



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1189926
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: _____

1189926

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

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Raydon Exploration, Inc.
Well Name	Buffalo 1-27
Doc ID	1189926

All Electric Logs Run

Array Compensated True Resistivity Log
Dual Spaced Neutron Spectral Density Log
Borehole Compensated Sonic Array Log
Annular Hole Volume Plot
Microlog

Form	ACO1 - Well Completion
Operator	Raydon Exploration, Inc.
Well Name	Buffalo 1-27
Doc ID	1189926

Tops

Name	Top	Datum
Base Heebner	4031	-1147
Lansing FM	4119	-1235
Kansas City FM	4486	-1602
Marmaton	4601	-1717
Pawnee	4685	-1801
Ft. Scott	4718	-1834
Cherokee FM	4738	-1854
Morrow	4946	-2062
Chester FM	4986	-2102
St. Genevieve	5038	-2154
St. Louis	5119	-2235
Spergen	5400	-2735

Cement Report

Customer Raydon Exploration	Lease No.	Date 1/25/14
Lease Buffalo	Well # 1-27	Service Receipt
Casing	Depth	County Finney
Job Type PTA	Formation	State KS
Legal Description		

Pipe Data		Perforating Data		Cement Data
Casing size	Tubing Size	Shots/Ft		Lead 260SX PP @ 135# 1.50 7.50 Tail in
Depth	Depth	From	To	
Volume	Volume	From	To	
Max Press	Max Press	From	To	
Well Connection Drill Pipe	Annulus Vol.	From	To	
Plug Depth	Packer Depth	From	To	

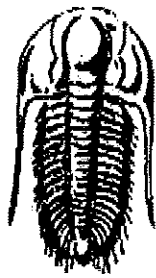
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
17:00					on loc, spot & R.O., safety netg
20:32		210	10	3	H ₂ O
20:35		230	13.36	3.4	start mixing 50sx @ 1860'
20:40		0	2	3.4	H ₂ O
20:40		170	21	5	Mud
21:03		210	10	3	H ₂ O
21:06		230	13.36	3.4	Mix 50sx @ 1620' 1620'
21:10		0	2	3.4	H ₂ O
21:10		140	17	5	Mud
21:44		170	10	3.8	H ₂ O
21:47		170	13.36	3.8	Mix 50sx @ 910' 910'
21:52		0	2	4	H ₂ O
22:56		130	10.6	5	Mix 40sx @ 350'
23:01		0	1	5	H ₂ O
23:10		60	5.4	4	Plug @ 60'
23:18					Plug @ R & M Job Complete

Service Units	74939	372233972	304631976		
Driver Names	Celinz	T. Marcellus	F. Ampevan		

Andrew
Customer Representative

Ferry Bennett
Station Manager

Chal
Cementer



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Raydon Exploration**

1601 NW Expressway
Oklahoma City OK 73118

ATTN: Ed Grieves

Buffalo #1-27

27-26s-32w Finney KS

Start Date: 2014.01.20 @ 01:45:18

End Date: 2014.01.20 @ 10:53:48

Job Ticket #: 55599 DST #: 1

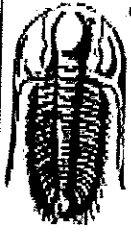
Raydon Exploration
27-26s-32w Finney KS
Buffalo #1-27
DST # 1
Pawnee
2014.01.20

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.01.27 @ 11:02:54



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raydon Exploration
1601 NW Expressway
Oklahoma City OK 73118
ATTN: Ed Grieves

27-26s-32w Finney KS
Buffalo #1-27
Job Ticket: 55599 **DST#: 1**
Test Start: 2014.01.20 @ 01:45:18

Tool Information

Drill Pipe:	Length: 4096.00 ft	Diameter: 3.80 inches	Volume: 57.46 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 600.00 ft	Diameter: 2.25 inches	Volume: 2.95 bbl	Weight to Pull Loose: 110000.0 lb
			<u>Total Volume: 60.41 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	4695.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4672.00	
Shut In Tool	5.00			4677.00	
Hydraulic tool	5.00			4682.00	
Jars	5.00			4687.00	
Safety Joint	3.00			4690.00	
Packer	5.00			4695.00	24.00 Bottom Of Top Packer
Packer - Shale	4.00			4699.00	
Stubb	1.00			4700.00	
Recorder	0.00	8373	Inside	4700.00	
Recorder	0.00	8356	Outside	4700.00	
Perforations	9.00			4709.00	
Bullnose	5.00			4714.00	19.00 Anchor Tool
Total Tool Length:	43.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raydon Exploration

