

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1354268
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: _____

1354268

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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BASIC
ENERGY SERVICES

Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country
Estates Road, Liberal KS 67901

PRESSURE PUMPING Job Log

Customer:	RED OAK ENERGY	Cement Pump No.:	38119-19570 6HRS	Operator TRK No.:	78939
Address:	PO BOX 783140	Ticket #:	1718-14227 L	Bulk TRK No.:	70897-19857
City, State, Zip:	WICHITA KS 67278	Job Type:	Z-42 CEMENT SURFACE CASING		
Service District:		Well Type:	OIL		
Well Name and No.:	PWAB 1-35	Well Location:	35,14,41	County:	WALLACE
				State:	KS

Type of Cmt	Sacks	Additives	Truck Loaded On		
PREMIUM PLUS	350		70897-19857	Front	Back
				Front	Back
				Front	Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	14.8	1.34	6.33	469	Man Hours:	10
Tail:					# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure(Psi)		Description of Operation and Materials
			T	C	Tubing	Casing	
23:30							ON LOC, SAFTEY MTG, R.U. 12/5/16
8:38						1400	TEST LINES
8:40 AM	5					150	START MIXING @ 14.8#
9:00 AM	3.6	84				50	FINISHED MIXING, START DISP, WASHUP
9:10 AM		30.5				150	SHUT IN WELL
							JOB COMPLETE
							THANK YOU FOR YOUR BUSINESS!!!

Size Hole	12 1/4	Depth	506	TYPE	
Size & Wt. Csg.	8 5/8 24#	Depth	506	New / Used	
tbg.		Depth		Packer	Depth
Top Plugs		Type		Retainer	Depth
				Perfs	CIBP
Customer Signature:				Basic Representative:	CHAD HINZ
				Basic Signature:	
				Date of Service:	12/6/2016



Services, Inc.

CHARGE TO: Red Oak
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET 29842

WELL/PROJECT NO. 1-35 LEASE PL/AB COUNTY/PARISH Wahlece STATE KS CITY TRIPUNE DATE 15 Dec 16 OWNER
 RIG NAME/NO. 22 SHIPPED VIA CT DELIVERED TO location ORDER NO.
 WELL PERMIT NO. 35-14-41 WELL LOCATION

PAGE 1 OF 2

SERVICE LOCATION	WELL/PROJECT NO.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	WELL CATEGORY	JOB PURPOSE	RIG NAME/NO.	STATE	CITY	DATE	OWNER
1. <u>1025 Hwy 15</u>	<u>1-35</u>			<u>Devlopment</u>	<u>Convent long string 2stage</u>	<u>22</u>	<u>KS</u>	<u>TRIPUNE</u>	<u>15 Dec 16</u>	
2.										
3.										
4. REFERRAL LOCATION										

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE	110	mi			500	550.00
579					Ramp Charge	1	ea			1700.00	1700.00
403					Convent Basket	32	in	3	in	250.00	750.00
407					Flat shoe w/ auto fill	5 1/2	in	1	ea	300.00	300.00
408					DV tool	5 1/2	in	1	ea	3250.00	3250.00
409					Turbo Dizer	5 1/2	in	9	ea	75.00	675.00
411					Repairs snatcher	5 1/2	in	6	ea	45.00	270.00
417					DV latch down plug & bottle	5 1/2	in	1	ea	200.00	200.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START-OR WORK OR DELIVERY OF GOODS
 DATE SIGNED: John Mendino TIME SIGNED: A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY		AGRE	UN- DECIDED	DIS- AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					7695.00
WE UNDERSTOOD AND MET YOUR NEEDS?					13450.45
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					21095.46
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					990.96
ARE YOU SATISFIED WITH OUR SERVICES?	<input type="checkbox"/> YES	<input type="checkbox"/> NO			TAX 6596
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					TOTAL
					22086.41

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR: Swift APPROVAL: Swift
 Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 29842

CUSTOMER Red OAK
WELL PWAB 1-35
DATE 15 Dec 16
PAGE 21 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
330						SWD cement	325	SK			15.75	5118.75
325						Standard cement (for sk-2)	175	SK			12.25	2143.75
284						calc seal	800	lb	8	SK	30.00	240.00
283						salt	900	lb			0.20	180.00
292						W/LAD-322	125	lb			8.00	1000.00
276						Fiberle	100	lb			8.25	825.00
281						MudFlash	500	gal			1.25	625.00
221						KCL Liquid	4	gal			25.00	100.00
240						D-ATP	4	gal			42.00	168.00
581						SERVICE CHARGE					1.50	750.00
583						MILEAGE CHARGE					0.75	2849.25
TOTAL WEIGHT 50665.75 LOADED MILES 110 CUBIC FEET 37999.93												

CONTINUATION TOTAL 13400.45

JOB LOG

SWIFT Services, Inc.

DATE 7/5/2016 PAGE NO.

