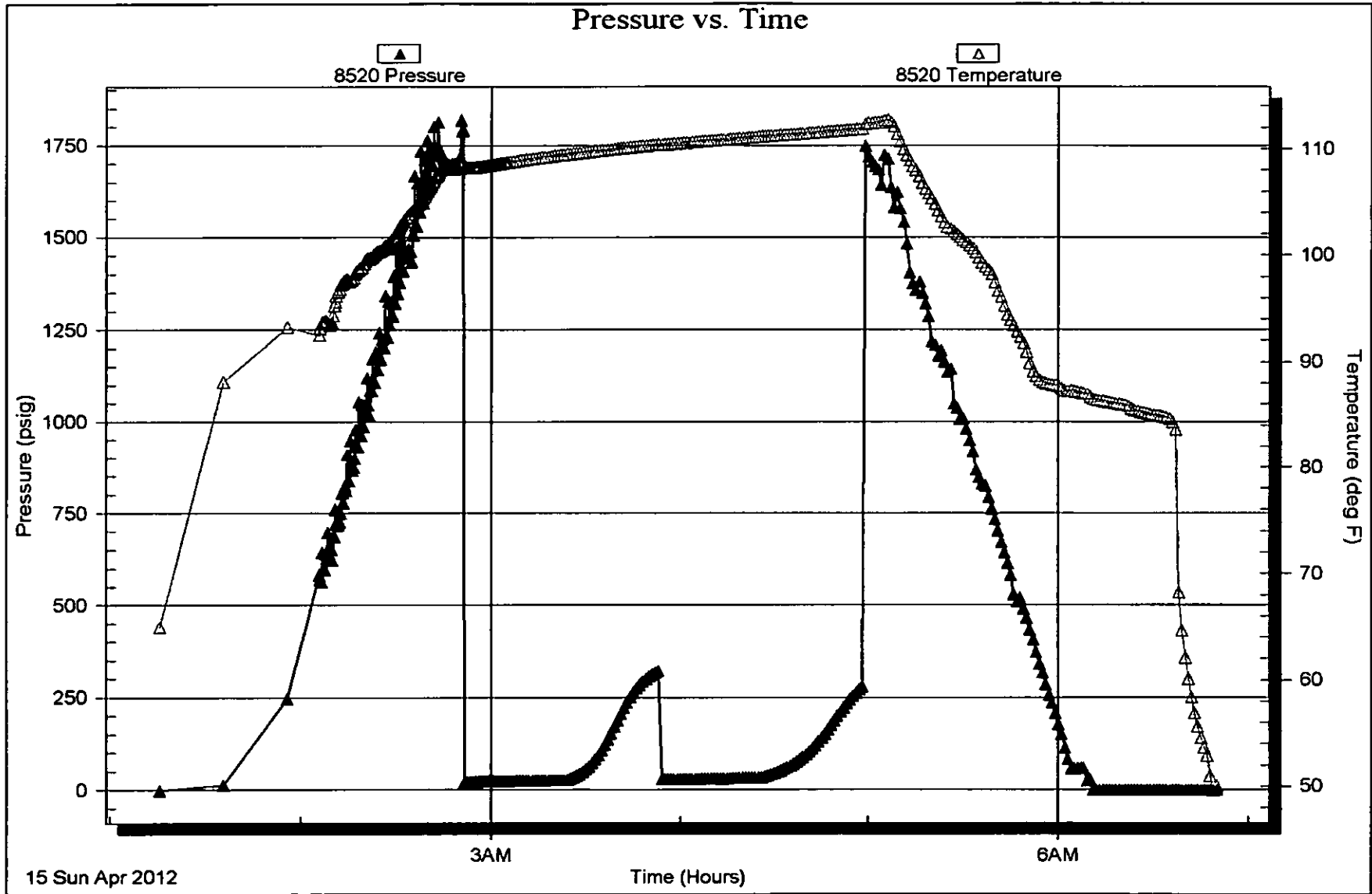
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE 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 1329 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 LRC "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 Wt. 6.2
 Total Depth 3534 Chlorides 1600 ppm System LCM 1#

Blow Description IF - 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	G/O/M/W	10	30	40	20
680	G/M/O/W	10	20	60	10
125	Muddy Water			90	10
	1209' G.I.P.				

Rec Total 1766 BHT 119 Gravity 38 API RW 102 @ 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 727 Mileage 23X2 64.40 Comments Barf-0708
 (G) Final Shut-In 1259 Sampler _____
 (H) Final Hydrostatic 1632 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1614.40 MP/DST Disc't _____

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Approved By _____ Our Representative D. Rash
 Trilobite 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 FF - Strong building blow, BOB in 4 minutes 30 seconds,
FF - 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 14.40 Comments Boat-0147
 (G) Final Shut-In 873 Sampler _____
 (H) Final Hydrostatic 1640 Straddle _____

Initial Open 45 Shale Packer _____
 Initial Shut-In 45 Extra Packer _____
 Final Flow 45 Extra Recorder _____
 Final Shut-In 45 Day Standby _____
 Accessibility _____
 Sub Total 1514.40 MP/DST Disc'l _____

Approved By _____ Our Representative D. Rash

Trilobite 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

Test Ticket

NO. 47216

Well Name & No. Scheller #6 BT. _____ Test No. 3 Date 4-15-12
 Company Verigasco, Inc. Elevation 2194 KB 2185 GL _____
 Address 1327 Moose Rd. Hays, KS 67601
 Co. Rep / Geo. Clayton Erickson Rig HZ #3
 Location: Soc. 34 Twp. 12S Rge. ZOW 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 VF - Very weak surface blow. Died @ 8 minutes 30 seconds.
VST - No Return.
FF - Very weak surface blow. Died @ 9 minutes.
FST - No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>USOCM</u>	<u>2</u>		<u>98</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 _____ API RW _____ @ _____ °F Chlorides _____ 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 _____ T-Pulled 0455
 (E) Second Initial Flow 48 Hourly Standby _____ T-Out 0645
 (F) Second Final Flow 46 Mileage 23K2 71.50 Comments BHT-0105
 (G) Final Shut-In 259 Sampler x2 143' landed tools
 (H) Final Hydrostatic 1760 Straddle _____ 4.1.16 3:30 pm
 Shale Packer _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____

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

Approved By _____ Our Representative D. Rash

Triobite 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.