



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1200115  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

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

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1200115

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

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

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Circle Star Operating Corp
Well Name	Lynd Family Trust 13-1
Doc ID	1200115

All Electric Logs Run

CDNL
DIL
ML
BCS
CBL





# ALLIED

OIL & GAS SERVICES, LLC

PO Box 93999  
Southlake, TX 76092

Voice: (817) 546-7282  
Fax: (817) 246-3361

# INVOICE

Invoice Number: 141602  
Invoice Date: Feb 28, 2014  
Page: 1

RECEIVED  
3/10/14  
TA



**Bill To:**  
Circle Star Operating Corp  
7065 Confederate Pk Rd  
Suite 102  
Fort Worth, TX 76108

Lynd Family Trust 13-1

Customer ID	Field Ticket #	Payment Terms	
CircSt	54991	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Feb 28, 2014	3/30/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Lynd Family Trust B #1		
150.00	CEMENT MATERIALS	Class A Common	17.90	2,685.00
282.00	CEMENT MATERIALS	Gel	0.24	67.68
423.00	CEMENT MATERIALS	Chloride	0.80	338.40
150.00	CEMENT SERVICE	Cubic Feet Charge	2.48	372.00
246.75	CEMENT SERVICE	Ton Mileage Charge	2.60	641.55
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
70.00	CEMENT SERVICE	Heavy Vehicle Mileage	7.70	539.00
35.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	154.00
1.00	CEMENT SUPERVISOR	Robert Yakubovich		
1.00	EQUIPMENT OPERATOR	Nathan Donner		
1.00	OPERATOR ASSISTANT	Joe Goodson		

Subtotal	6,309.88
Sales Tax	236.47
Total Invoice Amount	6,546.35
Payment/Credit Applied	
<b>TOTAL</b>	<b>6,546.35</b>

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 1,261.98

ONLY IF PAID ON OR BEFORE  
Mar 25, 2014

# ALLIED OIL & GAS SERVICES, LLC 054991

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Russell KS

DATE <u>2-28-14</u>	SEC <u>13</u>	TWP <u>11</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION	JOB START <u>10:30am</u>	JOB FINISH <u>11:00pm</u>
<u>Lynd Family</u>	WELL# <u>13-1</u>		LOCATION <u>Ogallah 7N 2E 1/2 N</u>		COUNTY <u>Trego</u>	STATE <u>KS</u>	
LEASE <u>Trust</u>	OLD OR NEW (Circle one)		<u>Winto</u>				

CONTRACTOR Integrity #11  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 220  
 CASING SIZE 8 7/8 23' DEPTH 213  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 15  
 CEMENT LEFT IN CSG. 15  
 PERFS.  
 DISPLACEMENT 12.6/661

OWNER  
 CEMENT  
 AMOUNT ORDERED 150 com 32cc 29gal  
 COMMON 150 @ 17.90 2685.00  
 POZMIX @  
 GEL 282# @ .24 67.68  
 CHLORIDE 423# @ .80 338.40  
 ASC @  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 HANDLING 150 @ 2.48 372.00  
 MILEAGE 296.75 +/m 2.60 641.55  
 TOTAL 4104.63

EQUIPMENT

PUMP TRUCK CEMENTER Robert Y  
 # 409 HELPER Nathan D  
 BULK TRUCK  
 # 37840 DRIVER Jac  
 BULK TRUCK  
 # DRIVER

REMARKS:

see log

Thank you!!!

SERVICE

DEPTH OF JOB 213  
 PUMP TRUCK CHARGE 1512.25  
 EXTRA FOOTAGE @  
 MILEAGE 70 HVMI @ 7.70 539.00  
 MANIFOLD @  
35 LVMI @ 4.40 154.00  
 @

TOTAL 2205.25

CHARGE TO: Circle Star Operating Corp.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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) \_\_\_\_\_  
 TOTAL CHARGES 6309.88  
 DISCOUNT 1261.98 IF PAID IN 30 DAYS

PRINTED NAME Jayne Wellson

SIGNATURE Jayne Wellson

net \$ 5047.90



PO Box 93999  
Southlake, TX 76092



# INVOICE

Invoice Number: 141883  
Invoice Date: Mar 11, 2014  
Page: 1

Voice: (817) 546-7282  
Fax: (817) 246-3361

Bill To:
Circle Star Operating Corp 7065 Confederate Pk Rd Suite 102 Fort Worth, TX 76108

RECEIVED  
3/31/14  
127

Customer ID	Field Ticket #	Payment Terms	
CircSt	62011	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-02	Oakley	Mar 11, 2014	4/10/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Lynd Family Trust #13-1		
4.00	CEMENT MATERIALS	Gel	23.40	93.60
200.00	CEMENT MATERIALS	ASC	20.90	4,180.00
1,000.00	CEMENT MATERIALS	Gilsonite	0.98	980.00
21.00	CEMENT MATERIALS	Salt	26.35	553.35
12.00	CEMENT MATERIALS	DV 1100	58.70	704.40
255.96	CEMENT SERVICE	Cubic Feet Charge	2.48	634.78
390.95	CEMENT SERVICE	Ton Mileage Charge	2.60	1,016.47
1.00	CEMENT SERVICE	Long String	2,765.75	2,765.75
35.00	CEMENT SERVICE	Pump Truck Mileage	7.70	269.50
1.00	CEMENT SERVICE	Manifold Head Rental	275.00	275.00
35.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	154.00
1.00	EQUIPMENT SALES	5-1/2 Port Collar	3,590.00	3,590.00
15.00	EQUIPMENT SALES	5-1/2 Centralizer	57.00	855.00
3.00	EQUIPMENT SALES	5-1/2 Basket	395.00	1,185.00
1.00	EQUIPMENT SALES	5-1/2 AFU Float Shoe	545.00	545.00
1.00	EQUIPMENT SALES	5-1/2 Latch Down Plug Assembly	325.00	325.00
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Tyler Flipse		

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 2,325.37

ONLY IF PAID ON OR BEFORE

Apr 5, 2014

Subtotal	18,126.85
Sales Tax	995.37
Total Invoice Amount	19,122.22
Payment/Credit Applied	
<b>TOTAL</b>	<b>19,122.22</b>



# ALLIED OIL & GAS SERVICES, LLC 062011

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:  
Oakley KS

DATE <u>3-11-14</u>	SEC. <u>13</u>	TWP. <u>11</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00am</u>	JOB FINISH <u>12:30am</u>
<u>Lynd Family Lease Trust</u>	WELL# <u>13-1</u>	LOCATION <u>Ogallah N to Rd D</u>			COUNTY <u>Trego</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>2 E 1/2 N Winto</u>			

CONTRACTOR Integrity II  
 TYPE OF JOB Production (long string)  
 HOLE SIZE 7 7/8 T.D. 4037'  
 CASING SIZE 5 1/2 DEPTH 4027.99'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL Part Collar DEPTH 1789'  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 42.40'  
 CEMENT LEFT IN CSG. 42.40'  
 PERFS.  
 DISPLACEMENT 94.86 bbl water  
 EQUIPMENT