CUSTOMER **Red Oak** WELL NO. **1-3** LEASE **PWAB** JOB TYPE **Cement log string 2 stage** TICKET NO. **29842**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								125sk EA-2 cement w/ 4# Floccle 325sk SMD cement w/ 4# Floccle 5 1/2" 15.5# casing 5171.14' shoe pt 21.15 DV tool #52 2880' Casing valves 1,3,5,7,9,11,13,51,83 Basket 14,52,84 scratches on #45
	0130							onloc TRK 110
	0415							start 5 1/2" x 15.5# casing in well
	0730							Drop ball - circulate
	0830	4	12				200	Pump 500 gal mud flush
		4	20				200	Pump 20 bbl KCL flush
	0846	4	42				200	MIX EA-2 cement 175sk @ 15.3 ppg
								Drop 1st stage plug washout pump line
	0906	6					1200	Displace plug
		6					1200	
	0930	5					1600	Land plug - 1st stage Release pressure to truck - dried up
	0945						1400	Drop bomb
							1400	open DV tool
	0955		7					plug RT - MH 30sk 20sk
	1003	6	150				300	MIX SMD cement 275sk @ 11.2 ppg
	1055							Drop 2nd stage plug
		6					200	Displace plug
		6	56				800	→ cement to surface ←
			68				1700	
	1115	5	69				1500	Land plug - close DV wash truck
								Pack up
	1155							job complete links
								Print, Blame, run, etc.

(305 ppg)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Red oak Energy, Inc
7701 E Kellogg Dr Ste 710
Wichita, Ks 67207
ATTN: Sean Deenihan

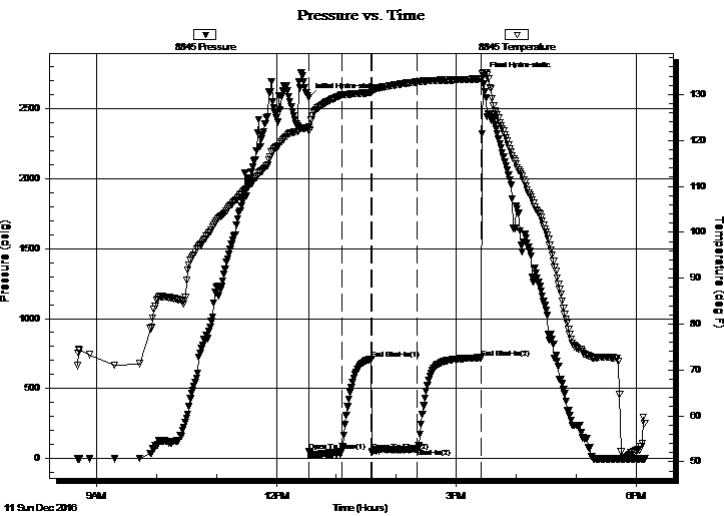
35 14s 41w Wallace, Ks
PWAB 1-35
Job Ticket: 63471 **DST#: 1**
Test Start: 2016.12.11 @ 08:41:00

GENERAL INFORMATION:

Formation: **Morrow Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:33:00
Time Test Ended: 18:09:00
Interval: **4960.00 ft (KB) To 5025.00 ft (KB) (TVD)**
Total Depth: 5025.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Bradley Walter
Unit No: 78
Reference Elevations: 3786.00 ft (KB)
3775.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8845 Outside
Press@RunDepth: 71.31 psig @ 4961.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.12.11 End Date: 2016.12.11 Last Calib.: 2016.12.11
Start Time: 08:41:05 End Time: 18:09:00 Time On Btm: 2016.12.11 @ 12:32:30
Time Off Btm: 2016.12.11 @ 15:27:00

TEST COMMENT: IF: BOB @ 4 min.
IS: No return.
FF: BOB @ 30 sec Gas to surface @ 30 min TSTM. took sample.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2579.22	122.92	Initial Hydro-static
1	51.23	122.11	Open To Flow (1)
33	47.99	129.86	Shut-In(1)
63	712.27	130.39	End Shut-In(1)
64	50.30	130.63	Open To Flow (2)
109	71.31	132.74	Shut-In(2)
173	720.31	133.42	End Shut-In(2)
175	2734.60	134.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	gm 10g 90m	0.61

Gas Rates

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



DRILL STEM TEST REPORT

Red oak Energy, Inc
 7701 E Kellogg Dr Ste 710
 Wichita, Ks 67207
 ATTN: Sean Deenihan

35 14s 41w Wallace, Ks

PWAB 1-35

Job Ticket: 63471

DST#: 1

Test Start: 2016.12.11 @ 08:41:00

GENERAL INFORMATION:

