Confident	tiality R	equested:
Yes	No	

CORRECTION #2

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1259084

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 #	API No. 15			
Name:	Spot Description:			
Address 1:				
Address 2:	Feet from  North / South Line of Section			
City: State: Zip:+	Feet from East / West Line of Section			
Contact Person:	Footages Calculated from Nearest Outside Section Corner:			
Phone: ()				
CONTRACTOR: License #	GPS Location: Lat:, Long:			
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)			
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84			
Purchaser:	County:			
Designate Type of Completion:	Lease Name: Well #:			
New Well Re-Entry Workover	Field Name:			
	Producing Formation:			
	Elevation: Ground: Kelly Bushing:			
	Total Vertical Depth: Plug Back Total Depth:			
CM (Coal Bed Mathane)	Amount of Surface Pipe Set and Cemented at: Feet			
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?  Yes No			
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet			
Operator:	If Alternate II completion, cement circulated from:			
Well Name:	feet depth to:w/sx cmt.			
Original Comp. Date: Original Total Depth:				
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan			
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)			
	Chloride content: ppm_Fluid volume: bbls			
Commingled Permit #:	Dewatering method used:			
Dual Completion Permit #:				
SWD Permit #:	Location of fluid disposal if hauled offsite:			
ENHR         Permit #:	Operator Name:			
GSW Permit #:	Lease Name: License #:			
Spud Date or     Date Reached TD     Completion Date or       Recompletion Date     Recompletion Date	Guarter         Sec.         Twp.         S.         n.         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:						

# CORRECTION #2

1259084

Operator Nar	ne:			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 Yes No		L	og Formatio	g Formation (Top), Depth and Datum		Sample	
Samples Sent to Geological Survey		Yes No		Name		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-o	RECORD Ne	w Used ermediate, producti	on, 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 / SQL	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing							
Plug Off Zone							
Did vou perform a hydraulic	fracturing treatment of	on this well?		Yes	No (If No. skir	o questions 2 an	d 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?

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					be		Acid, Fracture, Shot, C (Amount and Kind	ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner R	lun:	No	
Date of First, Resumed Production, SWD or ENHR.       Producing Method:         □ Flowing       □ Pumping				Gas Lift	Other (Explain)					
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSIT	TION OF GAS: METHOD OF COMPLE			TION:		PRODUCTION IN	FERVAL:			
Vented Sole	Vented Sold Used on Lease Open Hole Perf. Dually			/ Comp. 4 <i>CO-5)</i>	Commingled (Submit ACO-4)					
(If vented, Submit ACO-18.)				Other (Specify)						

Yes

No

(If No, fill out Page Three of the ACO-1)

Form	ACO1 - Well Completion
Operator	Red Oak Energy, Inc.
Well Name	Heyd 2-14
Doc ID	1259084

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	362	Common	210	3%,2% gel
Production	7.875	5.5	15.5	4723	EA2	150	3%, .25 flocele

## Summary of Changes

Lease Name and Number: Heyd 2-14 API/Permit #: 15-171-21122-00-00 Doc ID: 1259084 Correction Number: 2 Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	07/14/2015	07/24/2015
Completion Or Recompletion Date	12/20/2014	2/9/2015
Purchaser's Name		Plains Marketing, L.P.
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12 52805	//kcc/detail/operatorE ditDetail.cfm?docID=12 59084

# 

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1252805

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

## CONFIDENTIAL WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15			
Name:	Spot Description:			
Address 1:				
Address 2:	Feet from  North /  South Line of Section			
City: State: Zip:+	Feet from East / West Line of Section			
Contact Person:	Footages Calculated from Nearest Outside Section Corner:			
Phone: ()				
CONTRACTOR: License #	GPS Location: Lat:, Long:, (e.gxxx xxxx)			
Name:				
Wellsite Geologist:				
Purchaser:	Voll #:			
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)       SIGW	Froducing Formation:			
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?			
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet			
Operator:	If Alternate II completion, cement circulated from:			
	feet depth to:w/sx cmt.			
Original Comp. Date: Original Total Depth:				
Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD         Plug Back       Conv. to GSW       Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)			
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls			
SWD Permit #:				
ENHB Permit #:				
GSW Permit #:	Operator Name:			
	Lease Name: License #:			
Spud Date or         Date Reached TD         Completion Date or           Recompletion Date         Recompletion Date         Recompletion Date	Quarter Sec TwpS. 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

