Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1207509

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

Address 1:	OPERATOR: License #	API No. 15
Address 2:	Name:	Spot Description:
City:	Address 1:	
Contact Person:	Address 2:	Feet from North / South Line of Section
Phone: NE NW SW Phone: NE NW SW Personal SW Permit #: SW SW	City: State: Zip:+	Feet from East / West Line of Section
CONTRACTOR: License #	Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Name:	Phone: ()	
Name: (e.g. xxxxxx) (e.g. xxxxxx) (e.g. xxxxxx) Wellsite Geologist:	CONTRACTOR: License #	GPS Location: Lat:, Long:
Wellsite Geologist:	Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Purchaser:	Wellsite Geologist:	
Designate Type of Completion: <pre></pre>	Purchaser:	,
New Well Re-Entry Workover Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. Elevation: Ground: Kelly Bushing: CM (Coal Bed Methane) Coth (Coal Bed Methane) Elevation: Ground: Kelly Bushing: CAthodic Other (Core, Expl., etc.): Multiple Stage Cementing Collar Used? Yes No If Workover/Re-entry: Old Well Info as follows: Feet Operator: Well Name: Feet Original Comp. Date: Original Total Depth: Feet Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer Chloride content: ppm Fluid Management Plan Dual Completion Permit #: Exerct Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite: Operator Name: East	Designate Type of Completion:	Lease Name: Well #:
Producing Formation: Oil WSW Oil WSW Gas D&A OG GSW OG GSW Charles SIGW Code GSW Cathodic Other (Core, Expl., etc.); Cathodic Other (Core, Expl., etc.); If Workover/Re-entry: Old Well Info as follows: If yes, show depth set: Operator: Well Name: Original Comp. Date: Original Total Depth: Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to GSW Conv. to SWD Dual Completion Permit #: Dual Completion Permit #: SWD Permit #: GSW Permit #: GSW Permit #: Charles or Date Reached TD Completion Date or Date Reached TD	New Well Re-Entry Workover	Field Name:
Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Total Vertical Depth: Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows: If Workover/Re-entry: Old Well Info as follows: Operator: Well Name: Original Comp. Date: Original Total Depth: Plug Back Conv. to ENHR Conv. to GSW Conv. to Freducer Chloride content: Multiple Stage Cementing Collar Used? If Atternate II completion, cement circulated from: Feet If Atternate II completion, cement circulated from: Feet If Atternate II completion, cement circulated from: Feet If Atternate II completion, cement circulated from: Conv. to GSW Conv. to Forducer Chloride content: Well Name: Completion Permit #: Syud Date or Date Reached TD Completion Date or Date Reached TD Completion Date or Sud Date or Date Reached TD Completion Date or Sud Date or Date Reached TD Completion Date or Sud Date or Date Reached TD Completion Date or Sud Date or Date Reached TD Completion Date or Sud Date or Date Reached TD Completion Date or Submetry of the sum of the s		Producing Formation:
OG GSW Temp. Abd. CM (Coal Bed Methane) Total Vertical Depth: Plug Back Total Depth: Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows: If yes, show depth set: Operator: Original Total Depth: Well Name: Original Total Depth: If Workover/Re-entry: Old Well Info as follows: If yes, show depth set: Operator: Original Total Depth: Well Name: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: bbls Dewatering method used: Dual Completion Permit #: Location of fluid disposal if hauled offsite: Operator Name: Case Name:		Elevation: Ground: Kelly Bushing:
CM (Coal Bed Methane) 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: Original Total Depth: Feet Well Name: Original Total Depth: feet depth to: w/		Total Vertical Depth: Plug Back Total Depth:
Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows: Operator:		Amount of Surface Pipe Set and Cemented at: Feet
Operator:		Multiple Stage Cementing Collar Used?
Well Name:	If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
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 #: Chloride content: ppm Dual Completion Permit #: Devermit #: Dev	Operator:	If Alternate II completion, cement circulated from:
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 #:	Well Name:	feet depth to:w/sx cmt.
Plug Back Conv. to GSW Conv. to Producer (Data must be collected from the Reserve Pit) Commingled Permit #:		
Plug Back Conv. to GSW Conv. to Producer (Data must be collected from the Reserve Pit) Commingled Permit #: ppm Fluid volume: bbls Dual Completion Permit #: bbls Dewatering method used: bbls SWD Permit #: Location of fluid disposal if hauled offsite: bbls GSW Permit #: Operator Name: Lease Name: License #: Spud Date or Date Reached TD Completion Date or Guarter Sec. Twp. S. R. East West	Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Commingled Permit #: Dual Completion Permit #: SWD Permit #: ENHR Permit #: GSW Permit #: Operator Name: Lease Name: Lease Name: License #: Quarter Sec TwpS. R	Plug Back Conv. to GSW Conv. to Producer	
Dual Completion Permit #: SWD Permit #: ENHR Permit #: GSW Permit #: Operator Name: Lease Name: Lease Name: License #: Quarter Sec Twp S. R		Chloride content: ppm Fluid volume: bbls
SWD Permit #: Location of fluid disposal if hauled offsite: ENHR Permit #: Operator Name: GSW Permit #: Lease Name: Spud Date or Date Reached TD Completion Date or		Dewatering method used:
ENHR Permit #: Operator Name: GSW Permit #: Lease Name: Spud Date or Date Reached TD Completion Date or		Logation of fluid dianopal if hould offeite:
GSW Permit #: Operator Name: Lease Name: Lease Name: Spud Date or Date Reached TD Completion Date or Quarter Sec TwpS. R East West		Location of huid disposal if hadied offshe.
Spud Date or Date Reached TD Completion Date or Lease Name: License #: Quarter Sec. Twp. Spud Date or Completion Date or		Operator Name:
Spud Date or Date Reached TD Completion Date or		Lease Name: License #:
	Soud Date or Date Beached TD Completion Date or	Quarter Sec TwpS. R East West
	- Free contraction of the contra	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 Approved by: Date:

	Page Two	1207509		
Operator Name:	Lease Name:	Well #:		
Sec TwpS. R East West	County:			
INCTRUCTIONS. Chain important tang of formations panetrated De	tail all aaraa Bapart all final	conico of drill stome toste siving interval tosted, time tool		

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 (Attach Additional Sheets)		Yes No		-			Sample	
Samples Sent to Geological Survey		Yes No	Nam	e		Тор	Datum	
Cores Taken Electric Log Run		Yes No						
List All E. Logs Run:								
			RECORD Ne					
		Report all strings set-o	conductor, surface, inte	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	JEEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives		
Protect Casing								
Plug Off Zone								

Did you perform a hydraulic fracturing treatment on this well?	Yes	No	(
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes	No	(
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes	No	(

(If No, skip questions 2 and 3) (If No, skip question 3)

(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					A		ement Squeeze Record of Material Used)	Depth	
TUBING RECORD:	Siz	ze:	Set At:		Packer	At:	Liner Ru	n:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	ł.	Producing M	ethod:	oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	S.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL:						FRVAL:				
Vented Sold Used on Lease Open Hole Perf. Dually Comp. Comm										
(If vented, Su	(Submit A (If vented, Submit ACO-18.)					,	(Submit ACO-4)			

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Raydon Exploration, Inc.
Well Name	Parity 1-34
Doc ID	1207509

All Electric Logs Run

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

Form	ACO1 - Well Completion
Operator	Raydon Exploration, Inc.
Well Name	Parity 1-34
Doc ID	1207509

Tops

Name	Тор	Datum
Base Heebner	4330	-1591
Toronto	4341	-1602
Lansing FM	4461	-1722
Kansas City FM	4968	-2229
Marmaton	5131	-2392
PAwnee	5244	-2505
Ft. Scott	5292	-2553
Cherokee FM	5322	-2583
Morrow	5644	-2905
Chester	5744	-3005
St. Genevieve	5991	-3252
St. Louis	6084	-3345

Form	ACO1 - Well Completion
Operator	Raydon Exploration, Inc.
Well Name	Parity 1-34
Doc ID	1207509

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	24	1602	A-Con, Prem Plus	550	3%CC,Pol y,.2%WCA -1
Production	7.875	5.5	15.5	5840	AA-2	325	5%W60,1 0%Salt,.6 %C15



Cement Report

Customer	Kazion	Exp		Lease No.		Date	2-23-14
Lease	Parity	1		Well # /-	34 .	Service Receip	والمتحاصين والمراجع والمحاصية والمراجع المراجع والمراجع والمراجع المحاج والمحاج والمحاج والمراجع والمراجع المحاج
Casing 8	s/s" 0		6054.	4	se ward	State K	ansas
Job Type	SU. FAC	0	Formation		Legal Desc	ription	
-		Pipe D	Data		Perfora	ting Data	Cement Data
Casing size	45/40		Tubing Size		Sho	ots/Ft	Lead 400 5x
Depth	1605	*h.	Depth		From	То	A Con @ 11,
Volume	79.4		Volume		From	То	2.95 18
Max Press	500		Max Press		From	То	Tail in 150 sk 7,12 @ 14,8#
Well Connec	tion P.C.		Annulus Vol.		From	То	1.1- W14,8#
Plug Depth			Packer Depth		From	То	1.34 6.
Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate		Service	Log
20:30					onloc.	Spot +-R	0. Satta nto
0:00	1600#				Test Lin	es	
0'.03	360		Ø	5	Start N	ixing 6	11,4#
0:31	150		210	2.5	onTail	@14,81	4
0:53	Ø		36	ø	Finishn	Lixing, I	Drop Plus
6:58	110	34 84	Ø	5	Start D	rip, We	ishup.
01.18	380		89	1.5	Slow R	all	
01:23	390-99	O d	99.5	Ø	Hug D	own,	No Keturns
01:25	Ø		ļ		Kelpar	10 FSI	Float Hold
				ļ	Wait Or	1 Cymai	it-
04:00					Concert	on loc	C 110#
09:50			0	5	STMIX	14	@ 14,84
05:07			30	Ø.	rughed	MINING	1255x
B'10			·		Washop	TYC:	195 (a) 65'
					LOOP CI	mplet	
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	45. °						
7							
						295 - S.	
Service Units	1949	20	100000 VU	· 9//1/14		icrod	
Sonuco Linite	5 1 7 7 1	11	5421997-11	126113	199724 29804 Wan RODA	17570	·
Driver Name			1 1 1	T 1	- man	7	

Customer Representative

Station Manager

Cementer

Taylor Printing, Inc.