OWNER Same  
 CEMENT  
 AMOUNT ORDERED 200 sks ASC  
10% salt 5# Gilsonite 20% gel  
 COMMON @  
 POZMIX @  
 GEL 4 sks @ 23.40 93.60  
 CHLORIDE @  
 ASC 200 sks @ 20.90 4180.00  
Gilsonite 1000# @ .98 980.00  
 @  
Salt 21 sks @ 26.35 553.35  
 @  
DV 1100 12 bbl @ 58.70 704.40  
 @  
 @  
 @  
 HANDLING 255.96 #13 @ 2.48 634.78  
 MILEAGE 11.17 hrs @ 35 mi @ 42.60 1016.47  
 TOTAL 8162.60

PUMP TRUCK CEMENTER Paul Brewer  
 # 120 HELPER Tyler Flipse  
 BULK TRUCK  
 # Stole DRIVER Juan I TWS  
 BULK TRUCK  
 # DRIVER

REMARKS:  
Run Pipe/Float Equip, Drop ball, ball went through shoe @ 400' mix 12 bbl DV-1100 mix 30 sks in R.H mix 170 sks ASC Displace w/ water, plug did land @ 1200' w/ 800' lift pressure float did hold  
Thank you Paul & Tyler

CHARGE TO: Circle Star Oper.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME \_\_\_\_\_  
 SIGNATURE Jayson Walker

SERVICE  
 DEPTH OF JOB 4027.99  
 PUMP TRUCK CHARGE 2765.75  
 EXTRA FOOTAGE @  
 MILEAGE MLHV 35 @ 7.70 269.50  
 MANIFOLD Head @ 275.00  
MLV 35 @ 4.40 154.00  
 @  
 TOTAL 3464.25

PLUG & FLOAT EQUIPMENT  
Part Collar @ 3590.00  
Centralizers 15 @ 57.00 855.00  
Baskets 3 @ 395.00 1185.00  
AFV Float shoe @ 545.00  
Latchdown plug Assy @ 325.00  
 TOTAL 6500.00

SALES TAX (if Any) \_\_\_\_\_  
 TOTAL CHARGES 18,126.85  
 DISCOUNT 2,325.37 IF PAID IN 30 DAYS  
15,801.48 Net.



PO Box 93999  
Southlake, TX 76092

Voice: (817) 546-7282  
Fax: (817) 246-3361

# INVOICE

Invoice Number: 141889  
Invoice Date: Mar 15, 2014  
Page: 1



RECEIVED  
3/21/14  
BT

Bill To:
Circle Star Operating Corp 7065 Confederate Pk Rd Suite 102 Fort Worth, TX 76108

Customer ID	Field Ticket #	Payment Terms	
CircSt	62052	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-04	Oakley	Mar 15, 2014	4/14/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Lynd Family Trust #13-1		
175.00	CEMENT MATERIALS	Light Weight	15.95	2,791.25
44.00	CEMENT MATERIALS	Flo Seal	2.97	130.68
362.67	CEMENT SERVICE	Cubic Feet Charge	2.48	899.42
543.60	CEMENT SERVICE	Ton Mileage Charge	2.60	1,413.36
1.00	CEMENT SERVICE	Port Collar	2,483.59	2,483.59
36.00	CEMENT SERVICE	Pump Truck Mileage	7.70	277.20
36.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	158.40
1.00	EQUIPMENT OPERATOR	Talon Jones		
1.00	EQUIPMENT OPERATOR	Wayne McGhghy		
1.00	OPERATOR ASSISTANT	Adam Flipse		

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 1,630.79

ONLY IF PAID ON OR BEFORE

Apr 9, 2014

Subtotal	8,153.90
Sales Tax	223.53
Total Invoice Amount	8,377.43
Payment/Credit Applied	
<b>TOTAL</b>	<b>8,377.43</b>

# ALLIED OIL & GAS SERVICES, LLC 062052

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

Orkneyks

DATE <u>3-18-19</u>	SEC. <u>13</u>	TWP. <u>11</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION <u>9:00am</u>	JOB START <u>9:30 am</u>	JOB FINISH <u>10 am</u>
Bynd family LEASE Trust				WELL.# <u>13-1</u>	LOCATION <u>Ogallala N. to Rd.D</u>	COUNTY <u>Trego</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)			2E 1/2 N W into				

CONTRACTOR P.P.S  
 TYPE OF JOB Production (Port Coller)  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE 5 1/2 DEPTH \_\_\_\_\_  
 TUBING SIZE 2 7/8 DEPTH 1789  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL Port collar DEPTH 1789  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT water

EQUIPMENT  
 PUMP TRUCK CEMENTER Talon Jones  
 # 422 HELPER Wayne McElghy  
 BULK TRUCK  
 # 818/287 DRIVER Adam Lipsie  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:  
test tool 1000psi (class) open tool  
mixed 125 sks @ 1789ft to surface shut tool  
Ran 5 Joints Reverse Clean  
  
Thank You!

CHARGE TO: Circle Star oper  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME \_\_\_\_\_  
 SIGNATURE [Signature]

OWNER Circle Star oper.  
 CEMENT  
 AMOUNT ORDERED 325 sks light 1/4 flt  
  
 COMMON \_\_\_\_\_ @ \_\_\_\_\_  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 ASC \_\_\_\_\_ @ \_\_\_\_\_  
125 ~~275~~ sks light blend @ 15.95 2,296.25  
(416) 1/4 FID @ 2.97 1,300.69  
  
 HANDLING 362.67 cdt @ 2.48 899.42  
 MILEAGE 15.1 ton X 260 X 36mi 1412.36  
 TOTAL 5234.76

SERVICE  
 DEPTH OF JOB 1789ft  
 PUMP TRUCK CHARGE 2988.59  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 36 mi @ 7.90 2,27.20  
 MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_  
light duty mt 36mi @ 4.40 158.40  
 TOTAL 2,919.19  
1685.60

PLUG & FLOAT EQUIPMENT  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

SALES TAX (if Any) \_\_\_\_\_  
 TOTAL CHARGES 8,153.95  
 DISCOUNT 1,630.79 IF PAID IN 30 DAYS  
6,523.16 Net.



## DRILL STEM TEST REPORT

Prepared For: **Circle Star Operating Corp**

7065 Confederate PK Rd  
Suite 102  
Fort Worth Texas 76108

ATTN: Jayme Wollison, Chri

**Lynd #13-1**

**13-11s-22w Trego,KS**

Start Date: 2014.03.07 @ 23:25:46

End Date: 2014.03.08 @ 07:34:55

Job Ticket #: 54077                      DST #: 1

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

Printed: 2014.03.15 @ 11:40:13



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Circle Star Operating Corp

**13-11s-22w Trego,KS**

7065 Confederate PK Rd  
Suite 102  
Fort Worth Texas 76108  
ATTN: Jayme Wollison, Chri

**Lynd #13-1**

Job Ticket: 54077

**DST#: 1**

Test Start: 2014.03.07 @ 23:25:46

## GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:45:11

Time Test Ended: 07:34:55

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 70

**Interval: 3576.00 ft (KB) To 3599.00 ft (KB) (TVD)**

Reference Elevations: 2257.00 ft (KB)

Total Depth: 3599.00 ft (KB) (TVD)