Confidentiality Requested:

Yes No

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:						



1236280

Confidentiality Requested:

CONFIDENTIA

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

August 2013 Form must be Typed Form must be Signed

All blanks must be Filled

Form ACO-1

WELL COMPLETION FORM

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from  North /  South Line of Section
City: State: Zip:+	Feet from Deast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:, (e.g. xx xxxx)
Name:	Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	Losso Namo: Woll #:
Designate Type of Completion:	
New Well Re-Entry Workover	Preid Name.
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Fee
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
	Location of fluid disposal if hauled offsite:
	Operator Name:
	Lease Name: License #:
	Quarter Sec TwpS. R East West
Spud Date or         Date Reached TD         Completion Date or           Recompletion Date         Recompletion Date         Recompletion Date	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:

#### KOLAR Document ID: 1236280

Operator Nam	ne:			Lease Name:	Well #:
Sec	Twp	S. R	East West	County:	

Page Two

**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	acate)	Y	′es 🗌 No	[		og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo	aical Survey		les No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:	Logs	□ Y □ Y □ Y	és ☐ No és ☐ No és ☐ No						
		Rep	CASING ort all strings set-c	RECORD	] Ne	w Used	on, etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[	1		ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Use	d		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
<ol> <li>Did you perform a hydra</li> <li>Does the volume of the</li> <li>Was the hydraulic fractu</li> </ol>	aulic fracturing treatme total base fluid of the uring treatment informa	ent on this v hydraulic fr ation submi	vell? acturing treatment tted to the chemic	exceed 350,000 al disclosure regi	gallo stry?	Nes Yes	<ul> <li>No (If No, s</li> <li>No (If No, s</li> <li>No (If No, f</li> </ul>	kip questions 2 ar kip question 3) ill out Page Three	nd 3) of the ACO-1)
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITION	N OF GAS:		N		MPLE	TION:		PRODUCTIO	ON INTERVAL:
Vented Sold (If vented, Subn	Used on Lease		Open Hole	_ Perf C <i>(S</i>	ually ubmit	Comp. Com ACO-5) (Subn	nit ACO-4)		
Shots Per Per Foot	foration Perfor Top Botte	ation om	Bridge Plug Type	Bridge Plug Set At		Acid,	Fracture, Shot, C (Amount and Ki	ementing Squeezend of Material Used)	Record
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Red Oak Energy, Inc.
Well Name	Heyd 2-14
Doc ID	1236280

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4		Shot	4671-76

Form	ACO1 - Well Completion
Operator	Red Oak Energy, Inc.
Well Name	Heyd 2-14
Doc ID	1236280

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	362	Common	210	3%,2% gel
Production	7.875	5.5	15.5	4723	EA2	150	3%, .25 flocele

