



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

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

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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

Form	ACO1 - Well Completion
Operator	Phillips Exploration Company L.C.
Well Name	Daubert 1-20
Doc ID	1119533

Tops

Name	Top	Datum
Anhy	1189	+888
Topeka	3098	-1021
Heebner	3334	-1257
Lansing	3391	-1314
B/KC	3605	-1529
Cong	3646	-1569
No Arbuckle		
RTD	3775	



DRILL STEM TEST REPORT

Prepared For: **Phillips Exploration Co.**

1601 Sagebrush
Wichita KS 67230

ATTN: Kim Shoemaker

Daubert #1-20

20-17-16,Rush,KS

Start Date: 2012.07.01 @ 06:05:00

End Date: 2012.07.01 @ 13:26:00

Job Ticket #: 49265 DST #: 1

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

Printed: 2012.07.12 @ 13:19:07



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Phillips Exploration Co.

20-17-16, Rush, KS

1601 Sagebrush
Wichita KS 67230

Daubert #1-20

Job Ticket: 49265

DST#: 1

ATTN: Kim Shoemaker

Test Start: 2012.07.01 @ 06:05:00

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:04:30

Time Test Ended: 13:26:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: 3080.00 ft (KB) To 3115.00 ft (KB) (TVD)

Reference Elevations: 2077.00 ft (KB)

Total Depth: 3115.00 ft (KB) (TVD)

2072.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8369 Inside

Press @ RunDepth: 17.01 psig @ 3081.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.07.01

End Date: 2012.07.01

Last Calib.: 2012.07.01

Start Time: 06:05:05

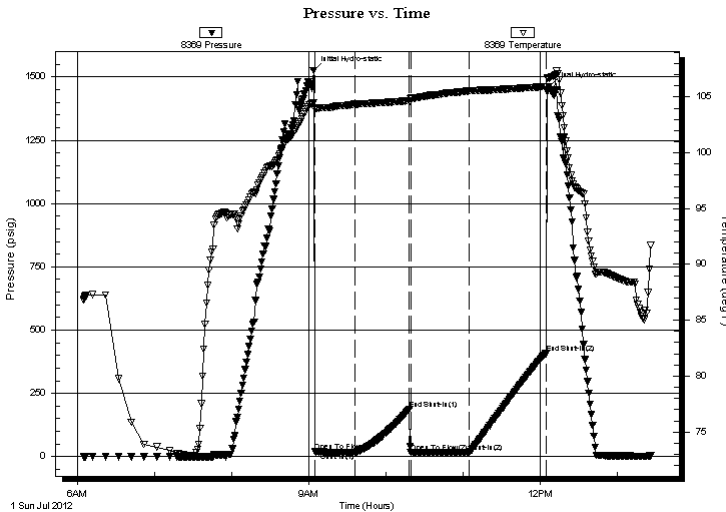
End Time: 13:25:59

Time On Btm: 2012.07.01 @ 09:03:30

Time Off Btm: 2012.07.01 @ 12:06:30

TEST COMMENT: IF-3 1/4" blow
ISI-No blow
FF-BOB in 33 min
FSI-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1525.99	104.48	Initial Hydro-static
1	20.55	103.92	Open To Flow (1)
32	17.41	104.35	Shut-In(1)
75	187.20	104.67	End Shut-In(1)
76	16.89	104.85	Open To Flow (2)
121	17.01	105.54	Shut-In(2)
181	410.18	105.94	End Shut-In(2)
183	1461.92	106.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Phillips Exploration Co.

20-17-16, Rush, KS

1601 Sagebrush
Wichita KS 67230

Daubert #1-20

Job Ticket: 49265

DST#: 1

ATTN: Kim Shoemaker

Test Start: 2012.07.01 @ 06:05:00

Tool Information

Drill Pipe:	Length: 3078.00 ft	Diameter: 3.80 inches	Volume: 43.18 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 43.18 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3080.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3058.00	
Shut In Tool	5.00			3063.00	
Hydraulic tool	5.00			3068.00	
Safety Joint	2.00			3070.00	
Packer	5.00			3075.00	23.00 Bottom Of Top Packer
Packer	5.00			3080.00	
Stubb	1.00			3081.00	
Recorder	0.00	8369	Inside	3081.00	
Recorder	0.00	8319	Outside	3081.00	
Perforations	31.00			3112.00	
Bullnose	3.00			3115.00	35.00 Bottom Packers & Anchor

Total Tool Length: 58.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Phillips Exploration Co.