2248.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 8369**

**Inside**

Press@RunDepth: 18.68 psig @ 3577.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.07

End Date:

2014.03.08

Last Calib.:

2014.03.08

Start Time:

23:25:46

End Time:

07:34:55

Time On Btm:

2014.03.08 @ 02:39:56

Time Off Btm:

2014.03.08 @ 05:40:10

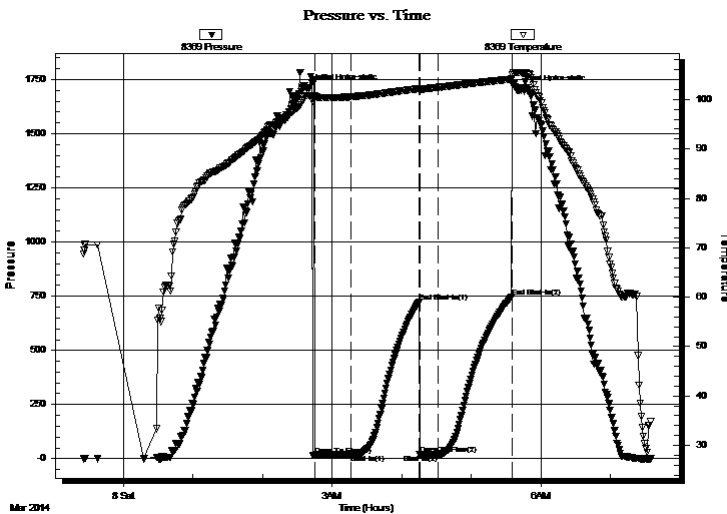
TEST COMMENT: 30-IFP-w k bl 1/2"to surface bl

60-ISIP-no bl

15-FFP-no bl

60-FSIP-no bl

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1708.77	100.84	Initial Hydro-static
6	17.09	100.41	Open To Flow (1)
36	18.52	100.54	Shut-In(1)
95	724.38	102.20	End Shut-In(1)
96	18.33	102.03	Open To Flow (2)
112	18.68	102.48	Shut-In(2)
175	747.56	104.12	End Shut-In(2)
181	1702.05	105.49	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/show of oil	0.07

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Circle Star Operating Corp

13-11s-22w Trego, KS

7065 Confederate PK Rd  
Suite 102  
Fort Worth Texas 76108  
ATTN: Jayme Wollison, Chri

Lynd #13-1

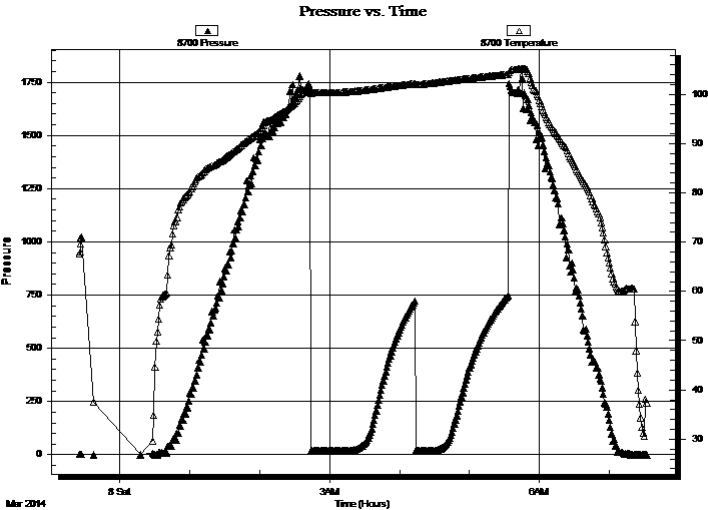
Job Ticket: 54077      **DST#: 1**  
Test Start: 2014.03.07 @ 23:25:46

## GENERAL INFORMATION:

Formation: **LKC "C"**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 02:45:11      Tester: Ray Schwager  
 Time Test Ended: 07:34:55      Unit No: 70  
 Interval: **3576.00 ft (KB) To 3599.00 ft (KB) (TVD)**      Reference Elevations: 2257.00 ft (KB)  
 Total Depth: 3599.00 ft (KB) (TVD)      2248.00 ft (CF)  
 Hole Diameter: 7.88 inches      Hole Condition: Fair      KB to GR/CF: 9.00 ft

**Serial #: 8700 Outside**  
 Press@RunDepth: psig @ 3577.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2014.03.07      End Date: 2014.03.08      Last Calib.: 2014.03.08  
 Start Time: 23:25:24      End Time: 07:32:48      Time On Btm:  
 Time Off Btm:

TEST COMMENT: 30-IFP-w k bl 1/2" to surface bl  
 60-ISIP-no bl  
 15-FFP-no bl  
 60-FSIP-no bl



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/show of oil	0.07

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Circle Star Operating Corp

**13-11s-22w Trego,KS**

7065 Confederate PK Rd  
Suite 102

**Lynd #13-1**

Fort Worth Texas 76108

Job Ticket: 54077

**DST#: 1**

ATTN: Jayme Wollison, Chri

Test Start: 2014.03.07 @ 23:25:46

## Tool Information

Drill Pipe:	Length: 3575.00 ft	Diameter: 3.80 inches	Volume: 50.15 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 50.15 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3576.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 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			3548.00	
Shut In Tool	5.00			3553.00	
Hydraulic tool	5.00			3558.00	
Jars	5.00			3563.00	
Safety Joint	3.00			3566.00	
Packer	5.00			3571.00	29.00 Bottom Of Top Packer
Packer	5.00			3576.00	
Stubb	1.00			3577.00	
Recorder	0.00	8369	Inside	3577.00	
Recorder	0.00	8700	Outside	3577.00	
Perforations	19.00			3596.00	
Bullnose	3.00			3599.00	23.00 Bottom Packers & Anchor

**Total Tool Length: 52.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Circle Star Operating Corp

**13-11s-22w Trego,KS**

7065 Confederate PK Rd  
Suite 102

**Lynd #13-1**

Fort Worth Texas 76108

Job Ticket: 54077

**DST#: 1**

ATTN: Jayme Wollison, Chri

Test Start: 2014.03.07 @ 23:25:46

## 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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w/show of oil	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