SWIFT OPERATOR		12-21		MUST BE SIGNED BY CUS START OF WORK OR DEL	LIMITED WARRA	the terms and cond	I EGAI TERMS:		HNG	Hon	404	404	403	180	221	578	575	PRICE	REFERRAL LOCATION	4.	2.	1. NESS CAT	Serv	12
NAME WASA	CUSTO	0-14 14	TIME SIGNED	NTOMER OR CUSTOMER'S AGENT P	IC, PAYMENI, RELEASE,	itions on the reverse side he	listomer herehv acknowled											SECONDARY REFERENCE/ PART NUMBER	INVOICE INSTRUC	WELL ITTE		KS WELL/PROJECT N	ices, Inc.	WIFT
	MER ACCEF	30		RIOR TO	INDEMNI	reof which	ines and a		-	-	-	-	-	1		-	1		TIONS	F	W W	14	CITY	CHAF
APPRO	TANCE OF 1	P.M.			i Y, and	include,	nreesto											ACCT DF		De De	DRIG	LEASE	STATE, ZIP C	REE TO: RESS
VAL	ATERIALS AND SERVICE	785-7	NESS CIT	POF	SWIFT SF	REMIT PA			TUDDALTOEDC	INSERT FLOAD	LATCH DOWN	Port Couves	CEMENT BASK	MUDFLUSH	LEQUEN KCL	PUMP CHARGE	MILEAGE # 112			NELOPMENT JUD	#2	<b>QA3H</b>	ODE	D OAK ENERGY
	S The customer hereby acknow	98-2300	Y, KS 67560	30X 466	RVICES INC.	AYMENT TO:				T SHOE W AUTO F	Pus BAFFLE		ETS	and a few many many many many participant of the first many many many many many many many many				DESCRIPTION		sh' Longstring		COUNTY/PARISH		2
	ledges receipt of th		SATISFACTORILY ARE YOU SATISFI	WE OPERATED TH AND PERFORMED	MET YOUR NEEDS	OUR EQUIPMENT WITHOUT BREAKI	SUR			8											VIA	STATE O		
	ne materials and se	TOMER DID NOT WI	2 ED WITH OUR SERV	HE EQUIPMENT	S? S? HOLIT DELAY?	PERFORMED DOWN?	VEY		11 100	10	1 84	1164	28	SOOGA	2 64		80 M	QTY. UN			MELL DEBMIT NO	CITY		
	prvices listed on this	SH TO RESPOND					AGREE DECIDED					23161	5/2			3 4728 1	A 	OTY.			TON			
	s ticket		Scot	h			AGREE					7	=			7		MU		NS	WEI I OO	DATE		
		TOTAL	+ 8.15%	Ubtotal TAX	#2				 90 00	37500	275 00	2900/00	300100	125	25/00	1500100	6 00	UNIT		CONT CAN	ATION	14 - 04	PAGE 1	TICKET
Thank You!		14,423 75	844 75	13,57900	578400	779500	alag na - Ree	the states	990 00	37500	275/00	2900 00	600 00	62500	50100	1500100	480 00	AMOUNT		Ks		SAME	م م	27923

583	581				***************************************			*****			-	290	292	284	283	276	325	PRICE		MS
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CHARGE 20850 80												1-AN	HA140-322	CAISER	SAIT	FLOCELE	STANIARDS CEMEDT EA	- TIME DESCRIPTION	RED OAK ESCEGY	TICKET CONTINUATION
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834 conti	200			_	 -				 	 	-			280 006	-			QTY U/M	2-14	
VUATION TOTAL	2 00	1000000 100000 10000	• *		 ****				-	 	 	42 00	8	35 00	20	2 50	1450	UNIT	12-20-14	No. 2792
834100	400 00		pr		 	1000000 ( 100000	n Monenet A			 	 	210 00	800 00	315 8	200 00	125 00	290000	AMOUNT	PAGE OF	8

JOB LO	OG				SWIFT	Serv	ices, Inc.	DATE 2-20-14 PAGE NO						
RED C	AK ENG	264	WELL NO. 2-1	4	LEASE	LEYD	JOB TYPE 5/2" LONGSTRING	TICKET NO. 27923						
CHART NO.	TIME	RATE (BPM)	VOLUME (BBD)(GAL)	PUMPS T C	PRESSUR	E (PSI) CASING	DESCRIPTION OF OPERATION	AND MATERIALS						
	1430						Ou LOUATED							
	1500						START 51/2" CASEDO IN WE	u						
							TD-4728 SET	<u>e 4727</u>						
<b>.</b>							179-4734 51/2#15.5							
							SJ-21	0.10.11.50						
							CONT BOUT - 2 59	, 9,10,11,58						
	-						Aur Cours - 2316 T	AT# 59						
	1730						DROP BALL- CARCULATE	Rente						
	1833	Ь	12	~		450	PUMP 500 GAC MUDFLUSH							
3	1835	6	20	√		450	PUMP 20 BELS KCL-FLUSH							
	1840		7-5				PWG RH (30.545) MH (20.5	ixs)						
	1850	4	36			250	Mx COMET - KOSKE FA-2	e 15.4 DAG						
	1905						WASH OF PUMP - LEDES							
	1905						RELEASE LATCH DOWN ANG	j.						
	1907	7	0	~			DESPIRE ANG	· · · · · · · · · · · · · · · · · · ·						
		7	105			900								
<b></b>	1925	6	112,2			1500	PLUE DOWN - PSZ UP LAT	CH ZU RUG						
	1930					OK	RELEASE PSZ-HELS							
							WASH TRUCK							
	2030						JOB COMPLETE							
							Yun V	,						
							WAYNE DUSTY, (	ko B						