Cement Report

Customer	Rundon			Lease No.		Da	ate 3-14.14
Lease 🗋	in ty			Well #).	34 -	Service R	Receipt
Casing		Depth		County		State	
Јор Туре		<u></u>	Formation		Legal (Description 34	.33.31
		Pipe D	Data		Perfo	orating Data	Cement Data
Casing size	512	15,54	Tubing Size		5	Shots/Ft	Lead 1005x e R# Hy
Depth	5846	,	Depth		From	То	Lead 1005x @ 124 195 57. W-60,107. 5411, 12. 010 1111 Devic war (5. 546 150. 1
Volume	~ ~	661	Volume		From	То	AIR Const
Max Press			Max Press		From	То	Tail in 22554.14.878 St. 10-60,152,544, Er. C.15 Vot 8 Sciences St. 6-72 ail
Well Connec	tion		Annulus Vol.		From	То	West Des an range Stration it
Plug Depth	580'	4	Packer Depth	.	From	То	MAQ Crossit
Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate		Se	ervice Log
2400					Caloca	tion	
0500					Ricup		
c 550					Salely	Meeting	
0640	2500				Pressure	Test	
144	10,0		5	5	Pun, 56!	be of wulter	
0644	100		12	5	Pump SJ	per flish	
0649	100		5	S	Rump 101	ter	
0658	100		9	2	the Ky	1 1/0/c	30 SA
0708	100		7	2	11.3 14.	ouse Hole	<u>n 0 3X</u>
5718	100		50	6	Pung loc	SXE 121	PP6
0726	100		60	4	Vang 22	S 5x 0 14.	8 Pit 4
0743					1-2-1	ug hiash c	<u>م ز</u>
c747				5.5	Start	Visilace	niont
6 708	%00		120	A	5/04	U Kale	
<u>C815</u>	1450		138	2		Plug	· 1 1 .; / 1
C420			· · · · · · · · · · · · · · · · · · ·			1059210 -	1/04/1/11/
				+	Shut	Dowy K	is Down
				<u> </u>			
l			-38 150	3811	<u> </u>		
Service Unit	101		19842	381137/	<u>x4</u>		
Driver Name	s Ruh	f la	Parlos	Koser	- 1	L	J

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Beiliett

brilly fin

Customer Representative

Station Manager

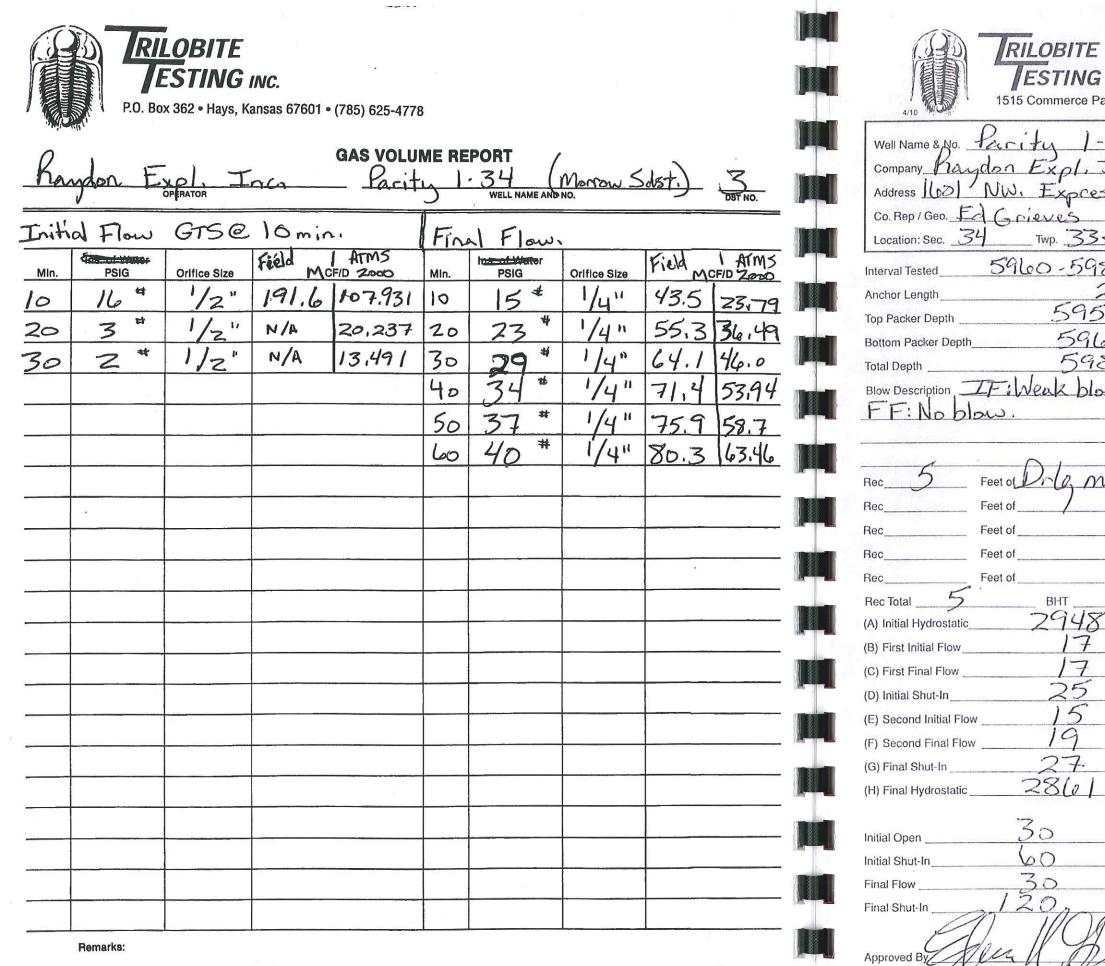
Cementer

Taylor Printing, Inc.

Test Ticket
NO. 52482
5 Date 3-11-14 2739 KB 2730 GL KCJOK 73116 meat 4 and State KS
16 Nud Wt. 9.2 16 Vis <u>47</u> 8 WL <u>8.8</u> n System LCM <u>7.</u> 11 No blow No blow
5 %oil 55 %water 40 %mud %oil 85 %water 15 %mud %oil %water %mud %oil %water %mud
%oil %water %mud
@ <u>34,5</u> °F Chlorides <u>/96°</u> ppm T-On Location <u>/415</u> T-Started <u>/415</u> T-Open <u>/833</u> T-Pulled <u>2304</u> T-Out <u>0232</u> Comments
Ruined Shale Packer Ruined Packer Ruined Packer Extra Copies Sub Total75 Total2531.70 MP/DST Disc't

Trilobite Testing file: 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 in 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.

•



Initial Open 0 Extra Packer Extra Copies Initial Shut-In 0 Extra Recorder 1d 26.5h Sub Total 883.33 Final Flow 30 X Day Standby 1day (p57 4-5) Total 3290.03 Final Shut-In 12.0 Accessibility 150 MP/DST Disc't 10		RILOBITE			Test 1	Ficket	
$\begin{array}{c} \mbox{Company} \begin{tabular}{l l l l l l l l l l l l l l l l l l l $	4/10			01	NO. 5	2481	
Rec Feet of %gas %oil %water %mud Rec Safety Joint CAPI RW_N/2 N/4 * F Chlorides 3400 ppm (A) Initial Hydrostatic 29.48 Jars 250 T Started 92.75 T On Location 19.15 (B) First Final Flow 17 Safety Joint 75 T Out 02.607 (B) Initial Shut-In 25 G Circ Sub T Out 02.607 <td< td=""><td>Company <u>Ran</u> Address <u>160</u> Co. Rep / Geo. <u>F</u> Location: Sec. <u>3</u> Interval Tested <u>Anchor Length</u> Top Packer Depth <u>Bottom Packer Depth</u> Total Depth <u>Blow Description</u></td><td>don Expl. NW. Express d Grieves <u>4</u> TWP. <u>335</u> 5960-598 20 595 5960 5960 5960</td><td>$\frac{\text{Rge. } \text{Ste. } \text{J}^{3}}{\text{C}}$ $\frac{\text{Rge. } \text{J}_{w}, }{\text{C}}$ $\frac{\text{C}}{\text{C}}$ $\frac{\text{C}}{\text{C}}$</td><td>Elevation 2 Rig Jan Co. Scroo L. Ches 569 240 ppm</td><td>739 200 F 200 F 200</td><td>KB 273 <math>273 3116 <math>4 State K^{4} 65 8.0 84</math></math></td><td>5</td></td<>	Company <u>Ran</u> Address <u>160</u> Co. Rep / Geo. <u>F</u> Location: Sec. <u>3</u> Interval Tested <u>Anchor Length</u> Top Packer Depth <u>Bottom Packer Depth</u> Total Depth <u>Blow Description</u>	don Expl. NW. Express d Grieves <u>4</u> TWP. <u>335</u> 5960-598 20 595 5960 5960 5960	$\frac{\text{Rge. } \text{Ste. } \text{J}^{3}}{\text{C}}$ $\frac{\text{Rge. } \text{J}_{w}, }{\text{C}}$ $\frac{\text{C}}{\text{C}}$	Elevation 2 Rig Jan Co. Scroo L. Ches 569 240 ppm	739 200 F 200	KB 273 $273 3116 4State K^{4}658.084$	5
Rec Feet of %gas %oil %water %mud Rec Feet of %gas %oil %water %mud Rec Feet of Gravity IV/C API RW IV/2 IV/2 F Chlorides 3400 ppm (A) Initial Hydrostatic 2948 Test 1350 T-On Location 1925 (B) First Initial Flow 17 Jars 250 T-Started 1927 (C) First Final Flow 17 Safety Joint 75 T-Open 2253 (D) Initial Shut-In 25 Circ Sub T-Out 02007 Comments (E) Second Final Flow 19 Mileage 331.70 Comments Girc Sub Comments Girc Sub Comments Gold Of P Comments Gold Of P Comments Gold Of P Comments Gold Of P Gold Of P </td <td></td> <td>- </td> <td>ıd</td> <td></td> <td></td> <td></td> <td>2</td>		-	ıd				2
Rec Feet of %gas %oil %water %mud Rec Total 5 BHT Gravity N/C API RW N/L ® N/L °F Chlorides 3400 ppm (A) Initial Hydrostatic 2948 Test 1350 T-On Location 19155 (B) First Initial Flow 17 y Jars 250 T-Started 1927 (C) First Final Flow 17 y Safety Joint 75 T-Open 2253 (D) Initial Shut-In 25 Circ Sub T-Out 02007 (E) Second Initial Flow 15 Hourly Standby Comments Comments (F) Second Final Flow 19 Mileage 331.70 Sampler Initial Shut-In 27 (G) Final Shut-In 27 Sampler Initial Open Initial Open Initial Shut-In 28 Initial Packer Initial Recorder Initial Recorder Initial Recorder Extra Recorder Extra Copies Sub Total 883.33 Final Flow 30 Day Standby Idaes port 4-5 Total 3290.03 Final Shut-In 20 Accessibility 150 <td>Rec</td> <td>Feet of</td> <td></td> <td>%gas</td> <td>%oil</td> <td>%water</td> <td>%mud</td>	Rec	Feet of		%gas	%oil	%water	%mud
Rec Total 5 BHT Gravity N/C API RW N/2 @ N/C F Chlorides 3400 ppm (A) Initial Hydrostatic 2948 Test 1350 T-On Location 19155 (B) First Initial Flow 17 Jars 250 T-Started 192.7 (C) First Final Flow 17 Safety Joint 75 T-Open 22.53 (D) Initial Shut-In 25 Circ Sub T-Out 02.077 (E) Second Initial Flow 15 Hourly Standby Comments (G) Final Shut-In 27 Sampler Comments (H) Final Hydrostatic 28(0) Straddle Ruined Shale Packer Initial Open 30 Extra Packer Ruined Packer Initial Shut-In 00 Extra Recorder 10.65h Sub Total 883.33 Final Flow 30 Pay Standby Day Standby Day Standby Day Standby Total 3290.03 Final Shut-In 20 Accessibility 150 MP/DST Disc'1 10	Rec	Feet of		%gas	%oil	%water	%mud
Approved By Alian Approved By	Rec Total		Test 1350 Jars 250 Safety Joint Circ Sub Hourly Standby Mileage 331 Sampler Straddle Shale Packer Extra Packer Extra Packer Day Standby Accessibility Sub Total 2406.70	API RW $N/2$ @ 75 .70 250 1d 26.5h $day (p \le 4 - 5)$ 150 r Representative_ a test is made, or for any loss	N/C °F CH T-On Locat T-Started _ T-Open T-Pulled T-Out Comments I Ruined Ruined Extra C Sub Total Total MP/DST I	Inlorides 3400 ion 1915 192 225 025 025 020 Shale Packer Packer Packer Packer B83.33 290.03 Disc't	2 ppm 7 3 7 7