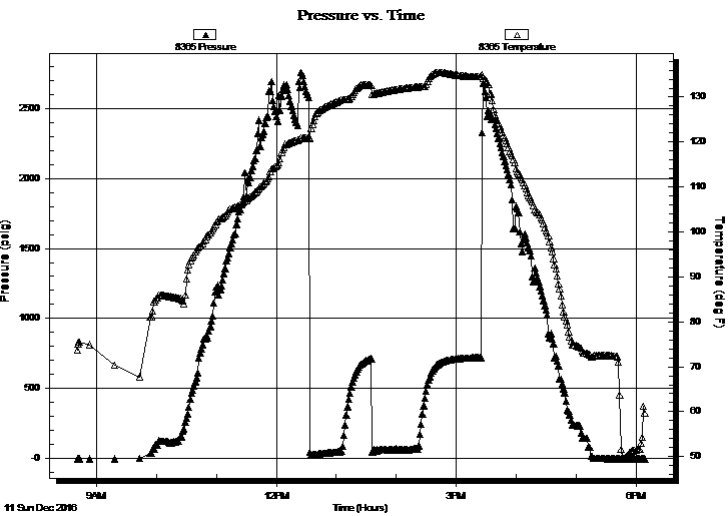
Formation: **Morrow Sand**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 12:33:00 Tester: Bradley Walter
 Time Test Ended: 18:09:00 Unit No: 78
 Interval: **4960.00 ft (KB) To 5025.00 ft (KB) (TVD)** Reference Elevations: 3786.00 ft (KB)
 Total Depth: 5025.00 ft (KB) (TVD) 3775.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 8365

Inside

Press@RunDepth: psig @ 4961.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.12.11 End Date: 2016.12.11 Last Calib.: 1899.12.30
 Start Time: 08:41:05 End Time: 18:09:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB @ 4 min.
 IS: No return.
 FF: BOB @ 30 sec Gas to surface @ 30 min TSTM. took sample.
 FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
125.00	gm 10g 90m	0.61

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red oak Energy, Inc

35 14s 41w Wallace, Ks

7701 E Kellogg Dr Ste 710
Wichita, Ks 67207

PWAB 1-35

Job Ticket: 63471

DST#: 1

ATTN: Sean Deenihan

Test Start: 2016.12.11 @ 08:41:00

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:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	gm 10g 90m	0.615

Total Length: 125.00 ft Total Volume: 0.615 bbl

Num Fluid Samples: 0

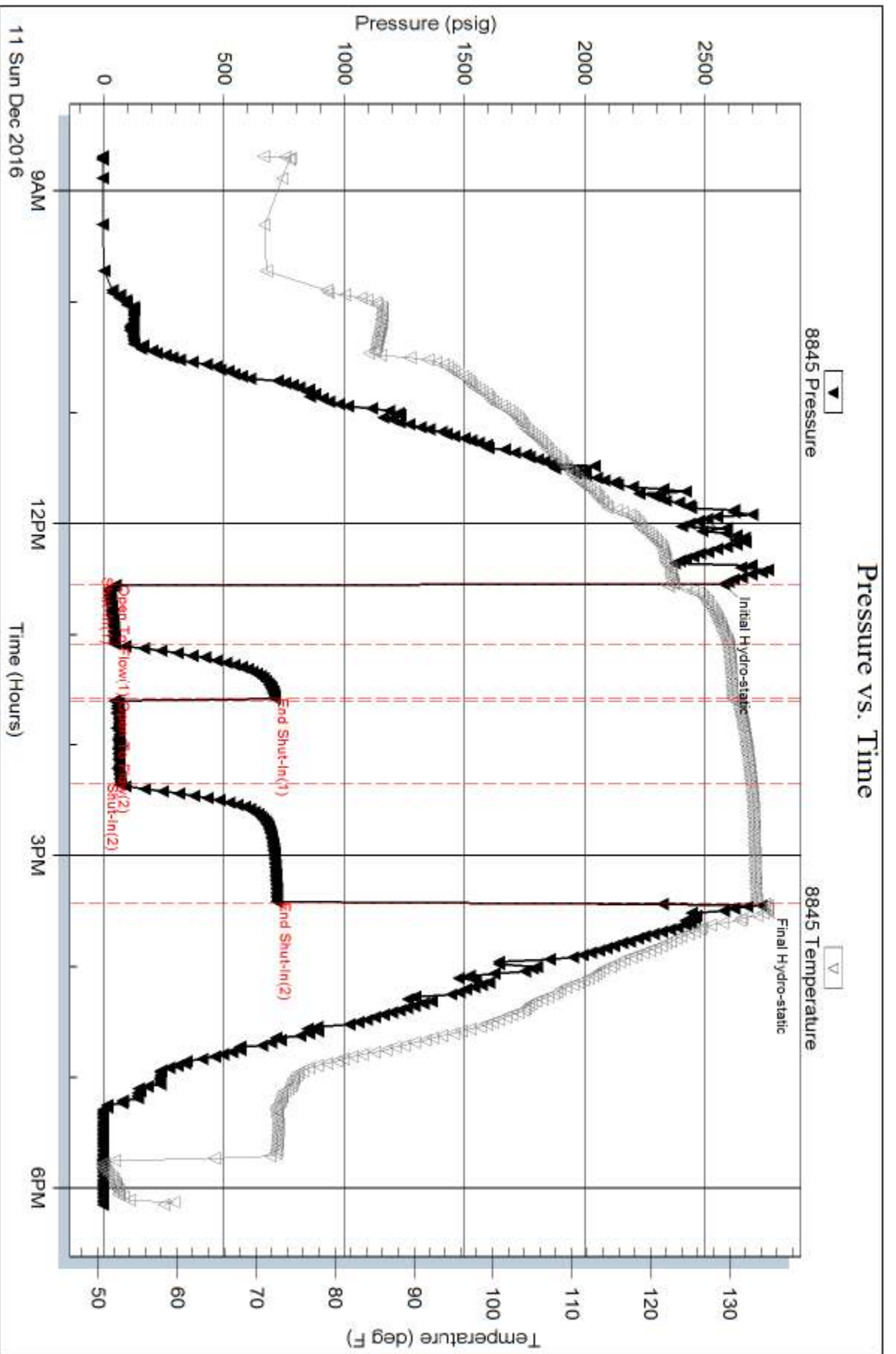
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