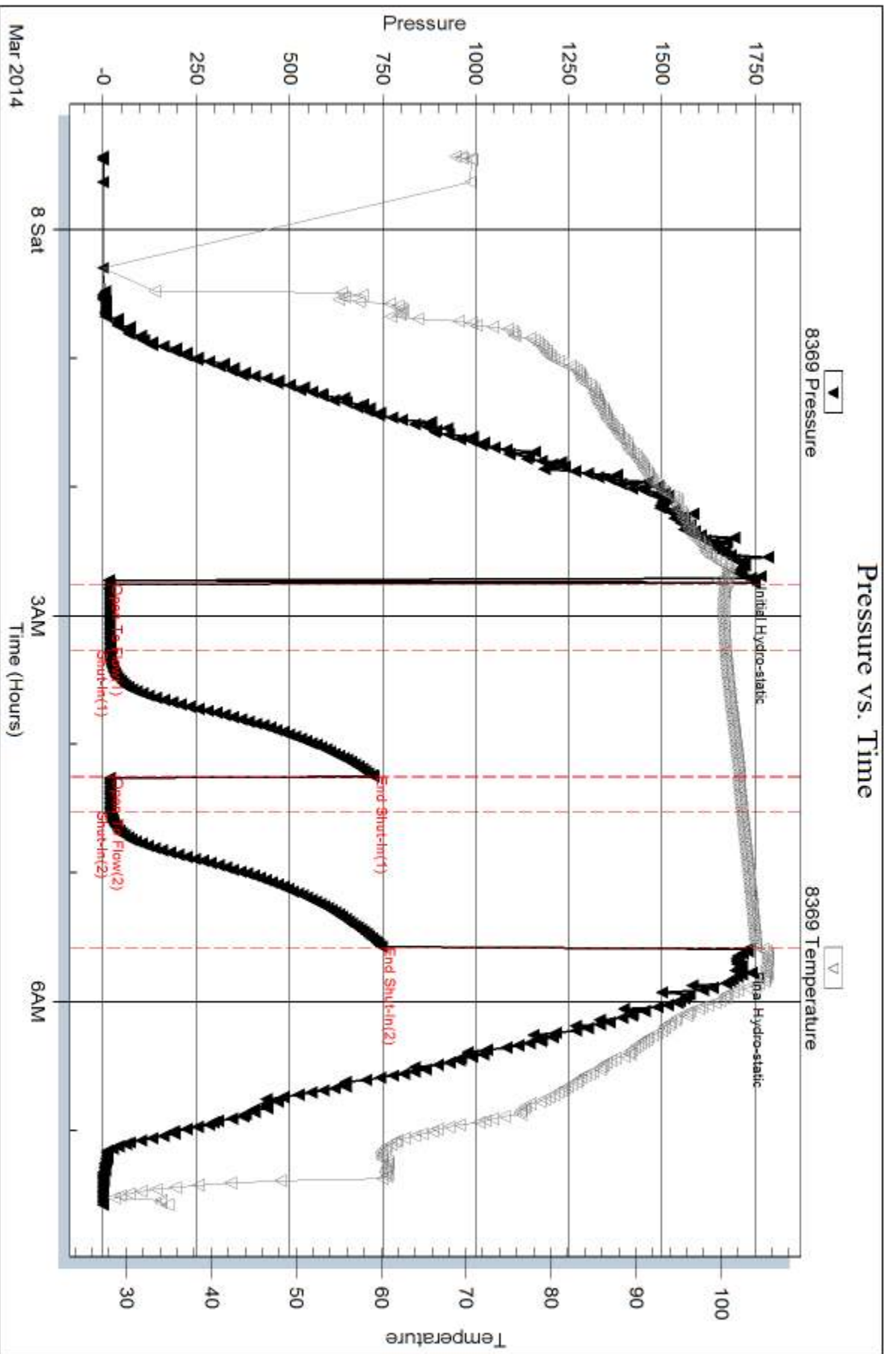
Serial #: 8369

Inside

Circle Star Operating Corp

Lynd #13-1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 54077

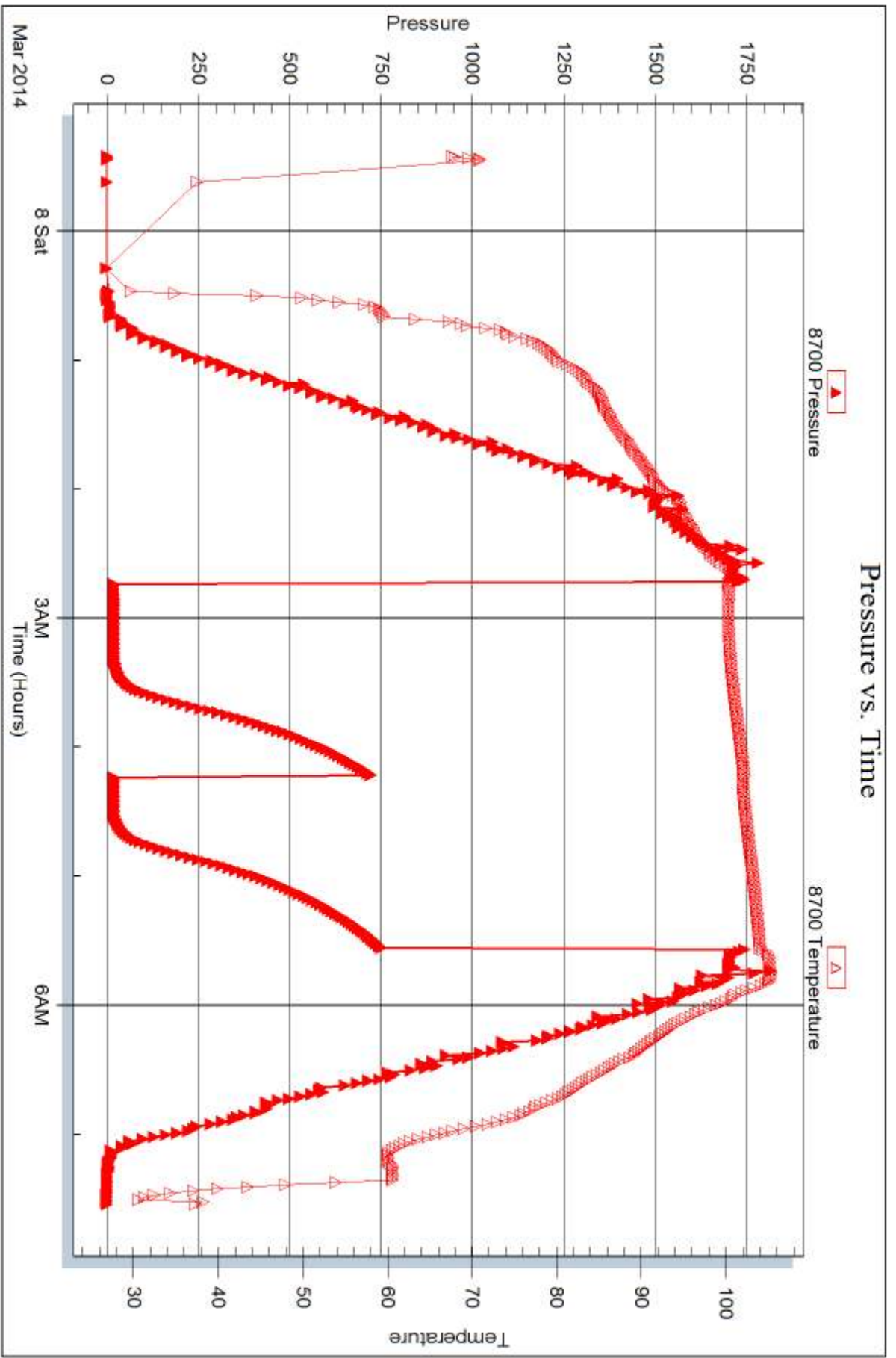
Printed: 2014.03.15 @ 11:40:15

Serial #: 8700

Outside Circle Star Operating Corp

Lynd #13-1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Circle Star Operating Corp**