20-17-16, Rush, KS

1601 Sagebrush
Wichita KS 67230

Daubert #1-20

Job Ticket: 49265

DST#: 1

ATTN: Kim Shoemaker

Test Start: 2012.07.01 @ 06:05:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

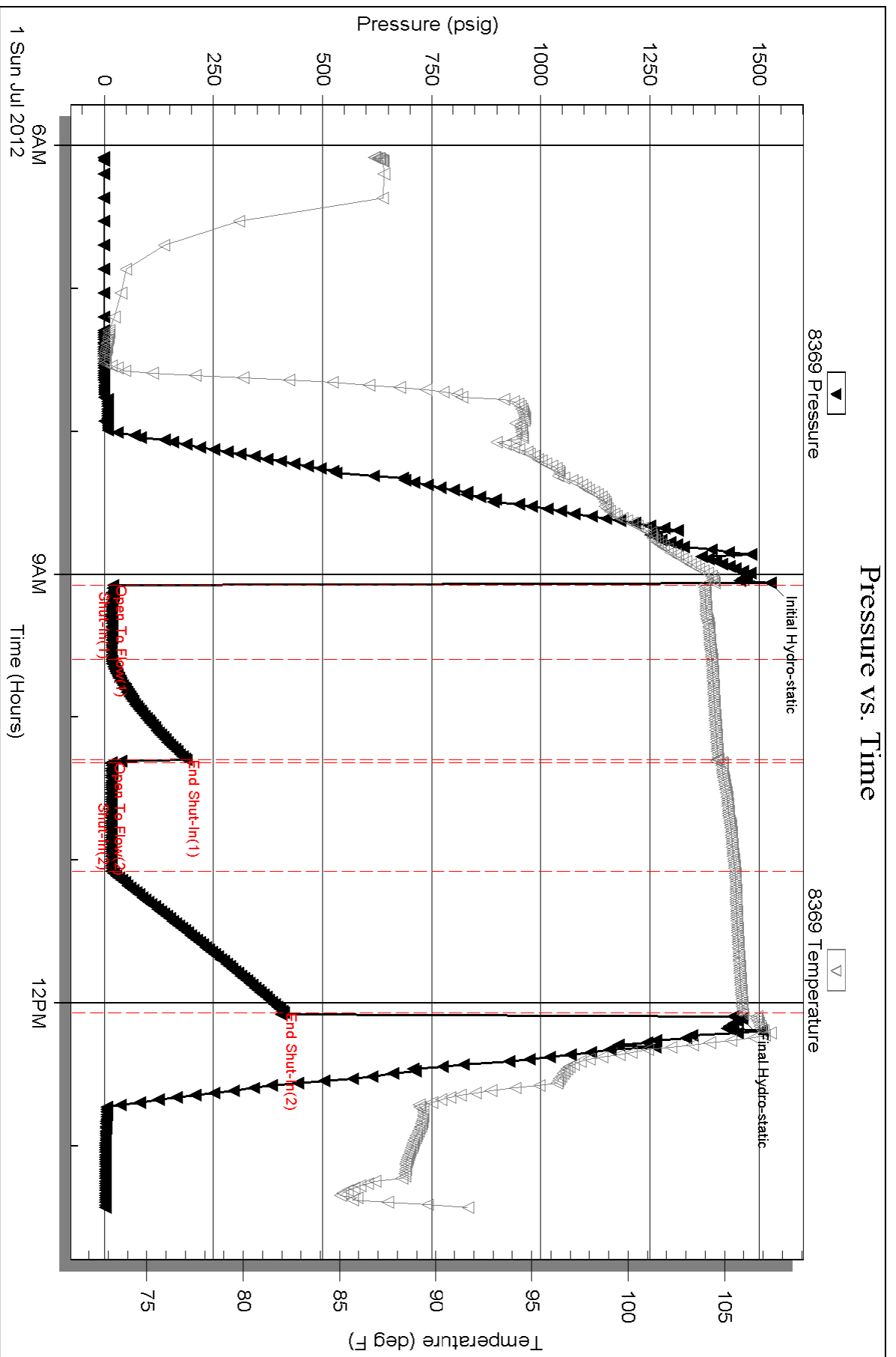
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