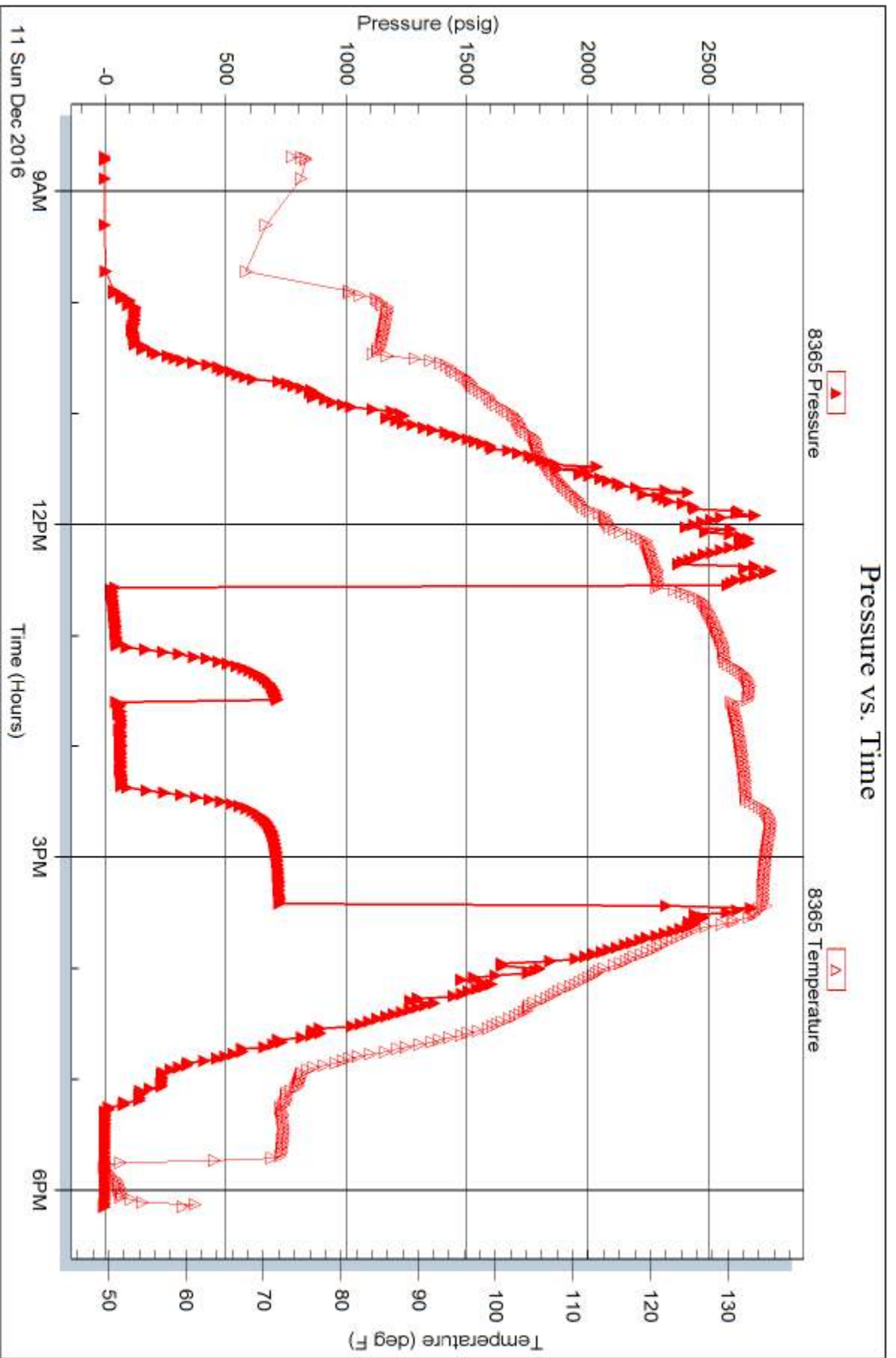
Serial #: 8365

Inside

Red oak Energy, Inc

PWAB 1-35

DST Test Number: 1





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Red oak Energy, Inc
 7701 E Kellogg Dr Ste 710
 Wichita, Ks 67207
 ATTN: Sean Deenihan