RILOBITE RILOBITE **Test Ticket** ESTING INC. ESTING INC. NO. 52479 1515 Commerce Parkway · Hays, Kar 1515 Commerce Parkway · Hays, Kansas 67601 4/10 -.3L Date 3-5-14 Well Name & No. Parity 1.34 Tarity Test No. Well Name & No. кв2730 27.39 Inc Expl GL Lnc Elevation Company Kandon Expl. Company handon 73116 Expressivaly Ste, 1300 OKG; OK NW. Expressivary NW Address 400 Address 00 TomLat # 4 Co. Rep/Geo. FA Greives Co. Rep / Geo. Ed Grienes State KS TWD. 335. Rge. 31 w Twp. 335. Rge. 31 3L 34 co. Sewand Location: Sec. Location: Sec. Interval Tested 5463 5656-5680 Itoka Zone Te Zone Tested Interval Tested 90 24 L 5202 Mud Wt. Drill Pip **Drill Pipe Run** Anchor Length Anchor Length 53 5444 246 565 Vis Drill Coll Top Packer Depth **Drill Collars Run** Top Packer Depth 5656 8.0 5449 B Wt. Pipe Bottom Packer Depth Wt. Pipe Run WI Bottom Packer Depth H 5680 5463 7 700 LCM Chloride ppm System Chlorides Total Depth **Total Depth** IF: Strong blow. BoBe I.SI: No blow IF! Fair Daw -Blow Description Blow Description IST' No bla Bloc FF: Good blow 5 -ST -No Strong blow. BOB immed. G FSII No bla Rec 300 Feet of GTP %oil %water %mud D Feet of %gas Rec mus Feet of Min %water /00 %mud D %oil Feet of %gas Rec Rec Feet of %gas %oil %water %mud Feet of Rec Rec %oil %water Feet of %gas %mud Rec_ Feet of Rec %oil %mud %gas %water Feet of Feet of Rec Rec внт 13 APIRW N/c@ N/c °F Chlorides 1700 BHT 125 10 Gravity N Gravity N/L **Rec Total** ppm **Rec Total** 0430 2837 2558 1350 T-On Location (A) Initial Hydrostatic Test Test (A) Initial Hydrostatic 0613 2 **T-Started** 67 Jars (B) First Initial Flow (B) First Initial Flow Jars___ 250 1050 40 T-Open 16 X Safety Safety Joint _ (C) First Final Flow (C) First Final Flow 1520 T-Pulled 1876 21 Circ Su (D) Initial Shut-In (D) Initial Shut-In Circ Sub 1827 E-Out 78 5 Hourly Standby Hurs, 1.25h D Hourly (E) Second Initial Flow (E) Second Initial Flow Comment 52 Mileage 250 331.70 X Mileage (F) Second Final Flow (F) Second Final Flow 1873 346 (G) Final Shut-In D Sample (G) Final Shut-In G Sampler 272 2528 (H) Final Hydrostatic G Straddl (H) Final Hydrostatic □ Straddle Ruined Shale Packer Shale I Shale Packer 250 Ruined Packer 30 30 C Extra P Initial Open Initial Open D Extra Packer Extra Copies 60 (00 Initial Shut-In C Extra F Initial Shut-In 0 D Extra Recorder Sub Total Day Standby day (DST2 100 Day Sta 60 **Final Flow Final Flow** 2531.70 Total 20 20 Access Final Shut-In Accessibility 150 Final Shut-In MP/DST Disc't Sub Total 2531.70 Approved By Our Representative Trilobite Testing tic. shall not be liable for barnaged 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 Approved By 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.

Test Ticket

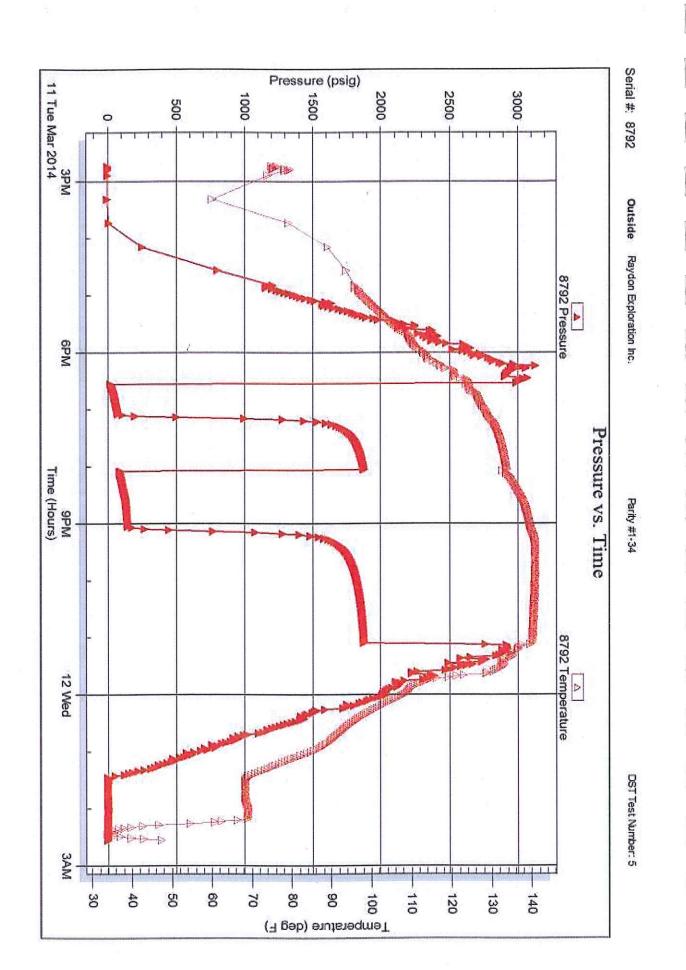
isas 67601		NO. 52	2480	
	Test No. 3 Elevation 27		ate <u>3 - 7 - 1</u> (B_2730	14 GL
te. 13	Rig Jame	JOK,	Santratas concerns	
o <u>.</u> c	o. Sewane	d	State_KS	
ested	Morrow	Sds	<u>F.</u>	
e Run	5389	Mud	Wt. 911	
lars Run	246	Vis	52	
a Run	Þ	WL	6.8	
es 1600)ppm Sys	tem LCM	17#	
3.30sec.	1 20.	min		
nongred a	zas throug	hout		
	%gas	%oil	%water 100	%mud
	%gas	%oil	%water	%mud
	%gas	%oil	%water	%mud
	%gas	%oil	%water	%mud
- 	%gas	%oil	%water	%mud
10 API	RW N/C@A	/ F Ch	lorides 1700	ppm
1350		T-On Locati	on_0515	
250	and the second second second	T-Started	0528	
Joint 75		T-Open		
ıb		T-Pulled		<u> </u>
			1650	
Alarma State Landar and	331.70	Comments		
ər				
le			Shale Packer	
	50		Packer	
acker			copies	
Recorder			358.33	
andby 2da			765.03	
sibility1d 1	0.75h 150	MP/DST [Disc't	
2406.70				

Our Representative

Printed: 2014.03.16 @ 12.38.07

Ref. No: 52482





	STI	NG INC. rce Parkway	
Well Name & No. PAR	174	· # 1	-30
Company RAYNON	JE	XPLOR	ETA-
Address 1601 N.W.			
Co. Rep / Geo. 25			
Location: Sec. <u>34</u>			Rge
Interval Tested	\$8	- 4468	<u>s'</u> z
Anchor Length		10	D D
Top Packer Depth		44s.	<u>3</u> ' D
Bottom Packer Depth		445	3' V
Total Depth		446.	<u> </u>
Blow Description IE:	Stro		
(see gos flow ry	2000	EN.	ISI
FF: Strong Us	w,	30.3.	in 1
FSI; Strong lot			
Rec 185 Feet of	GI	nco	
Rec 1200 Feet of	CG	0	Sector Andrea
RecGO Feet of	GN	100	lan conten
Rec Feet of			
Rec Feet of	<u></u>		
Rec Total 1945 Flui	A BHT	1180	_ Gravity
(A) Initial Hydrostatic	21	82	GT
(B) First Initial Flow		.08	the J
(C) First Final Flow		214	W/S
(D) Initial Shut-In	1	202	
	1	2.59	E H
(E) Second Initial Flow			dr n
(E) Second Final Flow	ĺ	184	CM N
And the second	ر ۱۵	200	
(F) Second Final Flow	ر ۱۵	189 200 40	
(F) Second Final Flow (G) Final Shut-In	ر ۱۵		
 (F) Second Final Flow	1: 21		o s o s or s
 (F) Second Final Flow	1: 21		
 (F) Second Final Flow	1: 21		
 (F) Second Final Flow	1: 2: 0	40	
 (F) Second Final Flow	10 10 20 0 0	40	