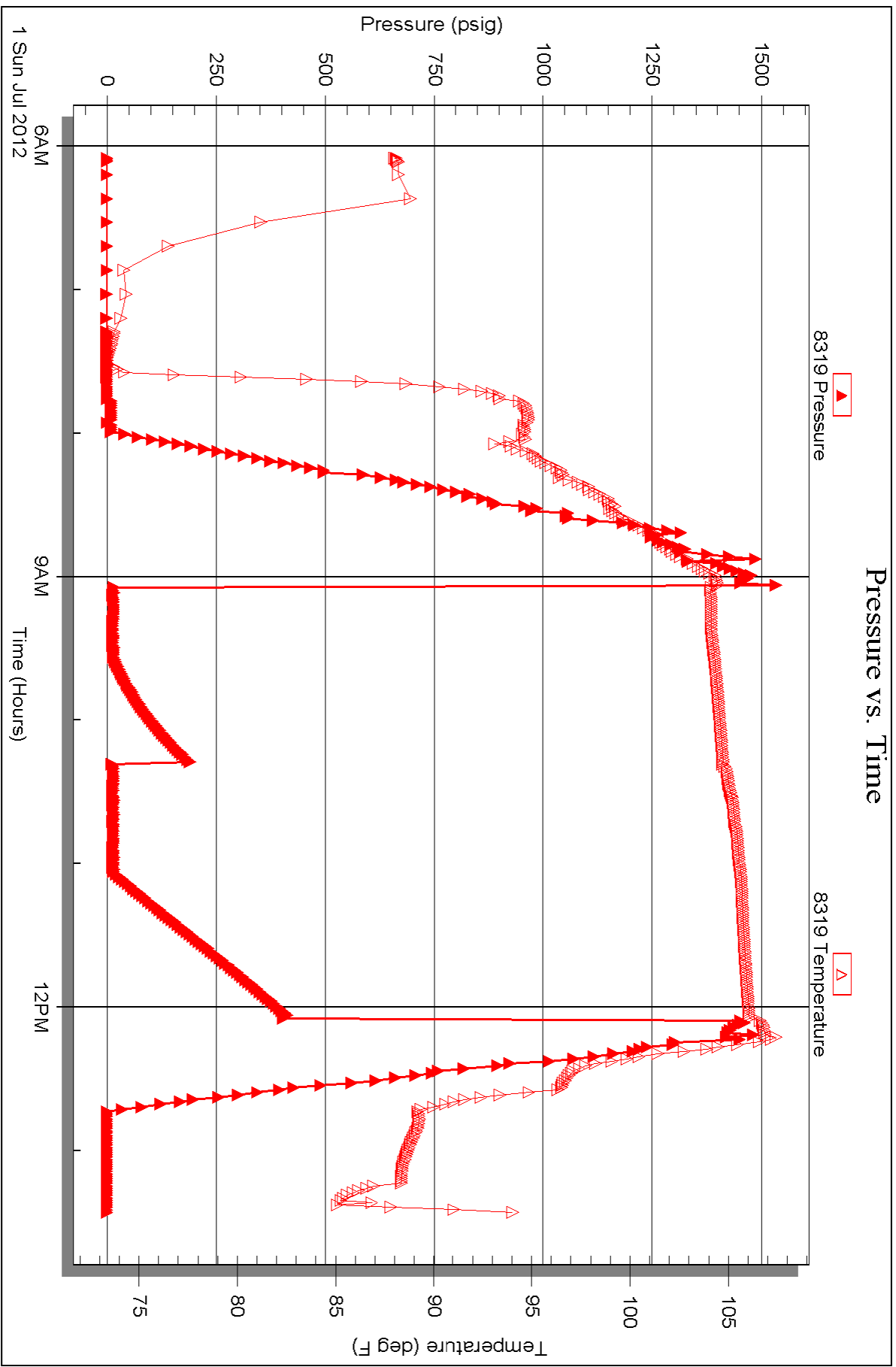


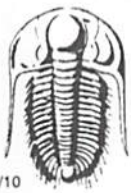
Serial #: 8319

Outside Phillips Exploration Co.

Daubert #1-20

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49265

Well Name & No. Daubert 1-20 Test No. 1 Date 7/01/12
 Company Phillips Expl. Co. Elevation 2077 KB 2072 GL
 Address 1601 Sagebrush Wichita KS 67230
 Co. Rep / Geo. Kim Shoemaker Rig LD Drilling
 Location: Sec. 20 Twp. 17s Rge. 16w Co. Rush State KS

Interval Tested 3080 - 3115 Zone Tested Topok
 Anchor Length 35 Drill Pipe Run 3078 Mud Wt. 2.7
 Top Packer Depth 3075 Drill Collars Run — Vis 57
 Bottom Packer Depth 3080 Wt. Pipe Run — WL —
 Total Depth 3115 Chlorides 2000 ppm System LCM 0
 Blow Description IF - 3 1/4 in blow
ISF - No blow
FF - BOB in 33 min
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mad</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 10 BHT 106 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1,526 Test 1150 T-On Location 5:30
 (B) First Initial Flow 21 Jars T-Started 6:05
 (C) First Final Flow 17 Safety Joint 75 T-Open 9:00
 (D) Initial Shut-In 187 Circ Sub T-Pulled 12:00
 (E) Second Initial Flow 17 Hourly Standby T-Out 13:25
 (F) Second Final Flow 17 Mileage ~~76.7~~ 76.7 ^{117.80} _{117.80} Comments pick up tools
 (G) Final Shut-In 410 Sampler 7/2/12 11:00
 (H) Final Hydrostatic 1,462 Straddle 33 1/2 hrs
 Shale Packer Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total 800
 Day Standby 33 1/2 hrs Total 2260.60
 Accessibility MP/DST Disc't _____
 Sub Total 1460.60

Approved By _____ Our Representative Brian D...

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.



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner
February 06, 2013

Corporation Commission

Sam Brownback, Governor

PHILLIPS EXPLORATION COMPANY L.C.
1601 SAGEBRUSH
WICHITA, KS 67230-7010

RE: API Well No. 15-165-21975-00-00
DAUBERT 1-20
S2NE, 20-17S-16W
RUSH County, Kansas

Dear Operator:

Upon review of the above referenced well, the following documentation appears to be incomplete pursuant to K.A.R. 82-3-107. The requested information below should be submitted to the KCC to my attention by February 22, 2013 for processing. Failure to submit the requested documentation may be punishable by an administrative penalty pursuant to the General Rules and Regulations for the State of Kansas.