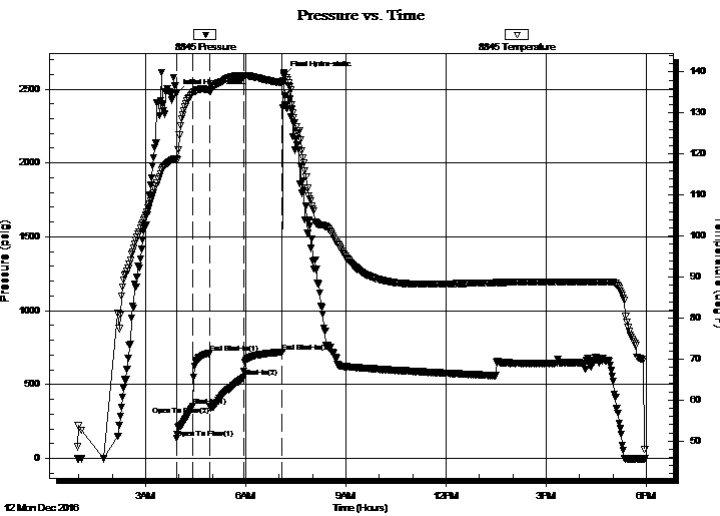
35 14s 41w Wallace, Ks
PWAB 1-35
 Job Ticket: 63475 **DST#: 2**
 Test Start: 2016.12.12 @ 00:58:05

GENERAL INFORMATION:

Formation: **Morrow Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:55:45
 Time Test Ended: 17:57:15
 Interval: **4960.00 ft (KB) To 5035.00 ft (KB) (TVD)**
 Total Depth: 5035.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 3786.00 ft (KB)
 3775.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8845 Outside
 Press@RunDepth: 549.06 psig @ 4961.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.12.12 End Date: 2016.12.12 Last Calib.: 2016.12.12
 Start Time: 00:58:05 End Time: 17:57:15 Time On Btm: 2016.12.12 @ 03:55:15
 Time Off Btm: 2016.12.12 @ 07:08:29

TEST COMMENT: IF: BOB @ 2 min.
 IS: Gas to surface 3" return.
 FF: BOB @ 1 min. gas TSTM took Sample. oil mist from blow turbe.
 FS: BOB return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2470.18	118.87	Initial Hydro-static
1	137.54	118.22	Open To Flow (1)
30	353.96	135.01	Shut-In(1)
60	711.18	135.49	End Shut-In(1)
61	353.78	135.30	Open To Flow (2)
121	549.06	139.04	Shut-In(2)
191	718.99	137.36	End Shut-In(2)
194	2590.83	139.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1400.00	gcmo 10%g 20%m 70%o	16.87
124.00	gcom 10%g 20%o 70%m (collars)	1.74

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Red oak Energy, Inc
 7701 E Kellogg Dr Ste 710
 Wichita, Ks 67207
 ATTN: Sean Deenihan

35 14s 41w Wallace, Ks

PWAB 1-35

Job Ticket: 63475 **DST#: 2**

Test Start: 2016.12.12 @ 00:58:05

GENERAL INFORMATION:

Formation: **Morrow Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:55:45

Time Test Ended: 17:57:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: **4960.00 ft (KB) To 5035.00 ft (KB) (TVD)**

Reference Elevations: 3786.00 ft (KB)

Total Depth: 5035.00 ft (KB) (TVD)

3775.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8365 **Inside**

Press@RunDepth: psig @ 4961.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.12.12 End Date: 2016.12.12

Last Calib.: 2016.12.12

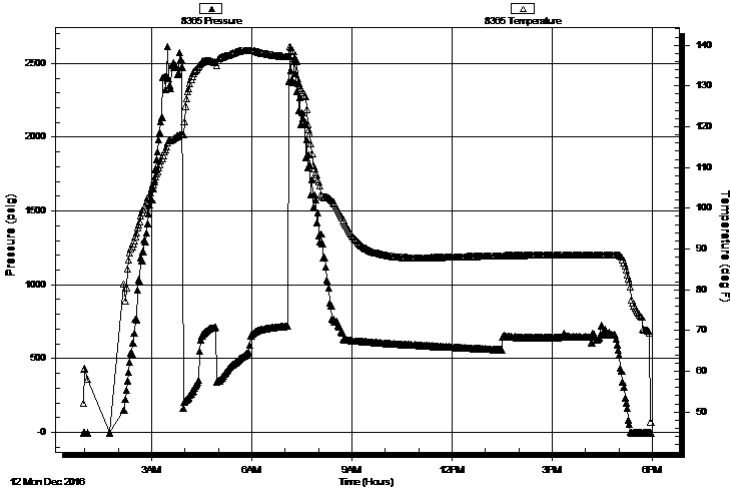
Start Time: 00:58:05 End Time: 17:57:15

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB @ 2 min.
 IS: Gas to surface 3" return.
 FF: BOB @ 1 min. gas TSTM took Sample. oil mist from blow turbe.
 FS: BOB return.