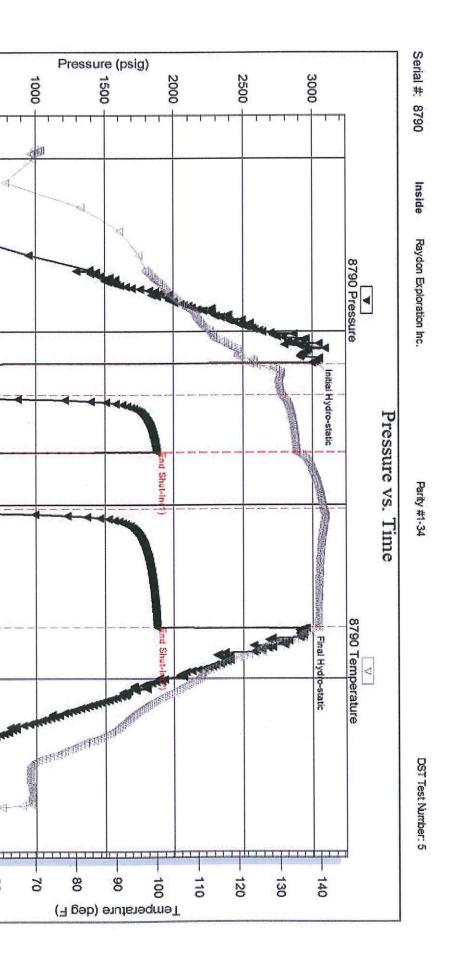
Test Ticket

NO. 51880

nsas 67601 Date 2-28-16 Test No. 2239 KB 2730 GL INC. Elevation 1300, DILLAHOMA CITY DK. 73116 Rig TOMCAT DIRLG. 井し CO. SEWARD 145 State A LANS sted 4202' 9.2 Mud Wt. e Run 50 240 lars Run Vis 6.200 0 e Run WL 12 # 3800 ppm System LCM B. in so secs . OTS in 8 mins strong blow B.O.B mins. (Flow rate was TSTM 30%mud 20%gas 50 %oil %water 38%gas 62%oil %water %mud 56 %oil 20 %mud 24 %gas %water %gas %oil %water %mud %oil %gas %water %mud 6.7 API RW N.C. @ ____ F Chlorides 3800 ppm 1250 1440 **T-On Location** 1534 **T-Started** 250 1818 T-Open_ Joint 75 2249 T-Pulled OSKY T-Out Standby X 4,5 3.75h 375 Comments 200)214rt 331.70 C Ruined Shale Packer Packer X 250 C Ruined Packer acker Extra Copies 0 lecorder Sub Total 2681.70 Total andby sibility No Accss To Rec WP/DST Disc't wolaam Our Representative

one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its in the hole shall be paid for at cost by the party for whom the test is made.

RILOBITE	DRILL STEM TEST REPORT	FLUID SUMMARY		T		
	Raydon Exploration Inc.	34-33s-31w Seward,KS		lobite	11 1	Ch
ESTING , INC		Parity #1-34		Triobile Testing, Inc	SPM 11 Tue Mar 2014	500 -
	Ste. 1300 Oklahoma City, Ok 73116	Job Ticket: 52482 DST#:5		ng. In	lar:	1 1 1 1 1
	ATTN: Ed Grieves	Test Start: 2014.03.11 @ 14:50:18		5	2014	Constant Server 15
lud and Cushion Information	а ²				× ×	
lud Type: Gel Chem	Cushion Type:	Oil API: deg API				
lud Weight: 9.00 lb/gal	Cushion Length:	ft Water Salinity: 190000 ppm			-	
iscosity: 47.00 sec/qt /ater Loss: 8.78 in ³	Cushion Volume: Gas Cushion Type:	bbl				
esistivity: 0.00 ohm.m	Gas Cushion Pressure:	psig		-		
alinity: 1200.00 ppm	 Any and the state of the state	to past		Ref. No:	-	
lter Cake: 0.20 inches				No		
ecovery Information				52482	on	
	Recovery Table	Volumo		182	6PM	
Lengt ft		Volume bbl				
	240.00 VSLI OCMW trc%o, 15%m, 85%w	1.180			-	
	60.00 OCMW 5%o, 40%m, 55%w	0.787				
Total Length:	300.00 ft Total Volume: 1.967 bbl					
Num Fluid Samp		Serial #: none			-	-
Laboratory Nam Recovery Com	ne: Laboratory Location: ments: RW: .1 @ 34.5 190000cl				me	
	namena and an				J 9PM Time (Hours)	
					urs)	
						Alt-In(2)
						8
			The second		-	
					12	
					2 Wed	
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				Inted		
				Printed: 2014.03.16 @ 12.38.07		
				4.0		11000
				3.16		A strand al
				e t	3AM	
				2:38		
				07		50 40
					1	



1000

	DRILL STEM TES	ST REPORT					TE	ORILL ST	EM TEST	REPO	RT	TOOL DIAG
RILOBITE	Raydon Exploration Inc.	34	-33s-31w Sew	vard.KS		RILOBI		aydon Exploratio	n Inc.		34-33s-31w Sew	vard,KS
ESTING , INC	1601 N.W. Expressway Ste. 1300 Oklahoma City, Ok 73116 ATTN: Ed Grieves	Pa Jo	a rity #1-34 o Ticket: 52482 st Start: 2014.03.	DST#:5		 ESTI	S S	601 N.W. Expres te. 1300 klahoma City, Ol TTN: Ed Grieve	73116		Parity #1-34 Job Ticket: 52482 Test Start: 2014.03	DST#:5
ENERAL INFORMATION:					Tool Inform	ation				·		
mation: St. Louis viated: No Whipstock: le Tool Opened: 18:33:18 le Test Ended: 02:31:33	ft (KB)	Те		ntional Bottom Hole (Reset) Reynolds	Drill Pipe: Heavy Wt. Pi Drill Collar: Drill Pipe Abo	Length: 5 be: Length: Length:	5855.00 ft Dia 0.00 ft Dia 246.00 ft Dia 5.00 ft	meter: 0.00	inches Volume inches Volume inches Volume Total Volume	0.00 bb 1.21 bb	Weight set on Pa Weight to Pull Lo	2400.00 lb cker: 20000.00 lb ose: 95000.00 lb 0.00 ft itial 80000.00 lb
erval: 6123.00 ft (KB) To 61 al Depth: 6142.00 ft (KB) (TV 6142.00 ft (KB) (TV e Diameter: 7.88 inchesHole	D)	Re	erence Elevation KB to GR/C	2730.00 ft (CF)	Depth to Top Depth to Bott Interval betw Togl Langth:	om Packer:	6123.00 ft ft 19.00 ft 46.00 ft		·			nal 81000.00 lb
rial #: 8792 Outside ss@RunDepth: psig psig rt Date: 2014.03.11 rt Time: 14:43:52	 6124.00 ft (KB) End Date: End Time: 	Capacity 2014.03.12 Last Ca 02:33:02 Time On	ib.: Btm:	8000.00 psig 2014.03.12	Tool Length: Number of Pa Tool Commen			neter: 6.75	inches			
		Time Of	Btm:		Tool Descri	ption	Length	(ft) Serial No	. Position	Depth (ft)	Accum. Lengths	
ST COMMENT: IF: Weak blow . su ISI: No blow	ırf 3"				Change Over	Sub	1.0			6097.00	· · · · · · · · · · · · · · · · · · ·	
FF: No blow - 1/2	1				Shut In Tool		5.0	0		6102.00		
FSI: No blow					Hydraulic too		5.0			6107.00		
Pressure vs. Th		P	RESSURE SU	MMARY	_ Jars		5.0			6112.00		
		Time Pressure		otation	Safety Joint		2.0			6114.00		
		(Min.) (psig)	(deg F)		Packer Packer		5.0			6119.00	27.00	Bottom Of Top Pa
					Stubb		4.0			6123.00 6124.00		
<u> </u>	Å				Recorder		0.0) Inside	6124.00		
					Recorder		0.0			6124.00		
					Perforations		15.0			6139.00		
	<u> </u> , [Bullnose		3.0			6142.00	19.00	Bottom Packers & An
						Total Tool L	.ength: 4	6.00				
Recovery		1 1	Gas Rate									
gth (ft) Description	Volume (bbl)		Choke (inches)									1. 1.
.00 VSLI OCMW trc%o, 15%n		-	4	· · · · · · · · · · · · · · · · · · ·								1942 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 -
00 OCMW 5%o, 40%m, 55%v	0.79											
									·			
ery from multiple tests						···		<u></u>				
lobite Testing, Inc	Ref. No: 52482	•		3.16 @ 12:38:06	Trilobite Te	- Alex 1		Ref. No: 52			Printed: 2014.0	



DRILL STEM TEST REPORT

Prepared For: Raydon Exploration Inc.

1601 N.W. Expressway Ste. 1300 Oklahoma City, Ok 73116

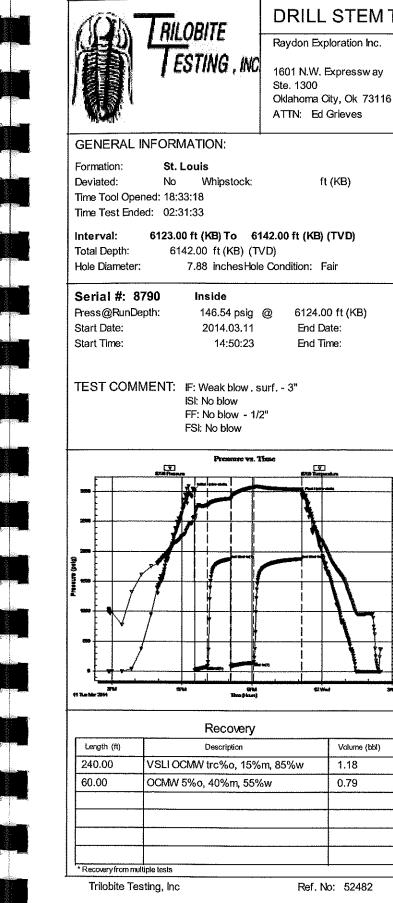
ATTN: Ed Grieves

Parity #1-34

34-33s-31w Seward,KS

Start Date:	2014.03.11 @) 14:50:18	
End Date:	2014.03.12 @	02:31:33	
Job Ticket #:	52482	DST #: 5	

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



Printed: 2014.03.16 @ 12:38:05

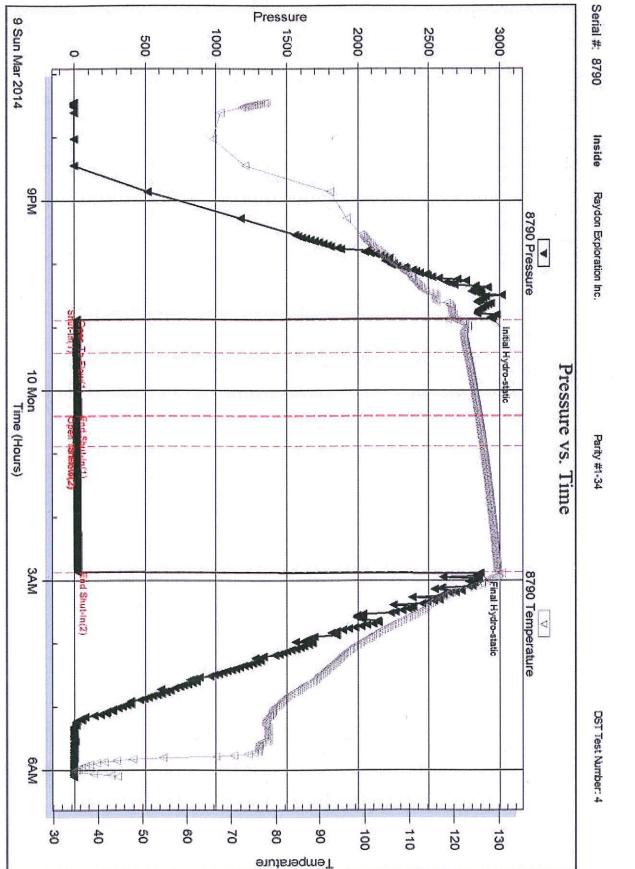
	34-33s-3	1w Seward	,KS	
	Parity #	1-34		
6	Job Ticket:	52482	DST#: 5	5
	. Test Start:	2014.03.11 @) 14:50:18	
	• •	Conventiona		e (Reset)
	Tester: Unit No:	Ryan Reync 68	lds	
	Reference	Elevations:	2739.00	• •
		B to GR/CF:	2730.00 9.00	• •
			9.00	11
	Capacity:		8000.00	psig
2014.03.12	Last Calib.:		2014.03.12	
02:31:33	Time On Btm:	2014.03.11		
	Time Off Btm:	2014.03.11	@ 23:07:33	