## ALLIED OIL & GAS SERVICES, LLC 067267

Federal Tax I.D. #20-5975804

SERVICE POINT: REMIT TO P.O. BOX 93999 bruto SOUTHLAKE, TEXAS 76092 ONLOCATION JOB START JOB FINISH U TWP. CALLED OUT RANGE SEC. I 33 DATE 12-13-14 Tom on STATE WELL# 2-14 LOCATION Scotleity N to 210 Rd - 152-1 Scott LEASE HP. ElS into OLD OR NEW (Circle one) Nto 220 pd CONTRACTOR WW #2 OWNER TYPE OF JOB Surface 1229 CEMENT T.D. HOLE SIZE AMOUNT ORDERED 210 5x Class A. R. K.C. 762.57 DEPTH CASING SIZE 85/8 TUBING SIZE 2%.50 DEPTH DRILL PIPE DEPTH TOOL DEPTH 7.5 210 01 PRES. MAX MINIMUM COMMON @ MEAS. LINE SHOE JOINT POZMIX SV ç @ CEMENT LEFT IN CSG. 15 PH GEL 597 @1.10 CHLORIDE PERFS. 0 H20 ASC DISPLACEMENT 15,76 561 @ EOUIPMENT @ 0 CEMENTER Josh (SGA( PUMP TRUCK @ # 398 HELPER Brian mac @ BULK TRUCK 0 # 871-112 DRIVER A costa (TAK @ BULK TRUCK @ DRIVER # TOTAL 4.607.20 DISCOUNT 20 % 921, 74 **REMARKS:** - Brenk SERVICE 410 563 16 @ 2.48 HANDLING 227.08 16 5K Class 17 31-66 7:1.50 1.282.05 2.75 MILEAGE 10.36 K 45 X 15.76 361 1/20 DEPTH OF JOB . Sin 25 512. oment d Circ PUMP TRUCK CHARGE 0 DA EXTRA FOOTAGE 50 @ 7.70 45 346. HV MILEAGE 00 @ 4.40 45 198. LV MILEAGE  $\bigcirc$ CHARGE TO: Dak Evera 96 901. TOTAL 3 STREET \_ DISCOUNT 20 % 780.39 CITY\_\_\_\_ ZIP STATE \_\_\_\_ PLUG & FLOAT EQUIPMENT a, To: Allied Oil & Gas Services, LLC. a You are hereby requested to rent cementing equipment a and furnish cementer and helper(s) to assist owner or a contractor to do work as is listed. The above work was a, done to satisfaction and supervision of owner agent or TOTAL contractor. I have read and understand the "GENERAL

TERMS AND CONDITIONS" listed on the reverse side. PRINTED NAME SIGNATURE

#### discount otin DSALES TAX (If Any) TOTAL CHARGES 8. 529.16 1.701. 83 IF PAID IN 30 DAYS DISCOUNT 807. 33 IF PAID IN 30 DAYS 6. NET TOTAL