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1400.00	gcmo 10%g 20%m 70%o	16.87
124.00	gcom 10%g 20%o 70%m (collars)	1.74

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red oak Energy, Inc

35 14s 41w Wallace, Ks

7701 E Kellogg Dr Ste 710
Wichita, Ks 67207

PWAB 1-35

Job Ticket: 63475

DST#: 2

ATTN: Sean Deenihan

Test Start: 2016.12.12 @ 00:58:05

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:

0 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1400.00	gcmo 10%g 20%m 70%o	16.869
124.00	gcom 10%g 20%o 70%m (collars)	1.739

Total Length: 1524.00 ft Total Volume: 18.608 bbl

Num Fluid Samples: 0

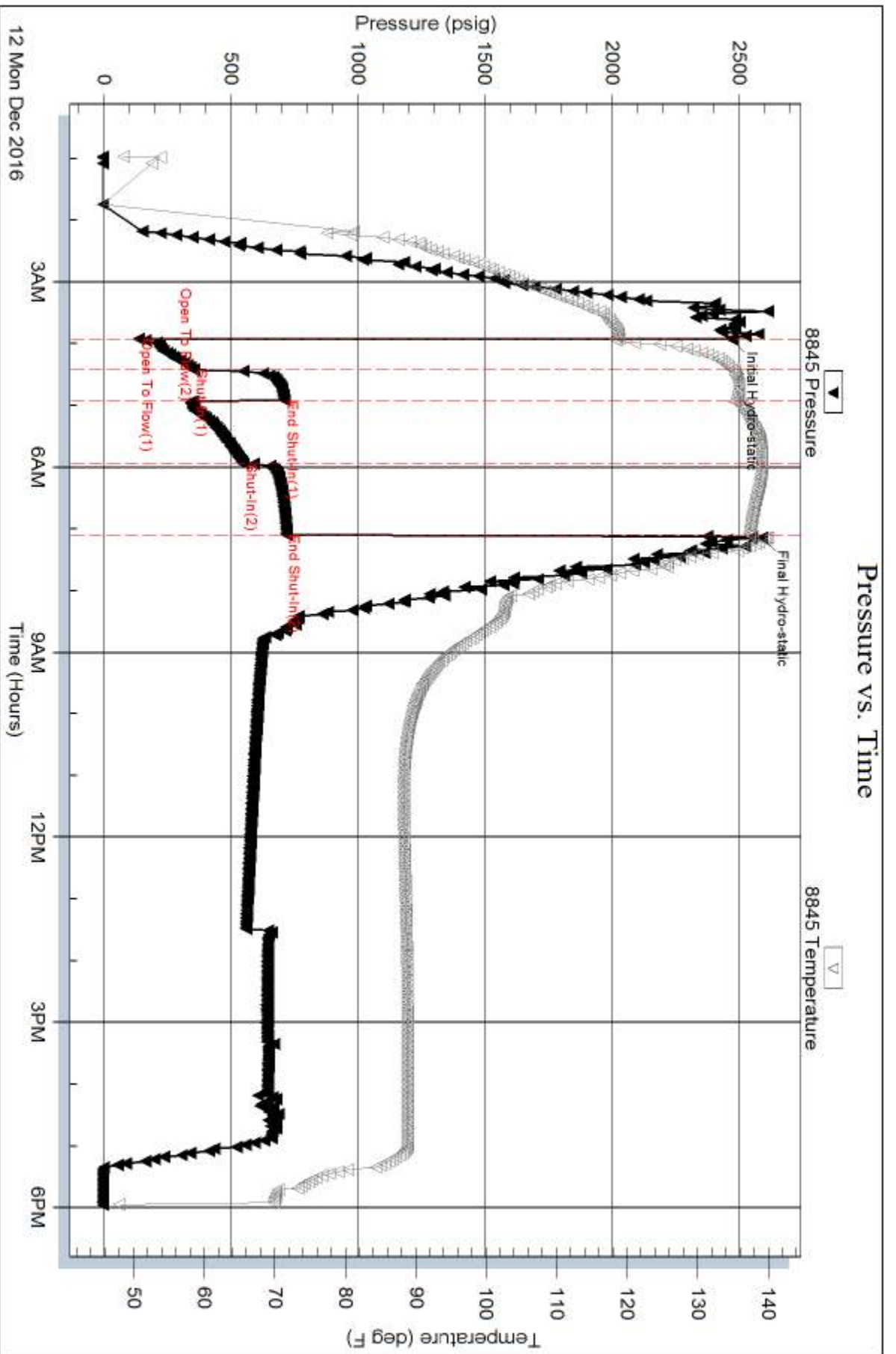
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