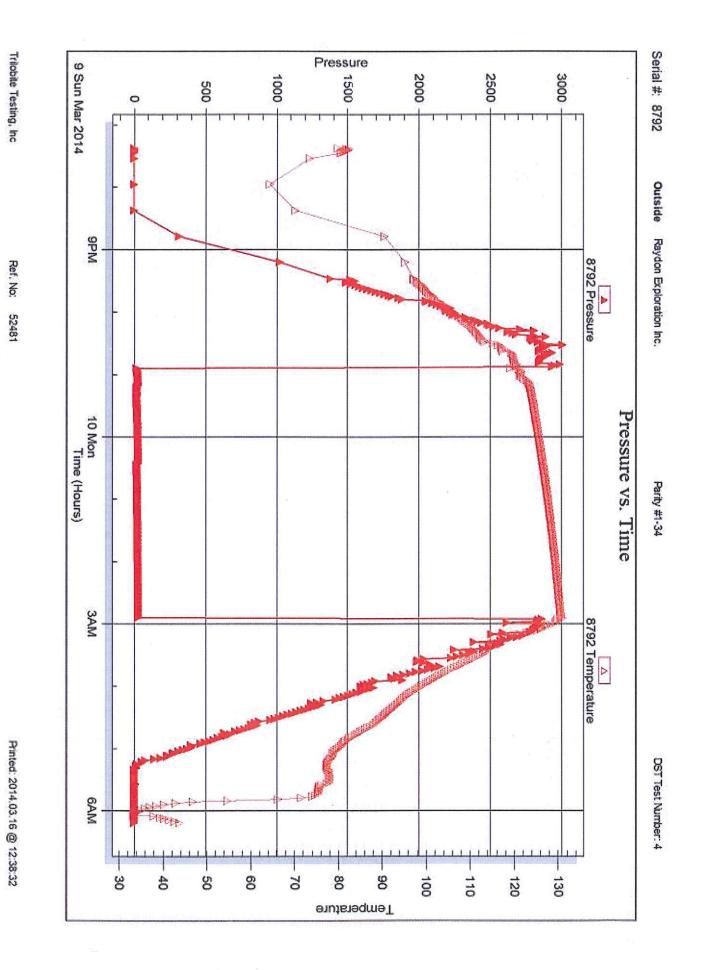
		P	RESSUR	E SL	JMMARY	
ъ.]	Time	Pressure	Temp	Anı	notation	
1"	(Min.)	(psig)	(deg F)			
	0	3020.13	123.64		Hydro-static	
- 128	3	20.30	122.81		To Flow (1)	
10	35	77.77	130.53		-ln(1)	
.	95	1877.60	134.22	End \$	Shut-In(1)	
	95	86.46	134.10	Oper	n To Flow (2)	
	154	146.54	140.70	Shut	-ln(2)	
199 Temperature (deg 7)	277	1878.41	139.48	End \$	Shut-In(2)	
- × 3	278	2951.46	138.77	Final	Hydro-static	
- 09						
- 50						
			Ga	s Rat	es	
			Choixe (i	nches)	Pressure (psig)	Gas Rate (Mcf/d)

Printed: 2014.03.16 @ 12:38:32

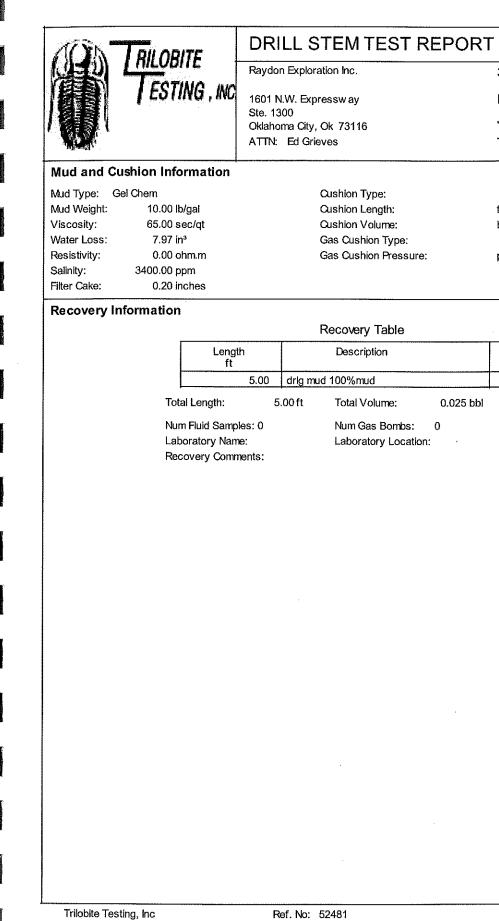
Ref. No: 52481







RILOBITE	DRILL	STEM TES	T REPOR	Т	TOOL DIAGRAM	
	Raydon Expl	oration Inc.		34-33s-31w Seward	,KS	
ESTING, INC		xpressw ay		Parity #1-34		
	Ste. 1300 Oklahomo Cit	ly, Ok 73116		Job Ticket: 52481	DST#:4	loomate
	ATTN: Ed G			Test Start: 2014.03.09 @	0 19:26:39	
Tool Information					- 	
	B '	0.00	r 70 00 111	T	0.400.00 %	
Drill Pipe: Length: 5698.00 ft Heavy Wt. Pipe: Length: 0.00 ft		3.80 inches Volum 0.00 inches Volum		Tool Weight: Weight set on Packer:	2400.00 lb	many of Fills and the
Drill Collar: Length: 240.00 ft		2.25 inches Volum		Weight to Pull Loose:		
•		Total Volum		Tool Chased	0.00 ft	
Drill Pipe Above KB: 5.00 ft Depth to Top Packer: 5960.00 ft				String Weight: Initial	80000.00 lb	100 March 1
Depth to Bottom Packer: 5960.00 ft				Final	81000.00 lb	
Interval between Packers: 20.00 ft						
Tool Length: 47.00 ft					1	
	Diameter:	6.75 inches				
Tool Comments:						
						and the second second
		al No. Position		ccum. Lengths		
Change Over Sub	1.00		5934.00			
Shut In Tool	5.00		5939.00		Alastaria	
Hydraulic tool	5.00		5944.00			
Jars	5.00		5949.00			
Safety Joint	2.00		5951.00			
Safety Joint Packer	2.00 5.00		5951.00 5956.00	27.00	Bottom Of Top Packer	
Safety Joint Packer Packer	2.00 5.00 4.00		5951.00 5956.00 5960.00	27.00	Bottom Of Top Packer	
Safety Joint Packer Packer Stubb	2.00 5.00 4.00 1.00	9700 brida	5951.00 5956.00 5960.00 5961.00	27.00	Bottom Of Top Packer	
Safety Joint Packer Packer Stubb Recorder	2.00 5.00 4.00 1.00 0.00	8790 Inside	5951.00 5956.00 5960.00 5961.00 5961.00	27.00	Bottom Of Top Packer	
Safety Joint Packer Packer Stubb Recorder Recorder	2.00 5.00 4.00 1.00 0.00 0.00	8790 Inside 8792 Outside	5951.00 5956.00 5960.00 5961.00 5961.00 5961.00	27.00	Bottom Of Top Packer	
Safety Joint Packer Packer Stubb Recorder Recorder Perforations	2.00 5.00 4.00 1.00 0.00 0.00 16.00		5951.00 5956.00 5960.00 5961.00 5961.00 5961.00 5967.00			
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Bullnose	2.00 5.00 4.00 1.00 0.00 0.00 16.00 3.00		5951.00 5956.00 5960.00 5961.00 5961.00 5961.00		Bottom Of Top Packer	
Safety Joint Packer Packer Stubb Recorder Recorder Perforations	2.00 5.00 4.00 1.00 0.00 0.00 16.00		5951.00 5956.00 5960.00 5961.00 5961.00 5961.00 5967.00			
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Bullnose	2.00 5.00 4.00 1.00 0.00 0.00 16.00 3.00		5951.00 5956.00 5960.00 5961.00 5961.00 5961.00 5967.00			
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Bullnose	2.00 5.00 4.00 1.00 0.00 0.00 16.00 3.00		5951.00 5956.00 5960.00 5961.00 5961.00 5961.00 5967.00			
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Bullnose	2.00 5.00 4.00 1.00 0.00 0.00 16.00 3.00		5951.00 5956.00 5960.00 5961.00 5961.00 5961.00 5967.00			
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Bullnose	2.00 5.00 4.00 1.00 0.00 0.00 16.00 3.00		5951.00 5956.00 5960.00 5961.00 5961.00 5961.00 5967.00			
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Bullnose	2.00 5.00 4.00 1.00 0.00 0.00 16.00 3.00		5951.00 5956.00 5960.00 5961.00 5961.00 5961.00 5967.00			
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Bullnose	2.00 5.00 4.00 1.00 0.00 0.00 16.00 3.00		5951.00 5956.00 5960.00 5961.00 5961.00 5961.00 5967.00			
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Bullnose	2.00 5.00 4.00 1.00 0.00 0.00 16.00 3.00		5951.00 5956.00 5960.00 5961.00 5961.00 5961.00 5967.00			
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Bullnose	2.00 5.00 4.00 1.00 0.00 0.00 16.00 3.00		5951.00 5956.00 5960.00 5961.00 5961.00 5961.00 5967.00			
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Bullnose	2.00 5.00 4.00 1.00 0.00 0.00 16.00 3.00		5951.00 5956.00 5960.00 5961.00 5961.00 5961.00 5967.00			
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Bullnose	2.00 5.00 4.00 1.00 0.00 0.00 16.00 3.00		5951.00 5956.00 5960.00 5961.00 5961.00 5961.00 5967.00			
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Bullnose	2.00 5.00 4.00 1.00 0.00 0.00 16.00 3.00		5951.00 5956.00 5960.00 5961.00 5961.00 5961.00 5967.00			
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Bullnose	2.00 5.00 4.00 1.00 0.00 0.00 16.00 3.00		5951.00 5956.00 5960.00 5961.00 5961.00 5961.00 5967.00			