- | | |
|--|---|
| <input checked="" type="checkbox"/> All drilling and completion information. No ACO-1 has been received as of this date. | <input type="checkbox"/> TD and Completion date. (Month, Day, Year) |
| <input type="checkbox"/> Must be notarized and signed. | <input type="checkbox"/> Must have Footages from nearest outside corner of section. |
| <input type="checkbox"/> Must have the ORIGINAL HARD COPY of ACO-1. We do not accept fax copies. | <input type="checkbox"/> Side two on back of ACO-1 must be completed. |
| <input type="checkbox"/> Must be put on new form and typed. | <input type="checkbox"/> Must have final copies of DST's/Charts. |
| <input type="checkbox"/> API # or date when original well was first drilled. | <input type="checkbox"/> All original complete open and cased hole wireline logs run. |
| <input type="checkbox"/> Contractor License #. | <input type="checkbox"/> A copy of geological reports compiled by wellsite geologist. |
| <input type="checkbox"/> Designate type of Well Completion. | <input type="checkbox"/> A copy of all cement job logs showing type, amounts and additives used to cement casing strings, squeeze and/or to plug and abandon. (Note: Cement tickets must be from company providing the cement, not necessarily the contractor.) |
| <input type="checkbox"/> If Workover/Re-entry, need old well information, including original completion date. | <input type="checkbox"/> Any commingling information; File on the ACO-4 form. |
| <input type="checkbox"/> Spud date. (Month, Day, Year) | <input type="checkbox"/> Anything HIGHLIGHTED on ACO-1. |
| <input type="checkbox"/> Other: | |

K.C.C. regulation 82-3-107 provides confidentiality, upon written request, for a period of one year from the date of such letter request. Confidentiality rights are waived if the ACO-1 remains incomplete, or is not timely filed (within 120 days from the well's spud date) including: electric logs, geologist's wellsite reports, driller's logs, and Kansas Geological Survey requested samples.

Do not hesitate to call the Kansas Corporation Commission, Conservation Division, at (316) 337-6200 if there are any questions. Note: If the intent is incorrect, you need to file a corrected intent.

Sincerely,


DEANNA GARRISON

Production Department

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 984

Cell 785-324-1041

Date	6-28-12	Sec.	20	Twp.	17	Range	16	County	Butler	State	Kansas	On Location		Finish	Silverson
Lease	Daubert	Well No.	1-20			Location			Galatia Twp 45S						
Contractor	LD Drilling							Owner							
Type Job	Surface							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size	12 1/2		T.D.		1191		Charge To								
Csg.	8 3/8		Depth		1191		Phillips Expiration								
Tbg. Size			Depth				Street								
Tool			Depth				City				State				
Cement Left in Csg.			Shoe Joint				The above was done to satisfaction and supervision of owner agent or contractor.								
Meas Line			Displace		73 1/2 Bbl		Cement Amount Ordered				450 Common Salt				

EQUIPMENT

Pumptrk	5	No.	Cementer	Steve	2 1/2	Common	450
Bulktrk	12	No.	Driver	Brad		Poz. Mix	
Bulktrk		No.	Driver	Long		Gel.	9

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling 475
	Mileage

Cement did Circulate

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	8 3/8 Rubber Plug
	Pumptrk Charge Long Surface
	Mileage 26

	Tax
	Discount
X Signature	Total Charge

Don G. M... (Signature)

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4617

Date	7-3-12	Sec.	90	Twp.	17	Range	16	County	Rush	State	KS	On Location		Finish	7:00 pm			
Lease	Daubebt		Well No.			1-20		Location								Glatina W. to 360 Rd 5 South Winto		
Contractor	Phillips Exploration L-D							Owner										
Type Job	Plug							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.										
Hole Size	7 7/8		T.D.			3775		Charge To										
Csg.	Depth							1220		Phillips Exploration Company L.C								
Tbg. Size	Depth							Street										
Tool	Depth									1601 Sage Blv								
Cement Left in Csg.	Shoe Joint							City										
Meas Line	Displace									Witcha State KS								
									The above was done to satisfaction and supervision of owner agent or contractor.									
									Cement Amount Ordered									
									150 60/40 4% gel 1/4 lbw									

EQUIPMENT

Pumptrk #9	No.	Cementer	Helper	Common	90
Bulktrk #10	No.	Driver	Driver	Poz. Mix	60
Bulktrk pu	No.	Driver	Driver	Gel.	5

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole 30 SAs	Salt
Mouse Hole	Flowseal 32#
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
1st 1220 50 SAs	Sand
2nd 560 50 SAs	Handling 155
3rd 60 20 SAs	Mileage

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	plug
Mileage	26

X Signature	Hub W. L.	Tax	
		Discount	
		Total Charge	