27-26s-32w Finney KS

1601 NW Expressway
Oklahoma City OK 73118

Buffalo #1-27

Job Ticket: 55599

DST#: 1

ATTN: Ed Grieves

Test Start: 2014.01.20 @ 01:45:18

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

63000 ppm

Viscosity: 40.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
90.00	mcw 90%w 10%m	0.443

Total Length: 90.00 ft Total Volume: 0.443 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

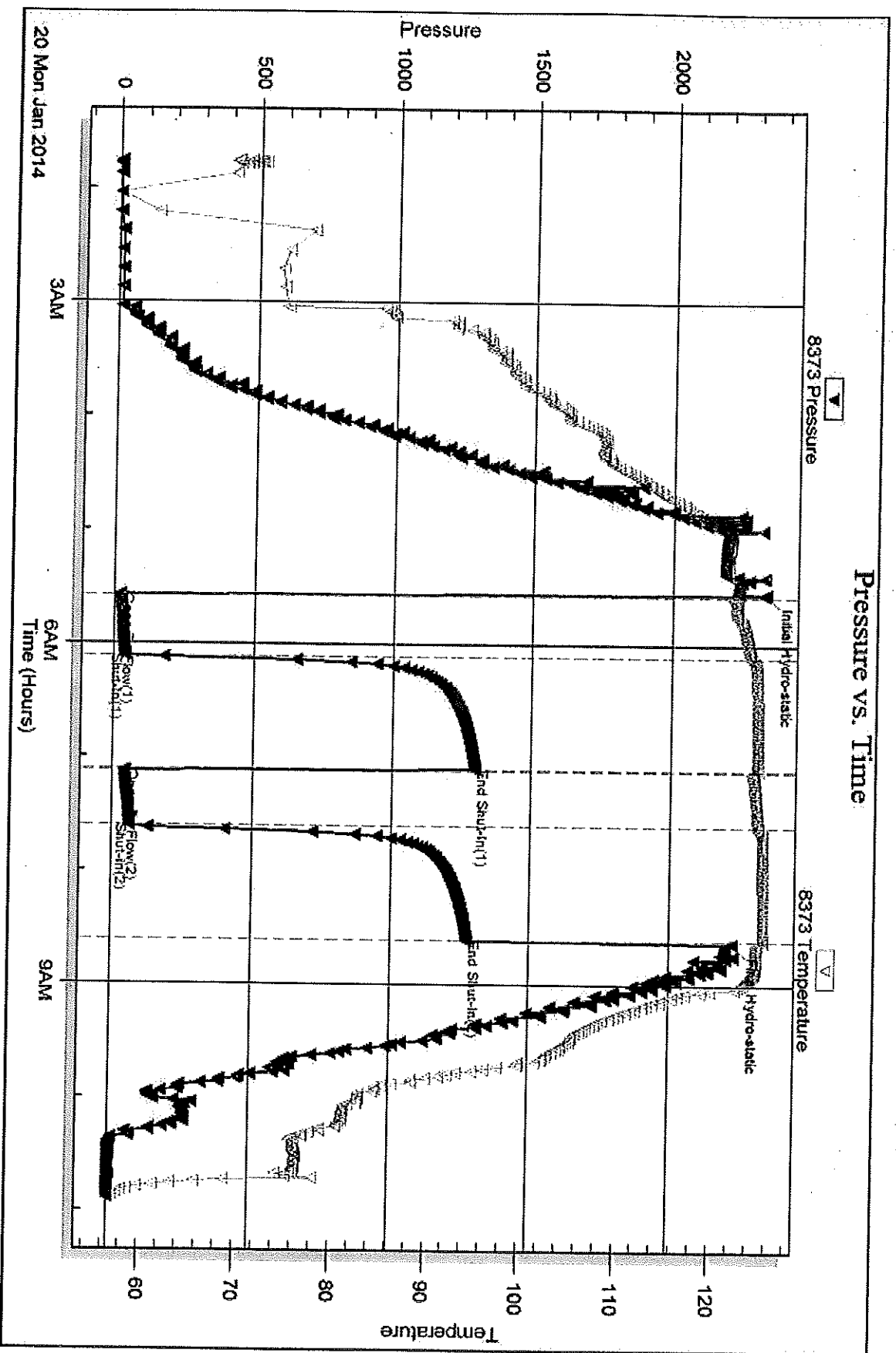
Laboratory Location:

Recovery Comments: .19@46=63000

Serial #: 8373 Inside Raydon Exploration

Buffalo #1-27

DST Test Number: 1



Triabite Testing, Inc

Ref. No: 55599

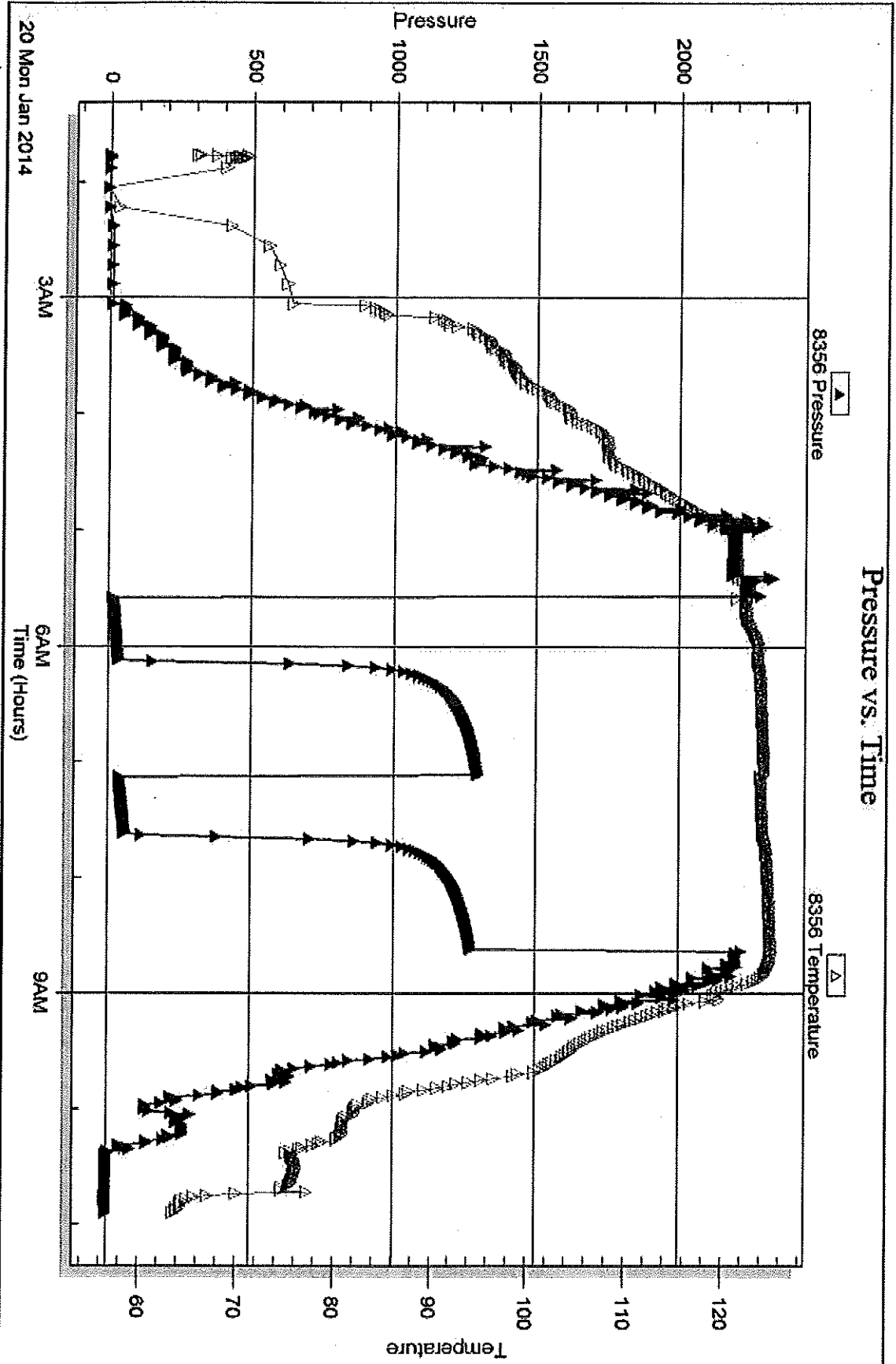
Printed: 2014.01.27 @ 11:02:57

Serial #: 8356

Outside Raydon Exploration

Buffalo #1-27

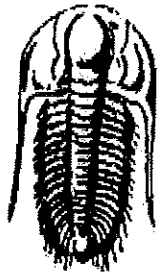
DST Test Number: 1



Tribble Testing, Inc

Ref. No: 55599

Printed: 2014.01.27 @ 11:02:57



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Raydon Exploration**

1601 NW Expressway
Oklahoma City OK 73118

ATTN: Ed Grieves

Buffalo #1-27

27-26s-32w Finney KS

Start Date: 2014.01.23 @ 17:45:27

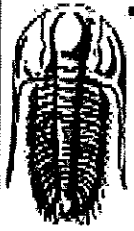
End Date: 2014.01.24 @ 05:18:27

Job Ticket #: 55600 DST #: 2

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

Printed: 2014.01.27 @ 11:00:55

Raydon Exploration
27-26s-32w Finney KS
Buffalo #1-27
DST # 2
Spengen
2014.01.23



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Raydon Exploration
 1601 NW Expressway
 Oklahoma City OK 73118
 ATTN: Ed Grieves

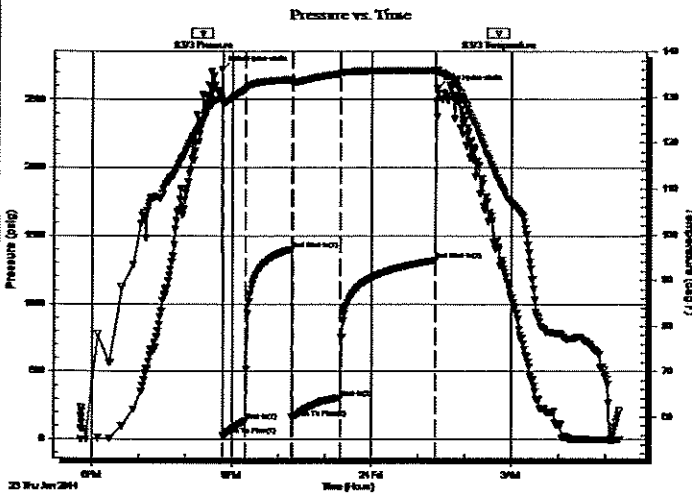
27-26s-32w Finney KS