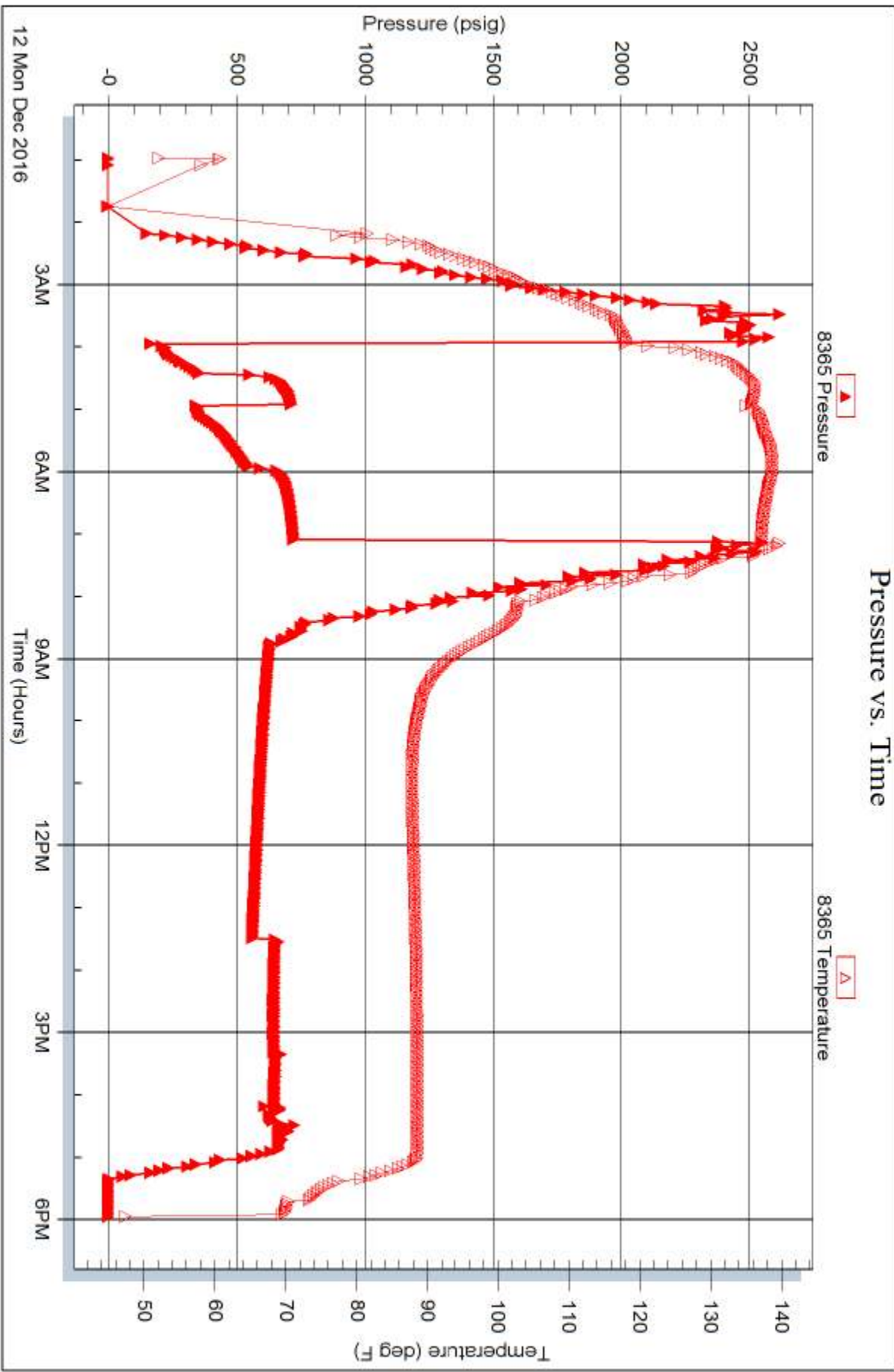
Serial #: 8365

Inside

Red oak Energy, Inc

PWAB 1-35

DST Test Number: 2



Sean Deenihan

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **Red Oak Energy, Inc.**

LEASE **PWAB #1-35**

FIELD **Wildcat**

LOCATION **2480' ENL & 2442' FWL**

SEC **35** TWPSP **14S** RGE **41W**

COUNTY **Wallace** STATE **Kansas**

CONTRACTOR **Murfin Drilling Rig #22**

SPUD **12/15/16** COMP **12/15/16**

RTD **5235'** LTD **5239'**

MUD UP **TYPE MUD** Chemical

SAMPLES SAVED FROM **3900'** TO **RTD**

SAMPLES KEPT FROM **3900'** TO **RTD**

SAMPLES EXAMINED FROM **3900'** TO **RTD**

GEOLOGICAL SUPERVISION FROM **4000'**

REFERENCE WELL **Prairiewind #2**

ELEVATIONS

KB **3786'**

DF _____

GL **3775'**

Measurements Are All From Kelly Batching

CASING

CONDUCTOR _____

SURFACE **8-5/8"** at **506'**

PRODUCTION **5-1/2"** at **1TD'**

ELECTRICAL SUPPLIES

ELI **Wildcat**

CND/DIL _____

Sample Tops

PW #1	PW #2	2877' +909'	2877' +909'	4007' -416'
Heebner	-390	-400	4200	-414
Cherokee	-969	-987	4777	-991
MWV S1	-1181	-1206	4994	-1208
MWV S5	-1201	-1224	5013	-1227
MWV LS	-1315	-1319	5098	-1312
MISS	-1368	-1368	5154	-1368

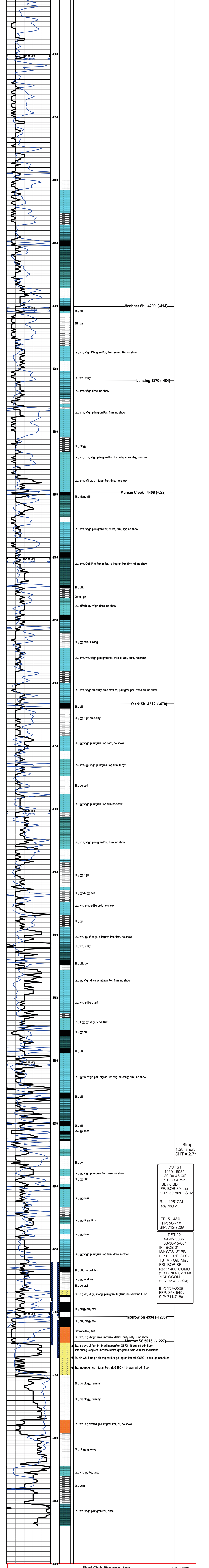


REMARKS Based on positive DST results, the PWAB will#1-35 will be further evaluated through 5.5" production casing.

Respectfully Submitted,

Sean P. Deenihan

15-199-20438



Strap 1.28' short SHT = 2.7"

DST #1
4960' - 5025'
30-30-45-60"
IF: BOB 4 min
ISI: no BB
FF: BOB 30 sec.
GTS 30 min. TSTM
Rec: 125' GM
(10G, 90%M),
IFP: 51-48#
FFP: 50-71#
SIP: 712-720#

DST #2
4960' - 5035'
30-30-45-60"
IF: BOB 2
ISI: GTS- 3" BB
FF: BOB 1" GTS-
TSTM - Oily Mist
FSI: BOB BB
Rec: 1400' GCMO
(10%G, 70%O, 20%M),