7065 Confederate PK Rd  
Suite 102  
Fort Worth Texas 76108

ATTN: Jayme Wollison, Chri

**Lynd #13-1**

**13-11s-22w Trego,KS**

Start Date: 2014.03.09 @ 21:00:28

End Date: 2014.03.10 @ 06:44:38

Job Ticket #: 54078                      DST #: 2

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

Printed: 2014.03.15 @ 11:39:43



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Circle Star Operating Corp

**13-11s-22w Trego,KS**

7065 Confederate PK Rd  
Suite 102  
Fort Worth Texas 76108  
ATTN: Jayme Wollison, Chri

**Lynd #13-1**

Job Ticket: 54078

**DST#: 2**

Test Start: 2014.03.09 @ 21:00:28

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:59:23

Time Test Ended: 06:44:38

Test Type: Conventional Straddle (Reset)

Tester: Ray Schwager

Unit No: 70

**Interval: 3850.00 ft (KB) To 3897.00 ft (KB) (TVD)**

Reference Elevations: 2257.00 ft (KB)

Total Depth: 4031.00 ft (KB) (TVD)

2248.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 8369**

**Inside**

Press@RunDepth: 1202.71 psig @ 3855.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.09

End Date:

2014.03.10

Last Calib.:

2014.03.10

Start Time: 21:00:28

End Time:

06:44:38

Time On Btm:

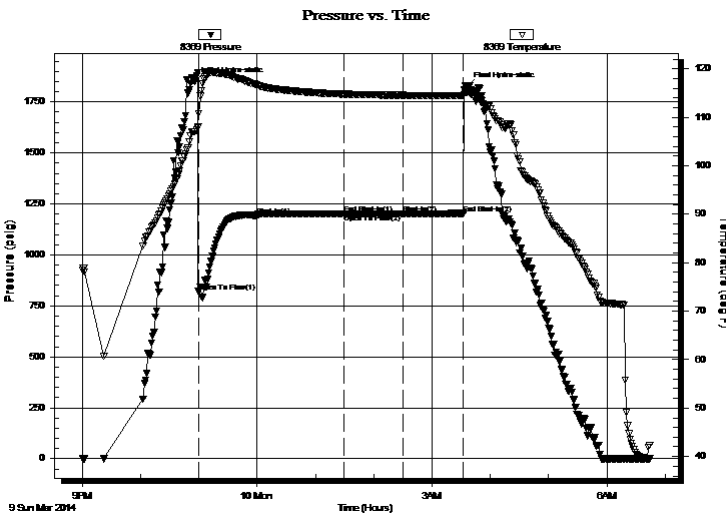
2014.03.09 @ 22:56:08

Time Off Btm:

2014.03.10 @ 03:36:22

TEST COMMENT: 60-IFP-strg bl thru-out  
90-ISIP-no bl  
60-FFP-w k bl, 1/4"bl  
60-FSIP-no bl

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1851.25	106.98	Initial Hydro-static
4	820.41	108.14	Open To Flow (1)
64	1193.66	116.77	Shut-In(1)
153	1202.29	114.78	End Shut-In(1)
153	1199.62	114.78	Open To Flow (2)
214	1202.71	114.55	Shut-In(2)
277	1202.45	114.50	End Shut-In(2)
281	1824.13	115.14	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
300.00	MW 30%M70%W	4.21
2260.00	Water	31.70

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Circle Star Operating Corp  
 7065 Confederate PK Rd  
 Suite 102  
 Fort Worth Texas 76108  
 ATTN: Jayme Wollison, Chri

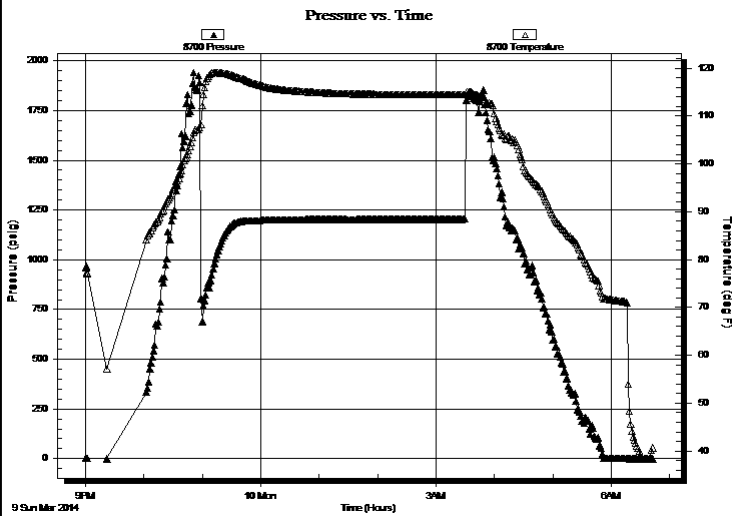
**13-11s-22w Trego,KS**  
**Lynd #13-1**  
 Job Ticket: 54078 **DST#: 2**  
 Test Start: 2014.03.09 @ 21:00:28

## GENERAL INFORMATION:

Formation: **Marmaton**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 22:59:23  
 Time Test Ended: 06:44:38  
 Interval: **3850.00 ft (KB) To 3897.00 ft (KB) (TVD)**  
 Total Depth: 4031.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Reset)  
 Tester: Ray Schwager  
 Unit No: 70  
 Reference Elevations: 2257.00 ft (KB)  
 2248.00 ft (CF)  
 KB to GR/CF: 9.00 ft

**Serial #: 8700 Outside**  
 Press@RunDepth: psig @ 3855.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.03.09 End Date: 2014.03.10 Last Calib.: 2014.03.10  
 Start Time: 21:00:08 End Time: 06:42:48 Time On Btm:  
 Time Off Btm:

TEST COMMENT: 60-IFP-strg bl thru-out  
 90-ISIP-no bl  
 60-FFP-w k bl , 1/4"bl  
 60-FSIP-no bl



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
300.00	MW 30%M70%W	4.21
2260.00	Water	31.70

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Circle Star Operating Corp

**13-11s-22w Trego,KS**

7065 Confederate PK Rd  
Suite 102  
Fort Worth Texas 76108  
ATTN: Jayme Wollison, Chri

**Lynd #13-1**

Job Ticket: 54078

**DST#: 2**

Test Start: 2014.03.09 @ 21:00:28

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:59:23

Time Test Ended: 06:44:38

Test Type: Conventional Straddle (Reset)

Tester: Ray Schwager

Unit No: 70

**Interval: 3850.00 ft (KB) To 3897.00 ft (KB) (TVD)**

Reference Elevations: 2257.00 ft (KB)

Total Depth: 4031.00 ft (KB) (TVD)

2248.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 8374 Below (Straddle)**

Press@RunDepth: psig @ 3904.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.09

End Date:

2014.03.10

Last Calib.:

2014.03.10

Start Time: 21:00:29

End Time:

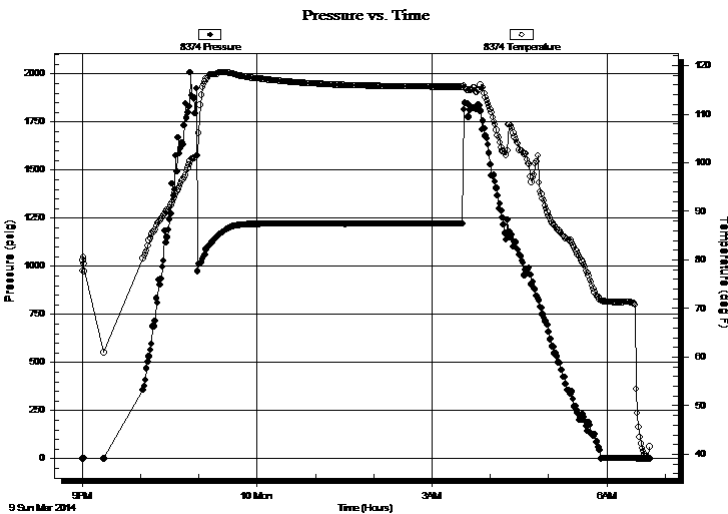
06:44:09

Time On Btm:

Time Off Btm:

TEST COMMENT: 60-IFP-strg bl thru-out  
90-ISIP-no bl  
60-FFP-w k bl, 1/4"bl  
60-FSIP-no bl

## PRESSURE SUMMARY



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

## Recovery

Length (ft)	Description	Volume (bbl)
300.00	MW 30%M70%W	4.21
2260.00	Water	31.70

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Circle Star Operating Corp

**13-11s-22w Trego,KS**

7065 Confederate PK Rd  
Suite 102  
Fort Worth Texas 76108  
ATTN: Jayme Wollison, Chri

**Lynd #13-1**

Job Ticket: 54078

**DST#: 2**

Test Start: 2014.03.09 @ 21:00:28

## Tool Information

Drill Pipe:	Length: 3827.00 ft	Diameter: 3.80 inches	Volume: 53.68 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 53.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3850.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	3897.00 ft			
Interval between Packers:	47.00 ft			
Tool Length:	214.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

**Length (ft) Serial No. Position Depth (ft) Accum. Lengths**

Change Over Sub	1.00			3822.00	
Shut In Tool	5.00			3827.00	
Hydraulic tool	5.00			3832.00	
Jars	5.00			3837.00	
Safety Joint	3.00			3840.00	
Packer	5.00			3845.00	29.00 Bottom Of Top Packer
Packer	5.00			3850.00	
Stubb	1.00			3851.00	
Perforations	4.00			3855.00	
Recorder	0.00	8369	Inside	3855.00	
Recorder	0.00	8700	Outside	3855.00	
Blank Spacing	33.00			3888.00	
Perforations	5.00			3893.00	
Blank Off Sub	1.00			3894.00	
Blank Spacing	3.00			3897.00	47.00 Tool Interval
Packer	5.00			3902.00	
Stubb	1.00			3903.00	
Perforations	1.00			3904.00	
Recorder	0.00	8374	Below	3904.00	
Blank Spacing	128.00			4032.00	
Bullnose	3.00			4035.00	138.00 Bottom Packers & Anchor

**Total Tool Length: 214.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Circle Star Operating Corp

**13-11s-22w Trego,KS**

7065 Confederate PK Rd  
Suite 102

**Lynd #13-1**

Fort Worth Texas 76108

Job Ticket: 54078

**DST#: 2**

ATTN: Jayme Wollison, Chri

Test Start: 2014.03.09 @ 21:00:28

### 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:

31000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
300.00	MW 30%M70%W	4.208
2260.00	Water	31.702

Total Length: 2560.00 ft      Total Volume: 35.910 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

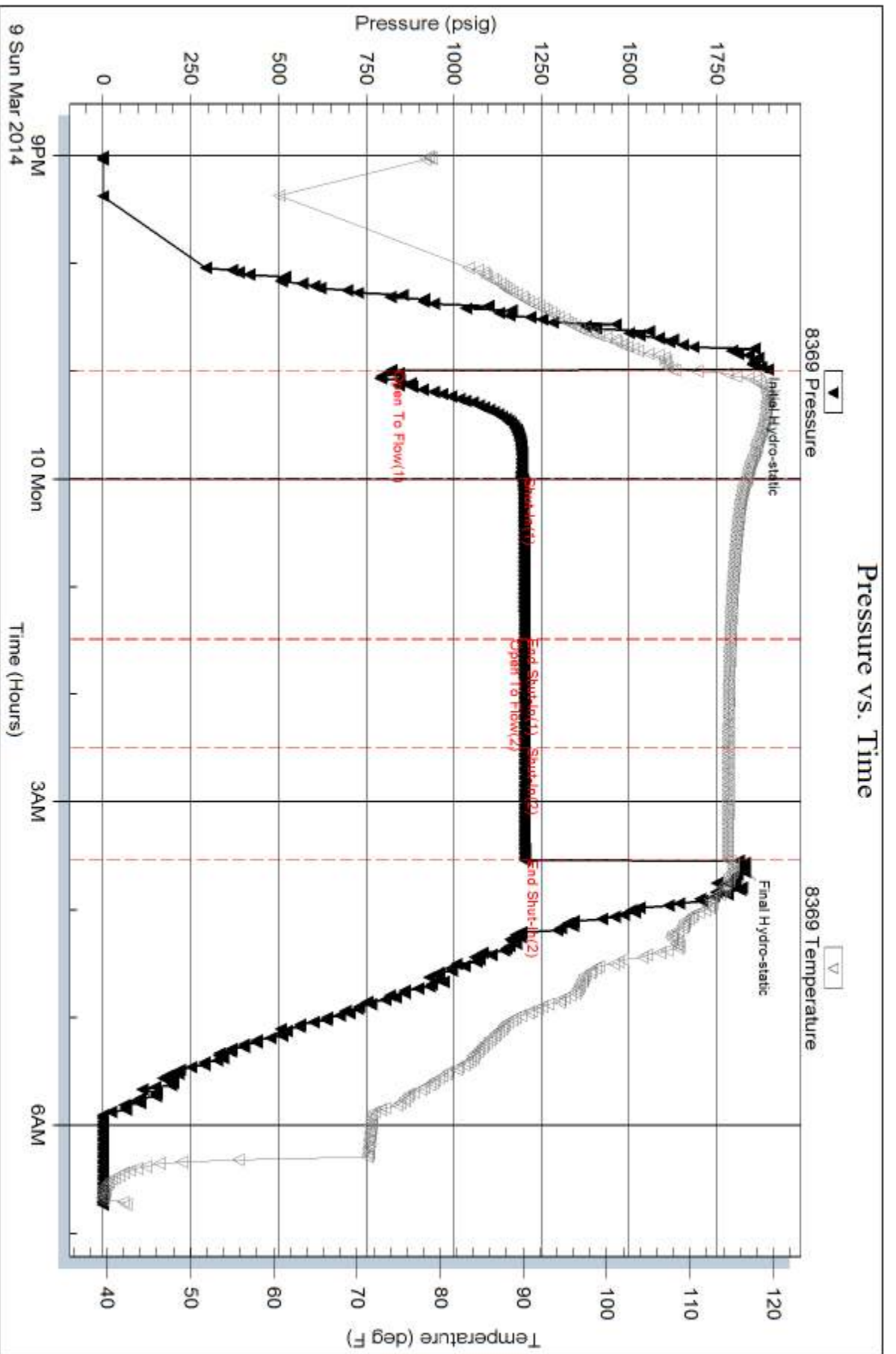
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .31 @ 50F