Buffalo #1-27
 Job Ticket: 55600 **DST#: 2**
 Test Start: 2014.01.23 @ 17:45:27

GENERAL INFORMATION:

Formation: **Spergen**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:47:57
 Time Test Ended: 05:18:27
 Interval: **5450.00 ft (KB) To 5490.00 ft (KB) (TVD)**
 Total Depth: 5490.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2884.00 ft (KB)
 2872.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 8373 **Inside**
 Press@RunDepth: 306.92 psig @ 5455.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.01.23 End Date: 2014.01.24 Last Calib.: 2014.01.24
 Start Time: 17:45:32 End Time: 05:18:27 Time On Btm: 2014.01.23 @ 20:46:27
 Time Off Btm: 2014.01.24 @ 01:24:27

TEST COMMENT: IF: 1/4" blow built to 8"
 IS: No return.
 FF: Surface blow built to 6"
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2723.62	129.70	Initial Hydro-static
2	28.46	128.38	Open To Flow (1)
31	136.00	131.74	Shut-in (1)
91	1403.57	133.88	End Shut-in (1)
91	160.73	133.38	Open To Flow (2)
153	306.92	135.19	Shut-in (2)
275	1320.17	135.85	End Shut-in (2)
278	2584.52	135.77	Final Hydro-static