%

	DRILL STEM TES	T REPO	ORT					
	Red Oak Energy, Inc		14 17s 33	s 33w Scott, Ks         2-14         ket: 59556       DST#: 2         art: 2014.12.18 @ 17:33:00         pe:       Conventional Bottom Hole (Reset) Bradley Walter 69         nce Elevations:       3012.00 ft (KB) 3007.00 ft (CF)         KB to GR/CF:       5.00 ft         8000.00 psig 2014.12.19         :       2014.12.18 @ 19:59:30         :       2014.12.18 @ 22:16:45         SSURE SUMMARY         emp eg F)       Annotation 90:69         Initial Hydro-static 08:93       Open To Flow (1) 27:28         Shut-In(1)       26:86         27:80       Shut-In(1)         26:86       Open To Flow (2)         28:10       Shut-In(2)         27:80       Shut-In(2)         28:10       Shut-In(2)         Final Hydro-static       Gas Rates         Chole (inches)       Pressure (psig)       Gas Rate (Mct/d)				
ESTING, INC.	7701 E kellogg Dr. STE 700		Heyd 2-1	4				
	Wichita, Ks 67207		Job Ticket:	59556 <b>DST#:2</b>				
	ATTN: Sean Deenihan		Test Start:	2014.12.18 @ 17:33:00				
GENERAL INFORMATION:								
Formation:MarmatonDeviated:NoWhipstock:Time Tool Opened:19:59:45Time Test Ended:02:46:30	ft (KB)		Test Type: Tester: Unit No:	Conventional Bottom Hole (Reset) Bradley Walter 69				
Interval:         4330.00 ft (KB) To         44           Total Depth:         4445.00 ft (KB) (TN         4445.00 ft (KB) (TN           Hole Diameter:         7.88 inchesHole	4 <b>5.00 ft (KB) (TVD)</b> /D) e Condition: Good		Reference	Elevations: 3012.00 ft (KB) 3007.00 ft (CF) B to GR/CF: 5.00 ft				
Serial #: 8365         Inside           Press@RunDepth:         789.71 psig           Start Date:         2014.12.18           Start Time:         17:33:05           TEST COMMENT:         IF: BOB @ 1.5 m	<ul> <li>4331.00 ft (KB)</li> <li>End Date:</li> <li>End Time:</li> </ul>	2014.12.19 02:46:30	Capacity: Last Calib.: Time On Btm: Time Off Btm:	8000.00 psig 2014.12.19 2014.12.18 @ 19:59:30 2014.12.18 @ 22:16:45				
ISI: BOB @ 6 min FF: BOB @ 1 min FSI: BOB @ 5 mi	n. n. (gas to surface @ 20 min.)	1	22500					
Pressure vs. T	ime 3365 Temperature	Time	PRESS					
229 200 100 100 100 100 100 100 100	8305 Tempendure 100 100 100 100 100 100 100 10	Time (Min.) 0 1 30 60 61 89 137 138	Pressure (psig)         Tem (deg           2215.84         109.0           204.63         108.3           565.57         127.3           1113.27         127.3           575.29         126.3           789.71         128.           1087.48         127.3           2171.76         126.3	Annotation F) Annotation F) F) F) F) F) F) F) F) F) F) F) F) F)				
Recovery				Gas Rates				
Length (ft) Description	Volume (bbl)		Cho	xe (inches) Pressure (psig) Gas Rate (Mcf/d)				
180.00 gmco 30g 30m 40o	1.42							
0.00 2250' GIP (Gas to surfac	e) 0.00							
* Recovery from multiple tests	+ + +							

Trilobite Testing, Inc

t		_		_		
(On-		DRI	LL STEM TEST REPORT	-		FLUID SUMMAR
		Red Oa	ak Energy, Inc	14 17s 33v	v Scott, Ks	
	ESTING, INC.	7701 E	kellogg Dr. STE 700	Heyd 2-14		
		Wichita	a, Ks 67207	Job Ticket: 5	9556	DST#:2
		ATTN:	Sean Deenihan	Test Start: 2	014.12.18 @ 1	7:33:00
Mud and Cu	Ishion Information					
Mud Type: Ge	el Chem		Cushion Type:		Oil A PI:	29 deg A Pl
Mud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	56.00 sec/qt		Cushion Volume:	bbl		
Water Loss:	7.20 in <sup>3</sup>		Gas Cushion Type:			
Resistivity:	0.00 ohm.m		Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm					
Filter Cake:	1.00 inches					
Recovery In	formation		Pagayon, Tabla			
	· · · · · · · · · · · · · · · · · · ·			1	7	
	Leng ft	th	Description	Volume bbl		
		180.00	gmco 30g 30m 40o	1.423	3	
	1	820.00	go 35g 65o	25.530	2	
		0.00	2250' GIP (Gas to surface)	0.000	2	
	Total Length:	2000	.00 ft Total Volume: 26.953 bbl			
	Num Fluid Samp	oles: 0	Num Gas Bombs: 0	Serial #	:	
	Laboratory Nan	ne:	Laboratory Location:	e e riai n		
	Recovery Com	ments:	,			