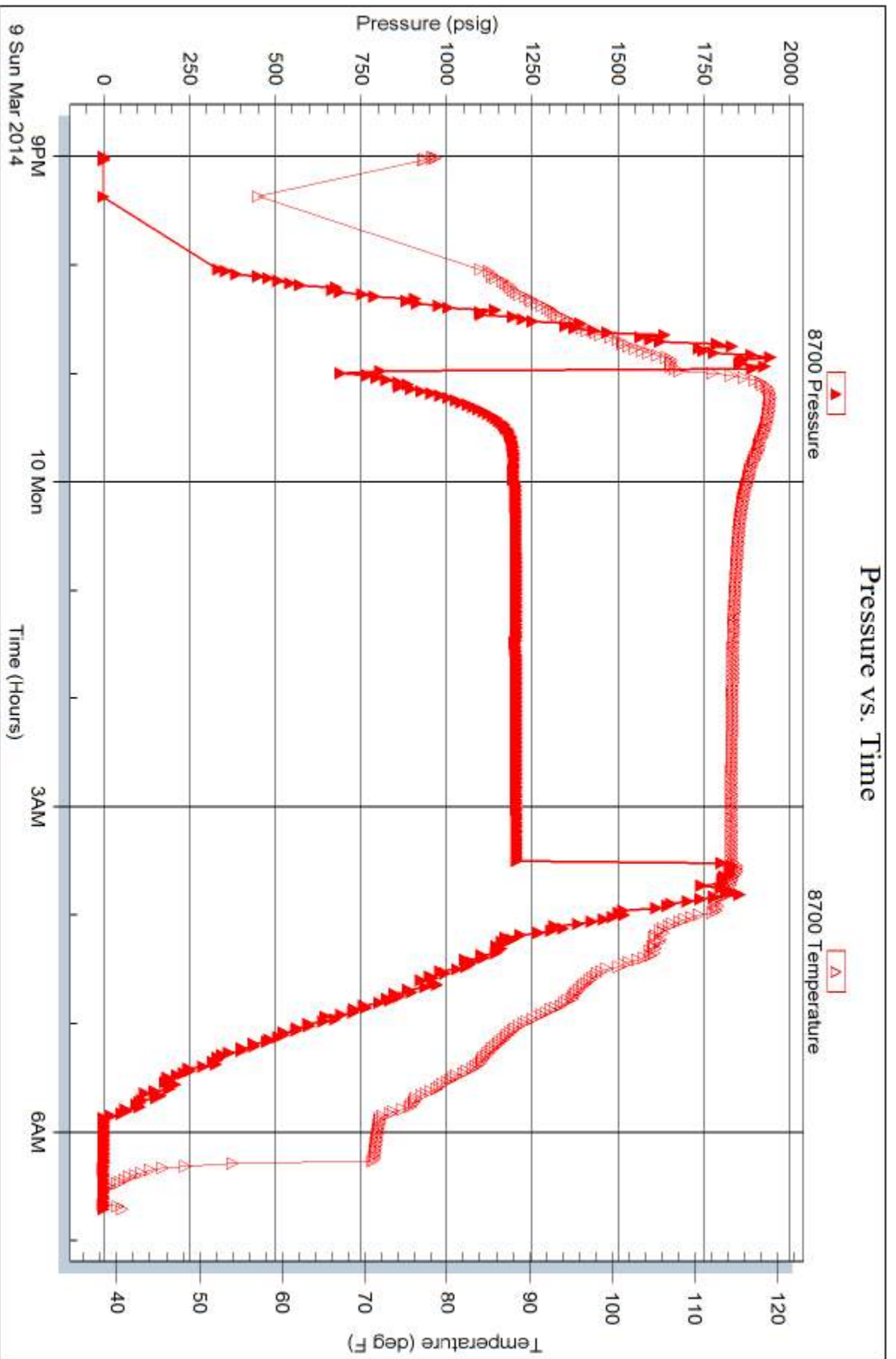


Serial #: 8700

Outside Circle Star Operating Corp

Lynd #13-1

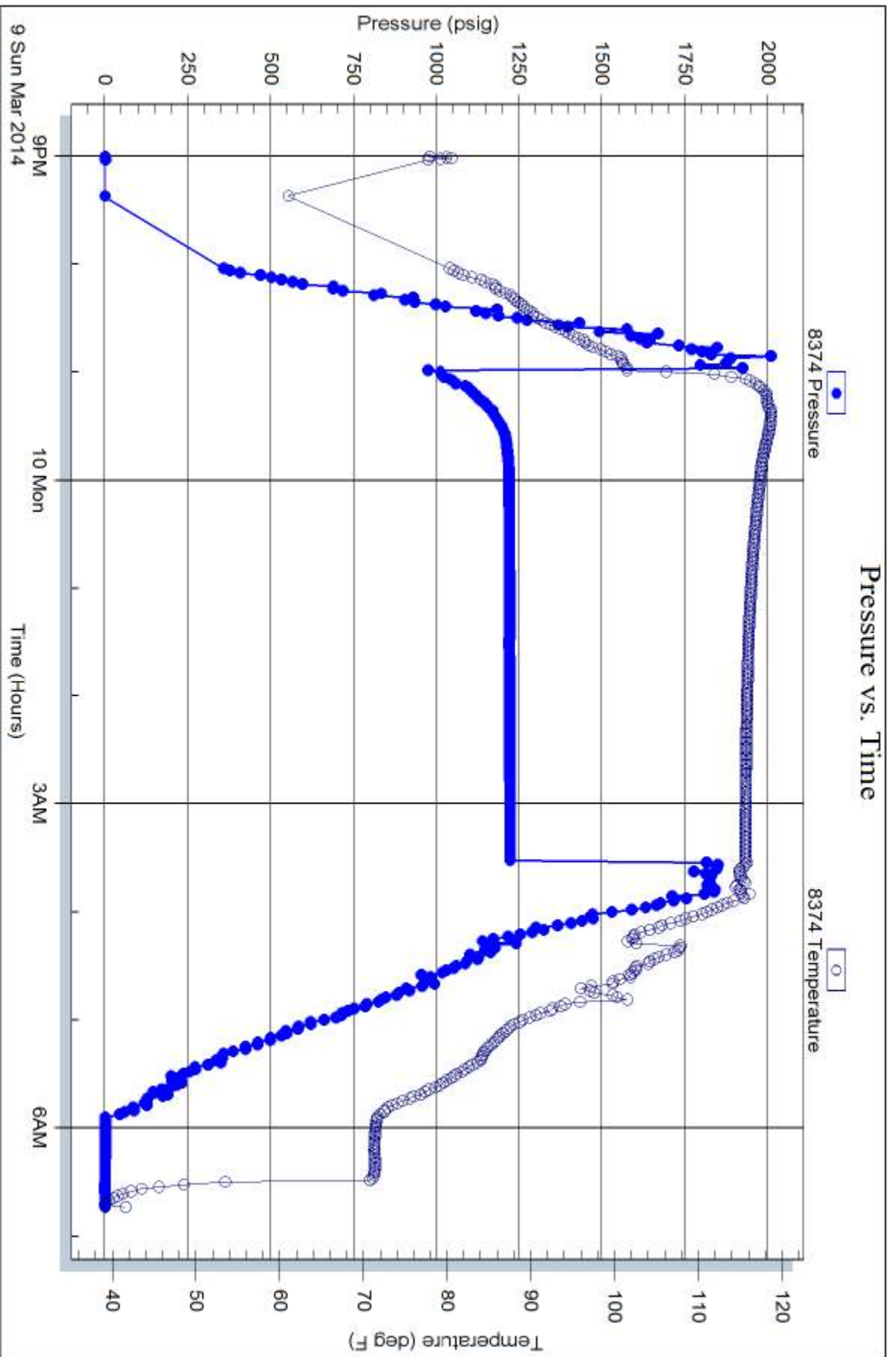
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 54078