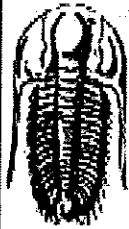
Recovery

Length (ft)	Description	Volume (bbl)
475.00	mcw 90%w 10%m	2.34
190.00	mcw 70%w 30%m	1.53

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Raydon Exploration
1601 NW Expressway
Oklahoma City OK 73118

ATTN: Ed Grieves

27-26s-32w Finney KS
Buffalo #1-27
Job Ticket: 55600 **DST#: 2**
Test Start: 2014.01.23 @ 17:45:27

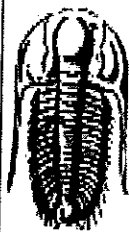
Tool Information

Drill Pipe:	Length: 4846.00 ft	Diameter: 3.80 inches	Volume: 67.98 bbl	Tool Weight: 2000.00 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: 600.00 ft	Diameter: 2.25 inches	Volume: 2.95 bbl	Weight to Pull Loose: 130000.0 lb
			Total Volume: 70.93 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 105000.0 lb
Depth to Top Packer:	5450.00 ft			Final 105000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	68.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			5427.00	
Shut In Tool	5.00			5432.00	
Hydraulic tool	5.00			5437.00	
Jars	5.00			5442.00	
Safety Joint	3.00			5445.00	
Packer	5.00			5450.00	24.00 Bottom Of Top Packer
Packer - Shale	4.00			5454.00	
Stubb	1.00			5455.00	
Recorder	0.00	8373	Inside	5455.00	
Recorder	0.00	8356	Outside	5455.00	
Perforations	2.00			5457.00	
Change Over Sub	1.00			5458.00	
Drill Pipe	30.00			5488.00	
Change Over Sub	1.00			5489.00	
Bullnose	5.00			5494.00	44.00 Anchor Tool

Total Tool Length: 68.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Raydon Exploration

27-26s-32w Finney KS

1601 NW Expressway
Oklahoma City OK 73118

Buffalo #1-27

Job Ticket: 55600

DST#: 2

ATTN: Ed Grieves

Test Start: 2014.01.23 @ 17:45:27

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	70000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1300.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
475.00	mcw 90%w 10%m	2.336
190.00	mcw 70%w 30%m	1.527

Total Length: 665.00 ft Total Volume: 3.863 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