124' GCOM
(10G, 20%O, 70%M)
IFP: 137-353#
FFP: 353-549#
SIP: 711-718#



May 11, 2017

Kansas Corporation Commission
Conservation Division
266 N. Main St., Ste 220
Wichita, KS 67202

RE: Alternate II Exception

API# 15-199-20438-00-00
PWAB #1-35
SE SE SE NW Sec. 35-T14s-R41w
Wallace County, KS

Dear Karen Ritter,

Red Oak Energy is requesting an exception to the Alternate II cementing requirements for the above captioned well.

The Notice of Intent to Drill indicates that the base of fresh water is 330 feet. 8 5/8" Surface casing was cemented at 506 feet with 330 sacks of common cement (see ACO-1).

The base of usable water is 1,700 ft according to KGS website, and the 5 1/2" production casing was set at 5,159 feet with 175 sacks EA-2 cement on the First Stage. The Dual Receiver Cement Bond Log indicates the top of the First Stage to be 4,090 feet. The bottom of cement on the Second Stage circulated from the DV Tool at 2,870 feet to surface with 275 sacks of SMD Cement.

Please review to verify that all fresh and usable water is protected.

Sincerely,

Ryan Davis
Geologist | Regulatory Compliance Mngr
Red Oak Energy

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



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

Pat Apple, Chairman
Shari Feist Albrecht, Commissioner
Jay Scott Emler, Commissioner

Sam Brownback, Governor

May 12, 2017

Ryan Davis
Red Oak Energy, Inc.
7701 E KELLOGG DR STE 710
WICHITA, KS 67207-1738

Re: ACO-1
API 15-199-20438-00-00
PWAB 1-35
NW/4 Sec.35-14S-41W
Wallace County, Kansas

Dear Ryan Davis:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 12/5/2016 and the ACO-1 was received on May 11, 2017 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department