Printed: 2014.03.15 @ 11:39:46





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 54077

Well Name & No. Lynd 13-1 Test No. 1 Date 3-7-14  
 Company CIRCLE STAR Operating Corp Elevation 2250 KB 2248 GL  
 Address 7065 CONFEDERATE PK RD, STE 102 FORT WORTH TEXAS 76108  
 Co. Rep / Geo. CHRIS BEAN Rig Integrity rig 11  
 Location: Sec. 13 Twp. 11<sup>S</sup> Rge. 22<sup>W</sup> Co. Trego State Ks

Interval Tested 3576-3599 Zone Tested LKC "C"  
 Anchor Length 23 Drill Pipe Run 3575 Mud Wt. 9  
 Top Packer Depth 3571 Drill Collars Run — Vis 54  
 Bottom Packer Depth 3576 Wt. Pipe Run — WL 6.8  
 Total Depth 3599 Chlorides 1500 ppm System LCM 1#

Blow Description IFP-Weak Blow, 1/2" To surface Blow  
ISIP-NO Blow  
FFP-NO Blow  
FSIP-NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</u>				
	<u>w/show oil</u>				

Rec Total 5 BHT 164 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>1708</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>2215</u>
(B) First Initial Flow <u>17</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2325</u>
(C) First Final Flow <u>18</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0245</u>
(D) Initial Shut-In <u>724</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0530</u>
(E) Second Initial Flow <u>18</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0734</u>
(F) Second Final Flow <u>18</u>	<input checked="" type="checkbox"/> Mileage <u>24RT</u> 114.70	Comments
(G) Final Shut-In <u>747</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1702</u>	<input type="checkbox"/> Straddle	

Initial Open 30  
 Initial Shut-In 60  
 Final Flow 15  
 Final Shut-In 60

Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total 0  
 Total 1839.70  
 MP/DST Disc't

Approved By \_\_\_\_\_ Our Representative Ray Schwager THANK YOU

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.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 54078

Well Name & No. Lynd 13-1 Test No. 2 Date 3-9-14  
 Company CIRCLE STAR OPERATING CORP Elevation 2257 KB 2248 GL  
 Address 7065 CONFEDERATE PK RD SUITE 102 FORT WORTH, TEXAS 76108  
 Co. Rep / Geo. CHRIS BEAN Rig INTEGRITY RIG II  
 Location: Sec. 13 Twp. 11<sup>S</sup> Rge. 22<sup>W</sup> Co. Trego State K

Interval Tested 3850-3897 Zone Tested MARMATOR  
 Anchor Length 47 Drill Pipe Run 3827 Mud Wt. 9.2  
 Top Packer Depth 3850-3845 Drill Collars Run - Vis 59  
 Bottom Packer Depth 3897 Wt. Pipe Run - WL 6.4  
 Total Depth 4031 Chlorides 1600 ppm System LCM TR.  
 Blow Description TFP - STRONG BLOW THRU-OUT  
ISTP - NO BLOW  
FFP - WEAK BLOW THRU-OUT 1/4" BLOW  
FSIP - NO BLOW

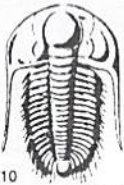
Rec	Feet of	%gas	%oil	%water	%mud
300	MW		70	30	
2260	WATER				

Rec Total 2560 BHT 114 Gravity - API RW .31 @ 50 °F Chlorides 31000 ppm

(A) Initial Hydrostatic <u>1851</u>	<input checked="" type="checkbox"/> Test <u>950</u>	T-On Location <u>2000</u>
(B) First Initial Flow <u>820</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2100</u>
(C) First Final Flow <u>1193</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>2255</u>
(D) Initial Shut-In <u>1203</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0325</u>
(E) Second Initial Flow <u>1199</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0644</u>
(F) Second Final Flow <u>1202</u>	<input checked="" type="checkbox"/> Mileage <u>74RT</u> 114.70	Comments
(G) Final Shut-In <u>1202</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1824</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input type="checkbox"/> Ruined Shale Packer
	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Open <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Initial Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Total <u>2239.70</u>
Final Flow <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
Final Shut-In <u>60</u>	Sub Total <u>2239.70</u>	

Approved By \_\_\_\_\_ Our Representative RAY SCHWAGER 404

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.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 54079

Well Name & No. Lynd 13-1 Test No. 3 Date 3-10-14  
 Company Circle STAR Operating Corp Elevation 2257 KB 2248 GL  
 Address 7065 Confederate PK Rd Suite 102 Fort Worth, Texas 76108  
 Co. Rep / Geo. Chris Bean Rig Integrity rig II  
 Location: Sec. 13 Twp. 11<sup>s</sup> Rge. 22<sup>w</sup> Co. Trego State Ks

Interval Tested 3850-3880 Zone Tested MARMATOR  
 Anchor Length 30 Drill Pipe Run \_\_\_\_\_ Mud Wt. \_\_\_\_\_  
 Top Packer Depth 3850-3845 Drill Collars Run — Vis \_\_\_\_\_  
 Bottom Packer Depth 3880-3885 Wt. Pipe Run — WL \_\_\_\_\_  
 Total Depth 4031 Chlorides \_\_\_\_\_ ppm System LCM \_\_\_\_\_

Blow Description \_\_\_\_\_

Rec	Feet of	%gas	%oil	%water	%mud

Rec Total \_\_\_\_\_ BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic \_\_\_\_\_  Test \_\_\_\_\_ T-On Location 1000  
 (B) First Initial Flow \_\_\_\_\_  Jars \_\_\_\_\_ T-Started \_\_\_\_\_  
 (C) First Final Flow \_\_\_\_\_  Safety Joint \_\_\_\_\_ T-Open \_\_\_\_\_  
 (D) Initial Shut-In \_\_\_\_\_  Circ Sub \_\_\_\_\_ T-Pulled \_\_\_\_\_  
 (E) Second Initial Flow \_\_\_\_\_  Hourly Standby 225 T-Out 1215  
 (F) Second Final Flow \_\_\_\_\_  Mileage 74RT 114.70  
 (G) Final Shut-In \_\_\_\_\_  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic \_\_\_\_\_  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_

Sub Total 339.70

MP/DST Disc't \_\_\_\_\_

Comments unloaded tool for DST #3, they decided NOT TO RUN TEST, loaded tool

Approved By \_\_\_\_\_ Our Representative \_\_\_\_\_

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