FLUID SUMMARY

DST#:4

34-33s-31w Seward,KS

Parity #1-34

Job Ticket: 52481

Test Start: 2014.03.09 @ 19:26:39

ype:		Oil API:	deg API
ength:	ft	Water Salinity:	3400 ppm
/olume:	bbl		
ion Type:			
ion Pressure:	psig		

Serial #: none

ption		Volume bbl
bı		0.025
olume:	0.025 bbl	

Num Gas Bombs: 0 Laboratory Location:

	DRILL STEM TES	TREPORT	DRILL STEM TE
RILOBITE	Raydon Exploration Inc.	34-33s-31w Seward,KS	
ESTING, INC	1601 N.W. Expressw ay	Parity #1-34	ESTING, INC 1601 N.W. Expressway
	Ste. 1300	Job Ticket: 52481 DST#:4	Ste. 1300 Okłahoma City, Ok 73116
	Oklahoma City, Ok 73116 ATTN: Ed Grieves	Test Start: 2014.03.09 @ 19:26:39	ATTN: Ed Grieves
ENERAL INFORMATION:			GENERAL INFORMATION:
ormation: L. Chester SS			Formation: L. Chester SS
eviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)	Deviated: No Whipstock: ft (KB)
me Tool Opened: 22:52:39		Tester: Ryan Reynolds	Time Tool Opened: 22:52:39 Time Test Ended: 06:06:39
me Test Ended: 06:06:39		Unit No: 68	
iterval: 5960.00 ft (KB) To 59		Reference Elevations: 2739.00 ft (KB)	Interval: 5960.00 ft (KB) To 5980.00 ft (KB) (TVD) Total Depth: 5980.00 ft (KB) (TVD)
otal Depth: 5980.00 ft (KB) (T		2730.00 ft (CF)	Hole Diameter: 7.88 inchesHole Condition: Fair
ble Diameter: 7.88 inchesHole	Condition: Fair	KB to GR/CF: 9.00 ft	
Serial #: 8790 Inside			Serial #: 8792 Outside
ress@RunDepth: 19.34 psig	@ 5961.00 ft (KB)	Capacity: 8000.00 psig	Press@RunDepth: psig @ 5961.00 ft (KB)
Start Date: 2014.03.09	End Date: 2	2014.03.10 Last Calib.: 2014.03.10	Start Date: 2014.03.09 End Date:
Start Time: 19:26:44	End Time:	06:06:39 Time On Btm: 2014.03.09 @ 22:51:54 Time Off Btm: 2014.03.10 @ 02:53:24	Start Time: 19:22:07 End Time:
FSI: No blow Pressure vs. T	inuc IZE Fempenture	PRESSURE SUMMARY	FSI: No blow Pressure va. Time
	Transan Ca Ta Ta Ta Ta Ta Ta Ta Ta Ta Ta Ta Ta Ta		Pressure va. Time
Pressure vs. T		Time Pressure Temp Annotation (Min.) (psig) (deg F) Initial Hydro-static 0 2947.88 120.02 Initial Hydro-static 1 16.96 120.24 Open To Flow (1) 32 16.80 123.00 Shut-In(1) 92 27.09 125.55 End Shut-In(1) 92 15.24 125.57 Open To Flow (2) 121 19.34 126.58 Shut-In(2) 240 27.35 129.83 End Shut-In(2)	Pressure va. Time
Pressure vs. T		Time (Min.) Pressure (psig) Temp (deg F) Annotation 0 2947.88 120.02 Initial Hydro-static 1 16.96 120.24 Open To Flow (1) 32 16.80 123.00 Shut-In(1) 92 27.09 125.55 End Shut-In(1) 92 15.24 125.57 Open To Flow (2) 121 19.34 126.58 Shut-In(2) 240 27.35 129.83 End Shut-In(2) 242 2861.04 130.76 Final Hydro-static	Pressure vs. Time
Pressure vs. T		Time (Min.) Pressure (psig) Temp (deg F) Annotation 0 2947.88 120.02 Initial Hydro-static 1 16.96 120.24 Open To Flow (1) 32 16.80 123.00 Shut-In(1) 92 27.09 125.55 End Shut-In(1) 92 15.24 125.57 Open To Flow (2) 121 19.34 126.58 Shut-In(2) 240 27.35 129.83 End Shut-In(2) 242 2861.04 130.76 Final Hydro-static Gas Rates	Pressure vs. Time
Pressure vs. T	Volume (bbl)	Time (Min.) Pressure (psig) Temp (deg F) Annotation 0 2947.88 120.02 Initial Hydro-static 1 16.96 120.24 Open To Flow (1) 32 16.80 123.00 Shut-In(1) 92 27.09 125.55 End Shut-In(1) 92 15.24 125.57 Open To Flow (2) 121 19.34 126.58 Shut-In(2) 240 27.35 129.83 End Shut-In(2) 242 2861.04 130.76 Final Hydro-static	Pressure vs. Time
Pressure vs. T		Time (Min.) Pressure (psig) Temp (deg F) Annotation 0 2947.88 120.02 Initial Hydro-static 1 16.96 120.24 Open To Flow (1) 32 16.80 123.00 Shut-In(1) 92 27.09 125.55 End Shut-In(1) 92 15.24 125.57 Open To Flow (2) 121 19.34 126.58 Shut-In(2) 240 27.35 129.83 End Shut-In(2) 242 2861.04 130.76 Final Hydro-static Gas Rates	Pressure vs. Time
Pressure vs. T	Volume (bbl)	Time (Min.) Pressure (psig) Temp (deg F) Annotation 0 2947.88 120.02 Initial Hydro-static 1 16.96 120.24 Open To Flow (1) 32 16.80 123.00 Shut-In(1) 92 27.09 125.55 End Shut-In(1) 92 15.24 125.57 Open To Flow (2) 121 19.34 126.58 Shut-In(2) 240 27.35 129.83 End Shut-In(2) 242 2861.04 130.76 Final Hydro-static Gas Rates	Pressure vs. Time
Pressure vs. T	Volume (bbl)	Time (Min.) Pressure (psig) Temp (deg F) Annotation 0 2947.88 120.02 Initial Hydro-static 1 16.96 120.24 Open To Flow (1) 32 16.80 123.00 Shut-In(1) 92 27.09 125.55 End Shut-In(1) 92 15.24 125.57 Open To Flow (2) 121 19.34 126.58 Shut-In(2) 240 27.35 129.83 End Shut-In(2) 242 2861.04 130.76 Final Hydro-static Gas Rates	Pressure vs. Time
Pressure vs. T	Volume (bbl)	Time (Min.) Pressure (psig) Temp (deg F) Annotation 0 2947.88 120.02 Initial Hydro-static 1 16.96 120.24 Open To Flow (1) 32 16.80 123.00 Shut-In(1) 92 27.09 125.55 End Shut-In(1) 92 15.24 125.57 Open To Flow (2) 121 19.34 126.58 Shut-In(2) 240 27.35 129.83 End Shut-In(2) 242 2861.04 130.76 Final Hydro-static Gas Rates	Pressure vs. Time
Pressure vs. T	Volume (bbl)	Time (Min.) Pressure (psig) Temp (deg F) Annotation 0 2947.88 120.02 Initial Hydro-static 1 16.96 120.24 Open To Flow (1) 32 16.80 123.00 Shut-In(1) 92 27.09 125.55 End Shut-In(1) 92 15.24 125.57 Open To Flow (2) 121 19.34 126.58 Shut-In(2) 240 27.35 129.83 End Shut-In(2) 242 2861.04 130.76 Final Hydro-static Gas Rates	Pressure vs. Time

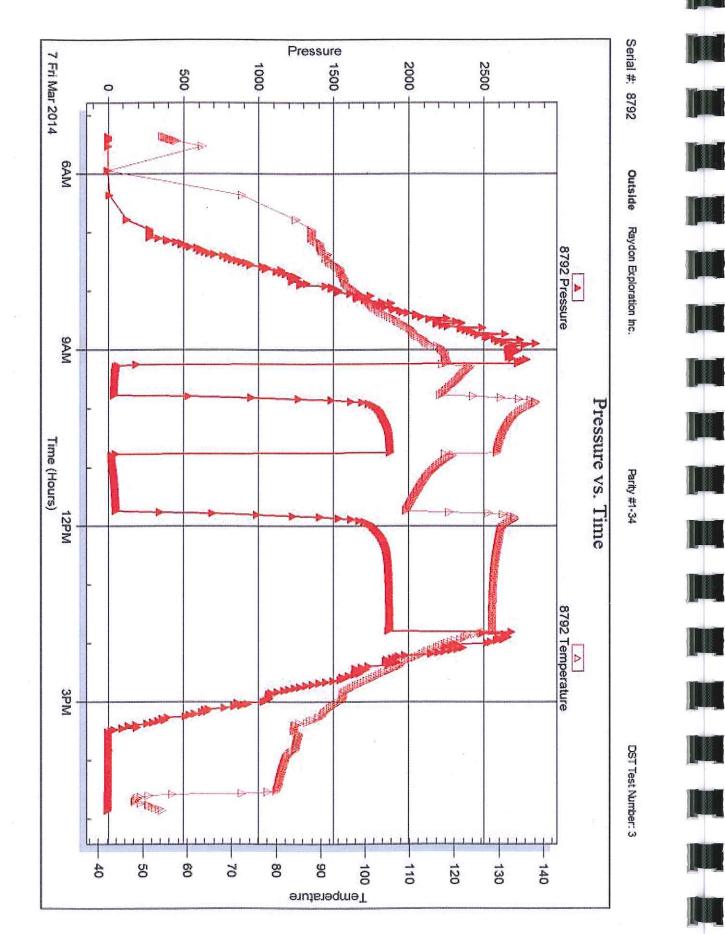
•	34-33s-3	1w Seward	,KS	
	Parity #	1-34		
3	Job Ticket:	52481	DST#:4	l I
	Test Start:	2014.03.09 @) 19:26:39	
	Testan		al Bottom Hol	e (Rese
		Ryan Reync 68 Elevations: (B to GR/CF:		ft (KB) ft (CF)
	Unit No: Reference	Ryan Reync 68 Elevations:	olds 2739.00 2730.00	ft (KB) ft (CF)

	Pł	RESSUR	E SI	JMMARY	
Time (Min.)	Pressure (psig)	Temp (deg F)	Anı	notation	
		Ga	s Rat	es	
		Choke (i	nches)	Pressure (psig)	Gas Rate (Mcf/d)

Printed: 2014.03.16 @ 12:35:57

Ref. No: 52480







ATTN: Ed Grieves

Job Ticket #: 52481

RILOBITE ESTING , INC.

DRILL STEM TEST REPORT

Prepared For: Raydon Exploration Inc.

1601 N.W. Expressway Ste. 1300 Oklahoma City, Ok 73116

Parity #1-34

34-33s-31w Seward,KS

Start Date: 2014.03.09 @ 19:26:39 End Date: 2014.03.10 @ 06:06:39 DST #: 4

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



DRILL STEM TEST REPORT

GAS RATES

Raydon Exploration Inc.