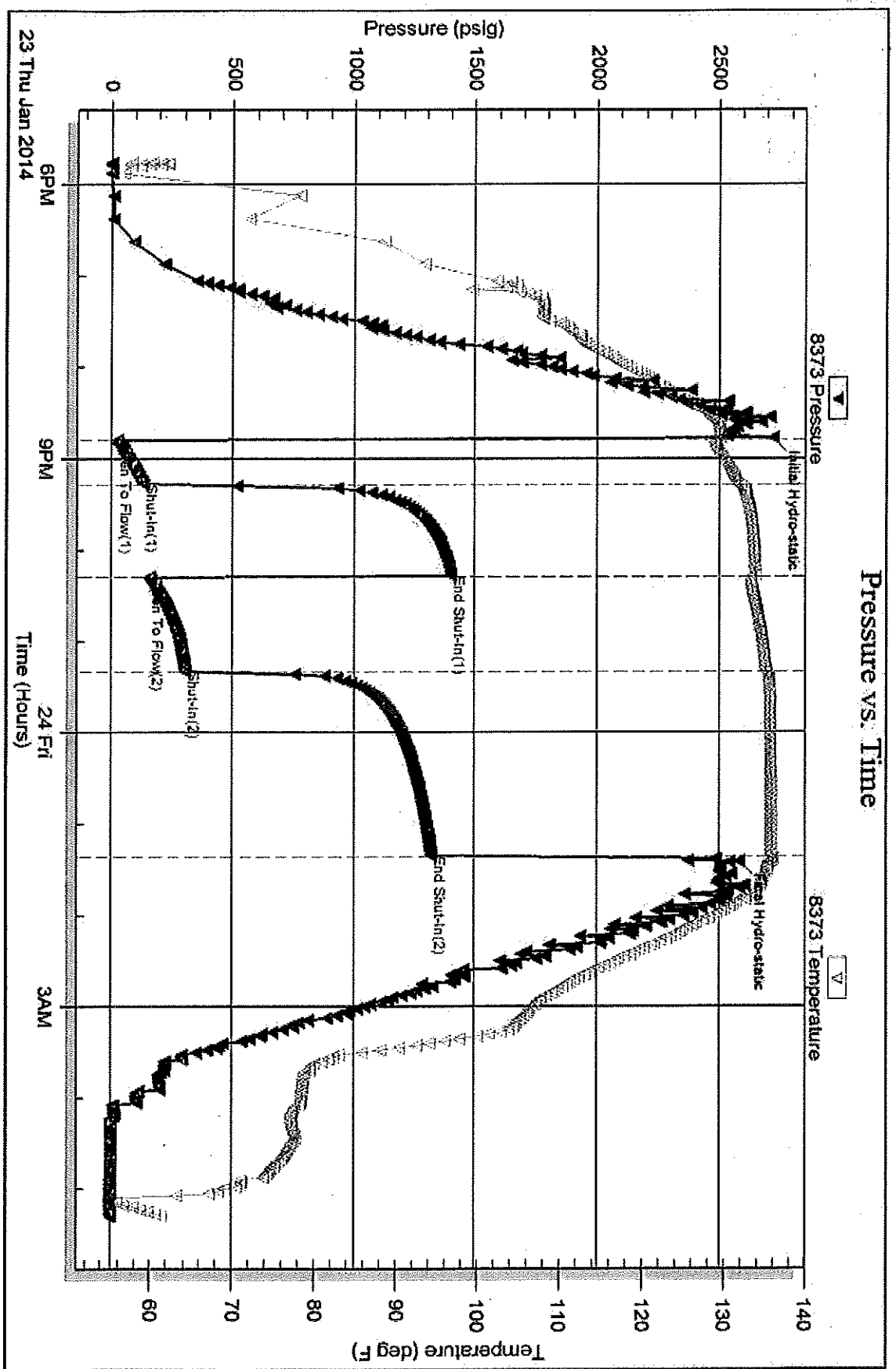
Recovery Comments: .14@57=70000

Serial #: 8373

Inside Raydon Exploration

Buffalo #1-27

DST Test Number: 2



Trouble Testing, Inc

Ref. No: 55600

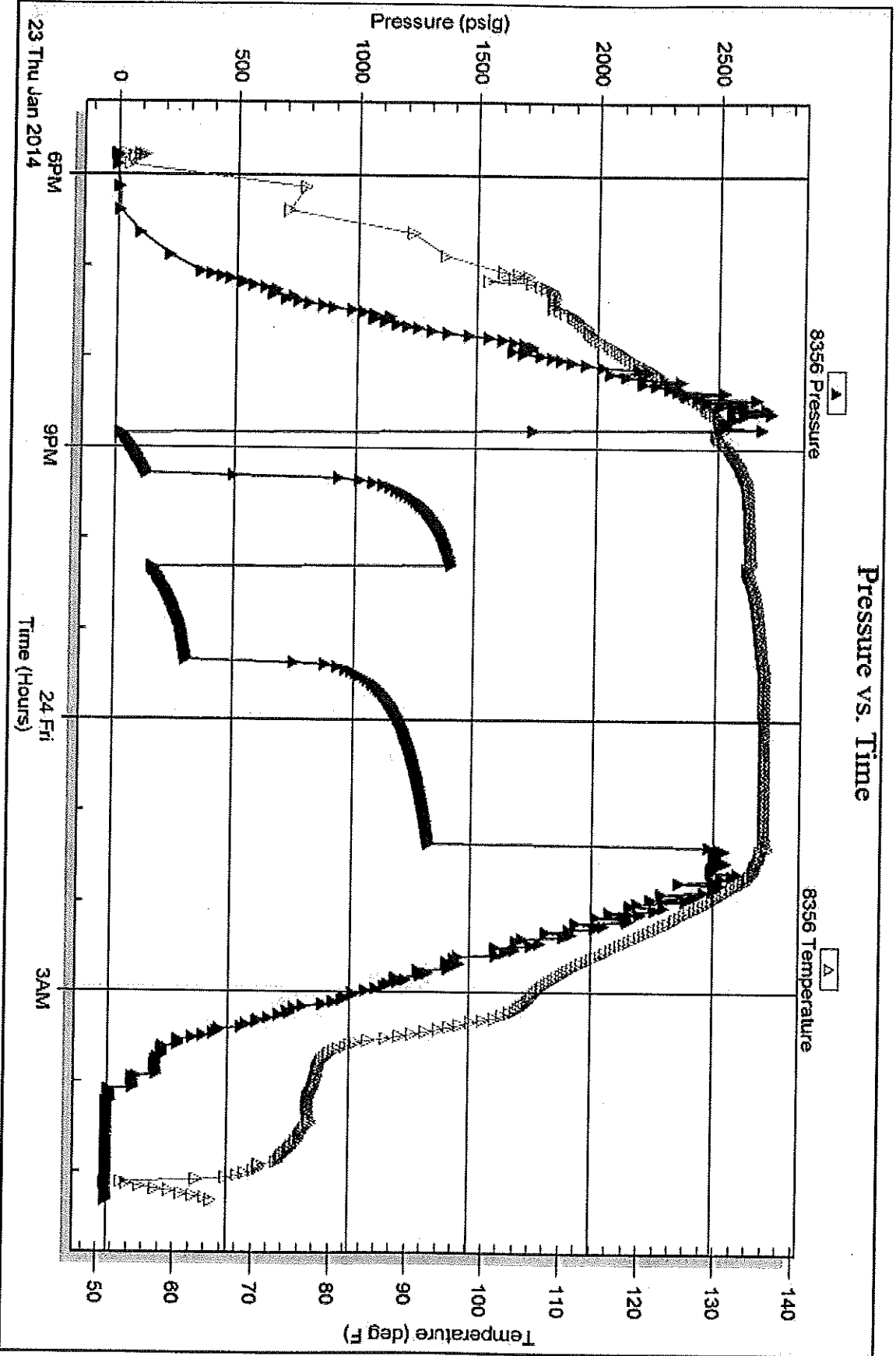
Printed: 2014.01.27 @ 11:00:58

Serial #: 8356

Outside Raydon Exploration

Buffalo #1-27

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55599

Well Name & No. Buffalo 1-27 Test No. 1 Date 1-20-14
 Company Raydom Exploration Elevation 2884 KB 2872 GL
 Address 1601 NW Expressway Oklahoma City, OK 73118
 Co. Rep / Geo. Ed Grievos Rig Tomcat #3
 Location: Sec. 27 Twp. 26 Rge. 32 Co. Finney State KS

Interval Tested 4695 4710 Zone Tested Pawnee
 Anchor Length 15 Drill Pipe Run 4096 Mud Wt. 9.2
 Top Packer Depth 4690 Drill Collars Run 600 Vis 40
 Bottom Packer Depth 4695 Wt. Pipe Run --- WL 8.0
 Total Depth 4710 Chlorides 2800 ppm System LCM 10

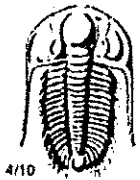
Blow Description IF: Surface blow died in 10 min.
IS: No return.
FF: No blow.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>MCW</u>			<u>90</u>	<u>10</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 90 BHT 129 Gravity --- API RW -19 @ 46 °F Chlorides 63,000 ppm
 (A) Initial Hydrostatic 2335 Test 1250 T-On Location 00:40
 (B) First Initial Flow 20 Jars 250 T-Started 1:45
 (C) First Final Flow 38 Safety Joint 75 T-Open 5:35
 (D) Initial Shut-In 1301 Circ Sub NIL T-Pulled 8:35
 (E) Second Initial Flow 43 Hourly Standby T-Out 10:55
 (F) Second Final Flow 62 Mileage 1204 186 Comments _____
 (G) Final Shut-In 1278 Sampler _____
 (H) Final Hydrostatic 2226 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____
 Day Standby _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60
 Sub Total 2011
 MP/DST Disc't _____

Approved By [Signature] Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55600

Well Name & No. Buffalo 1.27 Test No. 2 Date 1-23-14
 Company Rydon Exploration Elevation 2884 KB 2872 GL
 Address _____
 Co. Rep / Geo. Ed Grivas Rig Tomcat #3
 Location: Sec. 27 Twp. 26 Rge. 32 Co. Finney State KS