Printed: 2014.12.19 @ 06:10:45

Ref. No: 59556





Heyd 2-14

DST Test Number: 2

	DRILL STEM TES	T REPO	ORT
	Red Oak Energy, Inc		14 17s 33w Scott, Ks
ESTING , INC.	7701 E kellogg Dr. STE 700		Heyd 2-14
	wichita, KS $67207$		Job Ticket: 59555 <b>DST#:1</b>
	ATTN: Sean Deenihan		Test Start: 2014.12.17 @ 13:03:00
GENERAL INFORMATION:			
Formation:LKC - BDeviated:NoWhipstock:Time Tool Opened:14:50:00Time Test Ended:18:34:00	ft (KB)		Test Type:Conventional Bottom Hole (Reset)Tester:Bradley WalterUnit No:69
Interval: 4058.00 ft (KB) To 40	92.00 ft (KB) (TVD)		Reference Elevations: 3012.00 ft (KB)
Total Depth: 4092.00 ft (KB) (T Hole Diameter: 7.88 inches Hole	/D) e Condition: Good		3007.00 ft (CF) KB to GR/CF: 5.00 ft
Sorial # 0265 Incide			
Press@RunDepth: 38.34 psig	@ 4059.00 ft (KB)		Capacity: 8000.00 psig
Start Date: 2014.12.17	End Date:	2014.12.17	Last Calib.: 2014.12.17
Start Time: 13:03:05	End lime:	18:33:59	Time On Btm: 2014.12.17 @ 14:49:45 Time Off Btm: 2014.12.17 @ 16:42:00
TEST COMMENT: IF: 1/2" blow . ISI: No return. FF: 1/4" blow . FSI: No return.			
Pressure vs. T	ime □ □		PRESSURE SUMMARY
530 Hosure 179 179 179 100 179 100 100 100 100 100 100 100 10	BXES Temperature	Time (Min.) 0 1 24 57 57 77 112 113	Pressure (psig)         Temp (deg F)         Annotation           1982.17         105.35         Initial Hydro-static           13.03         104.04         Open To Flow (1)           25.66         105.11         Shut-In(1)           1036.78         105.82         End Shut-In(1)           27.14         105.47         Open To Flow (2)           38.34         107.05         Shut-In(2)           1034.47         109.04         End Shut-In(2)           1939.15         109.84         Final Hydro-static
Recovery			Gas Rates
45.00 Mud 100m (oil specs)	Volume (bbl) 0.22		Choke (inches) Pressure (psig) Gas Rate (Mct/d)
* Recovery from multiple tests			
Trilobite Testing, Inc	Ref. No: 59555		Printed: 2014.12.17 @ 19:48:22

	DRILL STEM TES	T REPO	DRT			
I RILUDITE	Red Oak Energy, Inc		14 17s 33	Sw Scot	t, Ks	
ESTING , INC.	7701 E kellogg Dr. STE 700	Heyd 2-14				
	Wichita, KS 67207		Job Ticket:	59555	DST	#:1
	ATTN: Sean Deenihan		Test Start:	2014.12.	17 @ 13:03:00	)
GENERAL INFORMATION:						
Formation:LKC - BDeviated:NoWhipstock:Time Tool Opened:14:50:00Time Test Ended:18:34:00	ft (KB)		Test Type: Tester: Unit No:	Conver Bradley 69	ntional Bottom ⁄ Walter	Hole (Reset)
Interval: 4058.00 ft (KB) To 40	92.00 ft (KB) (TVD)		Reference	Elevation	s: 3012.	00 ft (KB)
Total Depth: 4092.00 ft (KB) (T Hole Diameter: 7.88 inches Hole	/D) e Condition: Good		к	B to GR/C	3007. E: 5.	00 ft (CF) 00 ft
				0.70		
Serial #: 8522 Outside	@ 4050.00 ft (KP)		Conceitur		8000	
Start Date: 2014.12.17	End Date:	2014.12.17	Last Calib.:		1899.12.	00 psig 30
Start Time: 13:03:05	End Time:	18:33:59	Time On Btm:			
TEST COMMENT: IF: 1/2" blow . ISI: No return. FF: 1/4" blow . FSI: No return.						
Pressure vs. 7	îme		PRESS	URE SL	MMARY	
8622 Pressure	8522 Temperature	Time (Min.)	Pressure Temp	Ann	otation	
1750		(1/11.)	(psig) (deg			
779 700 700 700 700 700 700 700						
Recovery			(	Gas Rate	es	
Length (ft) Description	Volume (bbl)		Cho	ke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
45.00 Mud 100m ( oil specs)	0.22					
* Recovery from multiple tests						