1601 N.W. Expressway Ste. 1300 Oklahoma City, Ok 73116 ATTN: Ed Grieves Parity #1-34 Job Ticket: 5248

 \overline{T}

Job Ticket: 52480 DST#:3 Test Start: 2014.03.07 @ 05:27:35

34-33s-31w Seward,KS

Gas Rates Information

Temperature: Relative Density: Z Factor:

nsity: 0.65 0.8

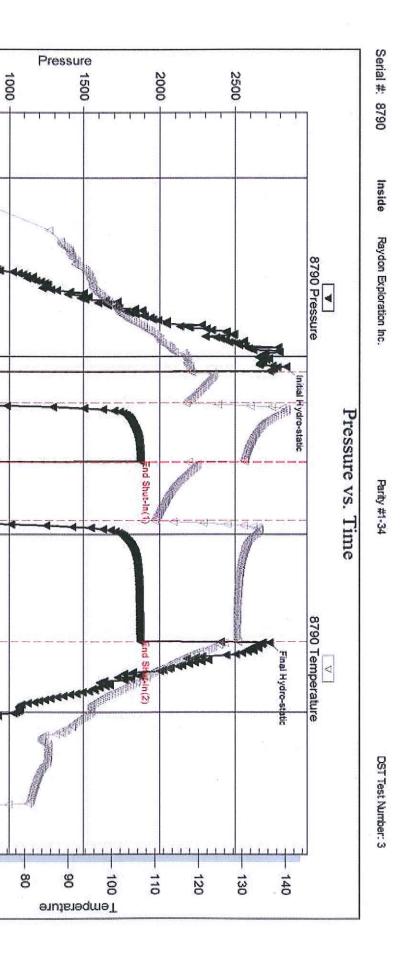
0.8 Gas Rates Table

59 (deg F)

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	10	0.50	16.00	107.93
1	20	0.50	3.00	20.24
1	30	0.50	2.00	13.49
2	10	0.25	15.00	23.80
2	20	0.25	23.00	36.49
2	30	0.25	29.00	46.01
2	40	0.25	34.00	53.94
2	50	0.25	37.00	58.70
2	60	0,25	40.00	63.46

Trilobite Testing, Inc 7 Fri Mar 2014 500 0 13261 6AM Ref. No: 52480 9AM -in(1) (T) Time (Hours) 12PM 3PM Printed: 2014.03.16 @ 12:35:57 ATT -50 60 70 40

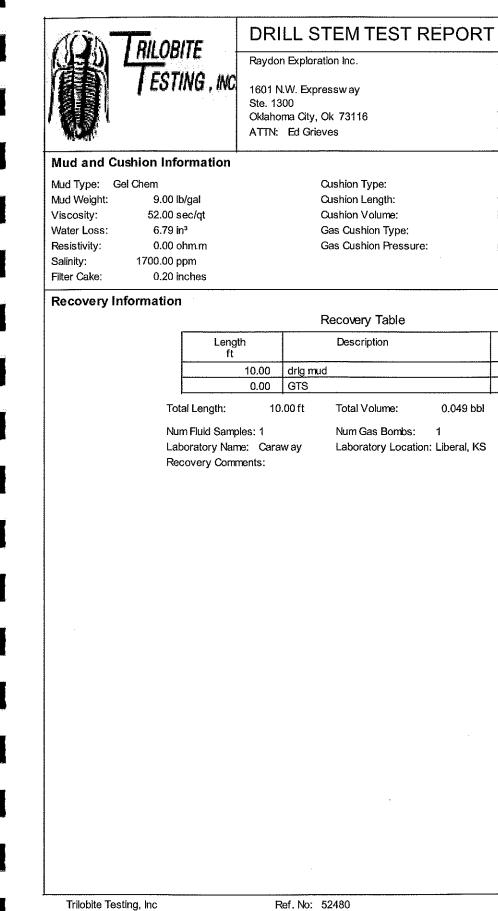
Printed: 2014.03.16 @ 12:35:56



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2

RILOBITE	Raydon Ex	ploration In	c.		34-33s-31w Sewa	rd,KS
TESTING, IN	1601 N.W.	Expresswa	av		Parity #1-34	
	Ste. 1300		-		Job Ticket: 52480	DST#: 3
	ATTN: Ec	City, Ok 73 1 Grieves	116		Test Start: 2014.03.07	7@05:27:35
ool Information				, , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		2400.00 lb
	Diameter: Diameter:		hes Volume: hes Volume:	75.59 bbl 0.00 bbl	Tool Weight: Weight set on Pack	
	Diameter:		hes Volume:	1.21 bbl	Weight to Pull Loos	
. .		_	fotal Volume:	76.80 bbl	Tool Chased	0.00 ft
Image: Prime Above KB:6.00 ftDepth to Top Packer:5656.00 ftDepth to Bottom Packer:ftDepth to Bottom Packer:24.00 ftTool Length:51.00 ft					String Weight: Initia Fina	
Jumber of Packers: 2 ool Comments:	Diameter:	6.75 inc	hes			
Change Over Sub	1.00	erial No.	Position	Depth (ft) A 5630.00 5635.00		<u></u>
Shut In Tool	5.00			5635.00 5640.00		
lydraulic tool	5.00 5.00			5645.00		
lars				5647.00		
Safety Joint	2.00 5.00			5652.00	27.00	Bottom Of Top Packer
Jan Jun M	5.00				21100	
Packer	4.00			5656.00		
Packer	4.00 1.00			5656.00 5657.00		
Packer Stubb	1.00	8790	Inside	5655.00 5657.00 5657.00		
Packer Stubb Recorder		8790 8792	Inside Outside	5657.00		
Packer Stubb	1.00 0.00			5657.00 5657.00		
Packer Stubb Recorder Recorder Perforations	1.00 0.00 0.00			5657.00 5657.00 5657.00	24.00	Bottom Packers & Anchor
Packer Stubb Recorder Recorder Perforations Bullnose	1.00 0.00 0.00 20.00			5657.00 5657.00 5657.00 5677.00	24.00	Bottom Packers & Anchor
acker itubb Recorder Recorder Perforations	1.00 0.00 0.00 20.00 3.00			5657.00 5657.00 5657.00 5677.00	24.00	Bottom Packers & Anchor
Packer Stubb Recorder Recorder Perforations Bullnose	1.00 0.00 0.00 20.00 3.00			5657.00 5657.00 5657.00 5677.00	24.00	Bottom Packers & Anchor
Packer Stubb Recorder Recorder Perforations Bullnose	1.00 0.00 0.00 20.00 3.00			5657.00 5657.00 5657.00 5677.00	24.00	Bottom Packers & Anchor
Packer Stubb Recorder Recorder Perforations Bullnose	1.00 0.00 0.00 20.00 3.00			5657.00 5657.00 5657.00 5677.00	24.00	Bottom Packers & Anchor
Packer Stubb Recorder Recorder Perforations Bullnose	1.00 0.00 0.00 20.00 3.00			5657.00 5657.00 5657.00 5677.00	24.00	Bottom Packers & Anchor
Packer Stubb Recorder Recorder Perforations Bullnose	1.00 0.00 0.00 20.00 3.00			5657.00 5657.00 5657.00 5677.00	24.00	Bottom Packers & Anchor
Packer Stubb Recorder Recorder Perforations Bullnose	1.00 0.00 0.00 20.00 3.00			5657.00 5657.00 5657.00 5677.00	24.00	Bottom Packers & Anchor
Packer Stubb Recorder Recorder Perforations Bullnose	1.00 0.00 0.00 20.00 3.00			5657.00 5657.00 5657.00 5677.00	24.00	Bottom Packers & Anchor
Packer Stubb Recorder Recorder Perforations Bullnose	1.00 0.00 0.00 20.00 3.00			5657.00 5657.00 5657.00 5677.00	24.00	Bottom Packers & Anchor
Packer Stubb Recorder Recorder Perforations Bullnose	1.00 0.00 0.00 20.00 3.00			5657.00 5657.00 5657.00 5677.00	24.00	Bottom Packers & Anchor
Packer Stubb Recorder Recorder Perforations Bullnose	1.00 0.00 0.00 20.00 3.00			5657.00 5657.00 5657.00 5677.00	24.00	Bottom Packers & Anchor
Packer Stubb Recorder Recorder Perforations Bullnose	1.00 0.00 0.00 20.00 3.00			5657.00 5657.00 5657.00 5677.00	24.00	Bottom Packers & Anchor



FLUID SUMMARY

34-33s-31w Seward,KS

Parity #1-34

Job Ticket: 52480

DST#:3

Test Start: 2014.03.07 @ 05:27:35

/pe:		Oil API:	deg API
ength:	ft	Water Salinity:	1700 ppm
olume:	bbl		
on Type:			
on Pressure:	psig		

Serial #: RR-1

tion		Volume bbl
		0.049
		0.000
olume:	0.049 bbl	•

Num Gas Bombs: 1

Laboratory Location: Liberal, KS

Printed: 2014.03.16 @ 12:35:56

6

NIN TRUCASIE	DRILL STEM TES	T REP	ORT					ATT.	TRILOBITE	DRILL STEM T
RILOBITE	Raydon Exploration Inc.		34	-33s-31w Sev	vard,KS				Contraction of the provident	Raydon Exploration Inc.
ESTING, INC	1601 N.W. Expressway		Pa	rity #1-34					ESTING , INC	
	Ste. 1300 Oklahoma City, Ok 73116		Job	Ticket: 52480	DST	#:3				Ste. 1300 Oklahoma City, Ok 73116
	ATTN: Ed Grieves		Tes	at Start: 2014.03	0.07 @ 05:27:35	5				ATTN: Ed Grieves
GENERAL INFORMATION:			ť		0 11 <u>2 100 100 100 100 100 100 100 100 100 10</u>			GENERAL	INFORMATION:	
Formation: Morrow Sdst. Deviated: No Whipstock:	ft (KB)		Tee	st Type: Conve	entional Bottom	Hole (Reset)		Formation: Deviated:	Morrow Sdst. No Whipstock:	ft (KB)
Time Tool Opened: 09:15:50			Tes	-	Reynolds			Time Tool Ope Time Test End	ned: 09:15:50	
interval: 5656.00 ft (KB) To 56			Ref	ference Eevatior		00 ft (KB)		Interval:	5656.00 ft (KB) To 56	
Total Depth:5680.00 ft (KB) (TVHole Diameter:7.88 inchesHole				KB to GR/		00 ft (CF) 00 ft		Total Depth: Hole Diameter	5680.00 ft (KB) (TN 7.88 inchesHole	7D) e Condition: Fair
Serial #: 8790 Inside								Serial #: 8		
Press@RunDepth; 52.32 psig (2 5657.00 ft (KB) End Date:	2014.03.07	Capacity Last Cal		8000. 2014.03.	00 psig		Press@RunDe Start Date:	epth: psig - 2014.03.07	@ 5657.00 ft (KB) End Date:
Start Date: 2014.03.07 Start Time: 05:27:40	End Time:	16:49:50	Time On Time Off	Btm: 2014.0	03.07 @ 09:10: 03.07 @ 13:49:	20		Start Time:	05:21:36	End Time:
		6 37 96 97 156 278 279	52.32 1872.78	1	t-In(1) Shut-In(1) n To Flow (2)					
Fride 284 Bind Bind Bing Stars				Gas Ra	tes			7FALME 2014	Recovery	
Length (ft) Description	Volume (bbl)					Gas Rate (Mcf/d)		Length (ft)	Description	Volume (bbl)
10.00 drlg mud	0.05	First Ga		0.50	16.00 40.00	107.93 63.46		0.00	drlg mud GTS	0.05
0.00 GTS	0.00	Last Ga Max. G		0.25	40.00	63.46				
			_							· ·
								* Recovery from mu		
							-	I Recovery from mu		