Interval Tested 5450 5490 Zone Tested Spergen
 Anchor Length 40 Drill Pipe Run 4846 Mud Wt. 9.1
 Top Packer Depth 5445 Drill Collars Run 600 Vis 50
 Bottom Packer Depth 5450 Wt. Pipe Run _____ WL 6.0
 Total Depth 5490 Chlorides 1300 ppm System LCM 12
 Blow Description EF: 1/4 blow built to 8,
ES: No return,
FF: surface blow built to 6,
FS: No return,

Rec	Feet of	%gas	%oil	%water	%mud
<u>190</u>	<u>MLW</u>		<u>70</u>	<u>30</u>	
<u>475</u>	<u>MLW</u>		<u>90</u>	<u>10</u>	
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Rec Total 665 BHT 135 Gravity _____ API RW .14 @ 57° F Chlorides 70,000 ppm

(A) Initial Hydrostatic <u>2723</u>	<input checked="" type="checkbox"/> Test <u>1350</u>	T-On Location <u>17:15</u>
(B) First Initial Flow <u>28</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>17:45</u>
(C) First Final Flow <u>136</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>20:48</u>
(D) Initial Shut-In <u>1403</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>1:18</u>
(E) Second Initial Flow <u>160</u>	<input checked="" type="checkbox"/> Hourly Standby _____	T-Out <u>5:20</u>
(F) Second Final Flow <u>306</u>	<input checked="" type="checkbox"/> Mileage <u>120-27</u> 372	Comments _____
(G) Final Shut-In <u>1320</u>	<input type="checkbox"/> Sampler _____	<u>loaded tools 1/25 00:15</u>
(H) Final Hydrostatic <u>2584</u>	<input type="checkbox"/> Straddle _____	<input checked="" type="checkbox"/> Ruined Shale Packer <u>350</u>
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>1808.33</u>
Final Shut-In <u>120</u>	<input checked="" type="checkbox"/> Day Standby <u>1d 54.25h</u>	Total <u>4455.33</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>2297</u>	

Approved By [Signature] Our Representative [Signature]
 Triobite Testing Inc. shall not be liable for damage 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.

GEOLOGIST'S REPORT

RAYDON EXPLORATION, INC.
LEASE BUFFALO 1815' E3L & 1815' E2L
LOCALITY B25 E3L & 1815' E2L
COUNTY FINNEY KANSAS

WELL NO. 2884-KB
WELL DEPTH 5650
DATE 1-11-2014
CITY AND STATE FINNEY, KANSAS

DRILLER STATE PRIME 3800
DRILLER PHONE 787-8700
WELL NO. 2884-KB
WELL DEPTH 5650

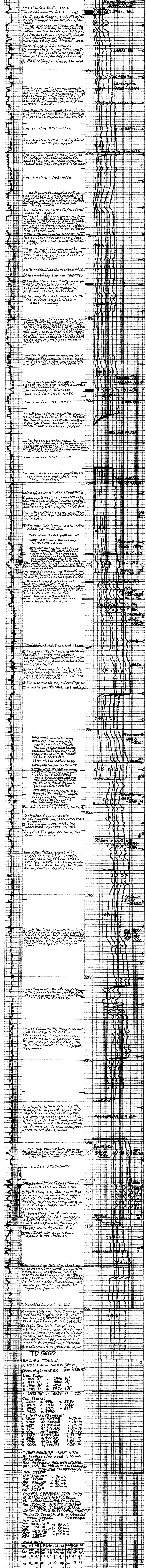
FORMATION TOPS
BASE MEASUREMENT
WELL NO. 2884-KB
WELL DEPTH 5650

OPERATOR RAYDON EXPLORATION, INC.
LEASE BUFFALO 1815' E3L & 1815' E2L
ELEVATION 2884-KB 5650

REMARKS: EARTH-TECH HAD AN UNMANNED GAS DETECTION TRAILER ON THIS WELL FROM 3800 FEET TO TOTAL DEPTH

Thank you,
Graham
Geology

LITHOLOGY: SANDSTONE, LIMESTONE, SHALE, CHESTNUT
STRATIGRAPHY: ...



OPERATOR RAYDON EXPLORATION, INC.
LEASE BUFFALO 1815' E3L & 1815' E2L
ELEVATION 2884-KB 5650