+						
10h		DRI	LL STEM TEST REPOR	Г	1	FLUID SUMMARY
		Red Oa	ak Energy, Inc	14 17s 33v	v Scott, Ks	
	ESTING , INC.	7701 E	kellogg Dr. STE 700	Heyd 2-14		
		Wichita	a, Ks 67207	Job Ticket: 5	9555	DST#:1
		ATTN:	Sean Deenihan	Test Start: 2	014.12.17 @ 13	3:03:00
Mud and (	Cushion Information					
Mud Type:	Gel Chem		Cushion Type:		Oil A PI:	0 deg A Pl
Mud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	56.00 sec/qt		Cushion Volume:	bbl		
Water Loss:	6.40 in <sup>3</sup>		Gas Cushion Type:	neia		
Salinity:	3400.00 ppm		Gas Cushion Flessure.	psig		
Filter Cake:	1.00 inches					
Recovery	Information					
			Recovery Table		_	
	Leng ft	th	Description	Volume bbl		
		45.00	Mud 100m ( oil specs)	0.221		
	Total Length:	45	.00 ft Total Volume: 0.221 bbl			
	Num Fluid Samp	oles: 0	Num Gas Bombs: 0	Serial #		
	Laboratory Nan	ne:	Laboratory Location:			
	Recovery Com	nents:				

Printed: 2014.12.17 @ 19:48:23

Ref. No: 59555





Printed: 2014.12.17 @ 19:48:23

Ref. No: 59555





CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES         The customer hereby acknowledges receipt of the materials and services listed on this licket           SWIFT OPERATOR         APPROVAL	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.       REMIT PAYMENT TO:       VIRE GUIPMENT PERFORMED VIRE SUBJECT PRIOR TO       VIRE CUMPACT PERFORMED VIRE CUMPACT PERFORMED       VIRE CUMPACT PERFORMED VIRE CUMPACT PERFORMED       VIRE CUMPACT PERFORMED	330 SBI CEMENT SERVICE CHARGE 250 SX /8 SBI DRAYAGE DRAYAGE 250 SX /8 SPILLATIM /8	PRICE     SECONDARY REFERENCE     ACCOUNTING     DESCRIPTION     OTY.     UM     OTY.     OTY.     UM     OTY. </th <th>Service Locations     Mellproject NO.     LEASE     Converse     Converse     Converse     Converse     Converse     PAGE       Service Locations     Mellproject NO.     LEASE     Converse     Converse</th>	Service Locations     Mellproject NO.     LEASE     Converse     Converse     Converse     Converse     Converse     PAGE       Service Locations     Mellproject NO.     LEASE     Converse     Converse
Thank You!	TOTAL 77735 - 11 TOTAL 8082 71	100 100 100 100 100 100 100 100 100 100	M PRICE AMOUNT 1500 20 50 125 22 2350 22 50 125 20 2350 20 50 100 100 100 100 100 100 100 100 100	DATE PAGE 1 OF ORDER NO. WELL LOCATION WELL LOCATION WELL LOCATION WELL LOCATION WELL LOCATION

STOMER	x /		WELL NO.		1	LEASE	1.10	2-14 JOB TYPE ANT ANT PART COLLAR DR184
KED	OAKE	NER64		DUM		PRESSURE	- YD -	2-14 CEMENT CEMENT
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	T	C	TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
	1130							ON LOCATION
_								
								PORT COLLAR @ 2312
	1302				~		1000	JEST - HELD
								0 1
	1320							OPEN FORT (DULAR
				ļ				2.22
	1324	4	110	7		400		MIX 2005K SMD
		3	122	V	-	300		DISPLACE CEMENT
								CIRCULATE 2DSX 10 PII
					-			
	1355	-		2		1000		CLOSE PORT COLLAR - TEST - FIELD
		-						
								Run 4073.
		-			-			Para Area I
	1409	H	28		2		300	KEVERSK CLEAN.
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	1418							WASHTRUCK
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