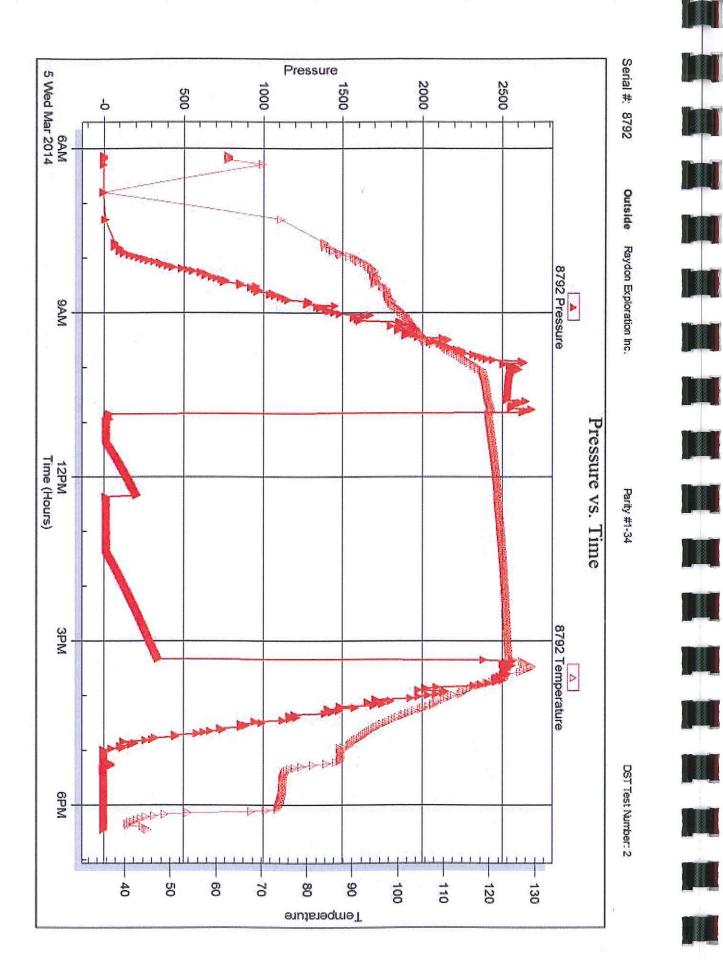
		34-	33s-31v	v Sev	raru,no			
way		Pai	Parity #1-34					
73116		Job	Ticket: 5	2480	DS	T#: 3		
		Test	t Start: 2	014.03	.07 @ 05:27:	35		
		Test Test Unit	ter:		ntional Botton Reynolds	n Hole (Reset)		
		Refe	erence E	evatior	is: 2739	0.00 ft (KB)		
					2730	0.00 ft (CF)		
			KB	to GR/	CF: 9	9.00 ft		
	4.03.07 6:51:31	Capacity: Last Calib Time On E Time Off	o.: Btm:		8000 2014.03).00 psig 3.07		
) 10 min.								
gas throughout								
		PF	RESSU		JMMARY			
	Time F (Min.)	Yessure (psig)	Temp (deg F)	Anr	notation			
	:		Ga	s Rat	99			
(bbl)			Choke (Pressure (psig)	Gas Rate (Mcf/c		
	First Gas R	ate	-	0.50	16.00	107.93		
	Last Gas R	ate		0.25	40.00	63.46		
	Max. Gas F	ate		0.25	40.00	63.46		
(bbi)	Last Gas R	ate	Choke (0.50 0.25	Pressure (psig) 16.00 40.00	1		

Printed: 2014.03.16 @ 12:35:55

Printed: 2014.03.16 @ 12:38:58

Ref. No: 52479

Trilobite Testing, Inc





ATTN: Ed Grieves

Job Ticket #: 52480

RILOBITE ESTING , INC.

DRILL STEM TEST REPORT

Prepared For: Raydon Exploration Inc.

1601 N.W. Expressway Ste. 1300 Oklahoma City, Ok 73116

Parity #1-34

34-33s-31w Seward,KS

Start Date: 2014.03.07 @ 05:27:35 End Date: 2014.03.07 @ 16:49:50 DST #: 3

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

Printed: 2014.03.16 @ 12:35:54

Raydon Exploration Inc.

34-33s-31w Seward,KS

Parity #1-34

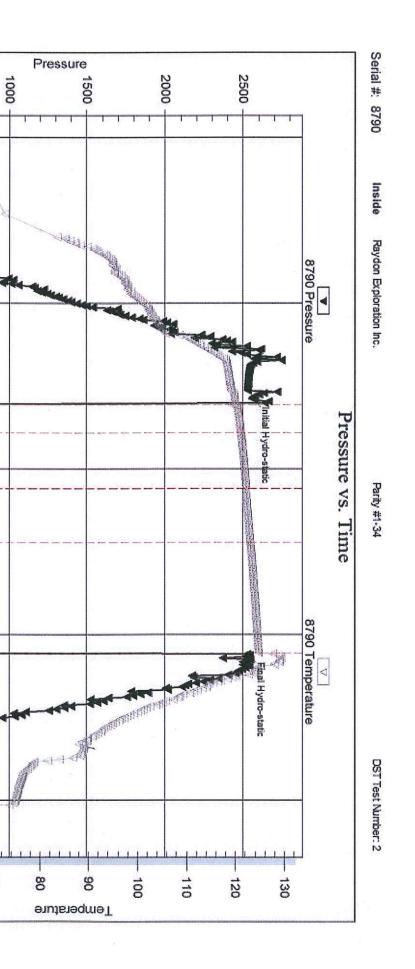
DST # 3

Morrow

Sdst.

2014.03.07

10h	TRILOBITE		STEM TEST R	EPOR	Г	F	LUID SUMMARY		Trilo	ۍ ا			19 - CA 5 - S
節だ	Provide and the second s		ploration Inc.		34-33s-31	v Seward,KS			bite T	We			500
	ESTING , INC	Ste. 1300	City, Ok 73116		Parity #1- Job Ticket: 5 Test Start: 2		DST#: 2 12:49		Trioble Testing, Inc	6AM 5 Wed Mar 2014			8 1 4
ud and Cu	Ishion Information		·										
lud Type: Ge lud Weight: iscosity: /ater Loss: esistivity: alinity: ilter Cake:		-	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	2	ft bbl psig	Oil API: Water Salinity:	deg API 1700 ppm		Ref. No:	9AM		the states of	4444
lecovery In	formation								52479	2			
	Lengt	h	Recovery Table Description	10	Volume bbl]			ũ		- 1		
			ud 100%mud		0.049						S.		
	Total Length:	0.00 30	00' GIP ft Total Volume:	0.049 bbl	0.000	<u> 객</u>					- Internet		
	Num Fluid Samp Laboratory Nam	les:0 ne:		0	Serial #	: none				1 12PM Time (Hours)	(1)	<u> </u>	
	Recovery Com	ents.								(Hou	-	a	+
										IS)	-	Shut-in(1)	
											- SHA	3	1
											- (2)		
										6			
										3PM			
												End St	
								The			-	Shut-In(2)	
												ت جسم	
									Printe		S.		
									d: 201	0			
									4.03.1	6PM	stif	1934-J	
									6@1				
									Printed: 2014.03.16 @ 12.38:57				" '
								and the second	57		40	50	60
Trilobite Tes	tina, Inc	Ref.	No: 52479		Printed	1: 2014.03.16 @	2:38:57			L	tenet sector in the sector	in equilita internation	



ARK TOW ADUTE	DRILL STEM TEST	REPORT			DRILL STE	M TEST	REPOR	Т	TOOL DIAGRA
RILOBITE	Raydon Exploration Inc.	34-33s-31w Seward,KS	RILOBITE	1.	Raydon Exploration I	nc.		34-33s-31w Seware	d,KS
ESTING , INC	1601 N.W. Expressw ay Ste. 1300 Oklahoma City, Ok 73116 ATTN: Ed Grieves	Parity #1-34 Job Ticket: 52479 DST#:2 Test Start: 2014.03.05 @ 06:12:49	ESTING	S	1601 N.W. Expressw Ste. 1300 Oklahoma City, Ok 7 ATTN: Ed Grieves	-		Parity #1-34 Job Ticket: 52479 Test Start: 2014.03.05	DST#: 2 @ 06:12:49
GENERAL INFORMATION:		ŕ	Tool Information	ł				<u></u>	
Formation:Atoka LimestoneDeviated:NoWhipstock:Time Tool Opened:10:49:49Time Test Ended:18:26:49	ft (KB)	Test Type: Conventional Bottom Hole (Reset) Tester: Ryan Reynolds Unit No: 68 Reference Elevations: 2739.00 ft (KB)	Heavy Wt. Pipe: Length: 0. Drill Collar: Length: 246. Drill Pipe Above KB: 26.	2.00 ft Dia 0.00 ft Dia 5.00 ft Dia 5.00 ft Dia 5.00 ft	ameter: 0.00 in ameter: 2.25 in	ches Volume: ches Volume: ches Volume: Total Volume:	0.00 bbl 1.21 bbl	Tool Weight: Weight set on Packe Weight to Pull Loose Tool Chased String Weight: Initial	: 91000.00 lb 0.00 ft 74000.00 lb
Interval:5449.00 ft (KB) To54Total Depth:5463.00 ft (KB) (ThHole Diameter:7.88 inchesHole	′D)	KB to GR/CF: 9.00 ft	Depth to Bottom Packer: Interval betw een Packers: 14	ft 4.00 ft				Final	75000.00 lb
Serial #: 8792OutsidePress@RunDepth:psigStart Date:2014.03.05Start Time:06:07:55		Capacity: 8000.00 psig 014.03.05 Last Calib.: 2014.03.05 18:27:20 Time On Btm: Time Off Btm:	Tool Length: 41. Number of Packers: Tool Comments:	1.00 ft 2 Dia	anneter: 6.75 in	ches			
			Tool Description	Lengt	h (ft) Serial No.	Position	Depth (ft) A	ccum. Lengths	
TEST COMMENT: IF: Fair blow . sur ISI: No blow	f 5"		Change Over Sub	1	.00		5423.00		·····
FF: Good blow .	5 - 8"		Shut In Tool	5	.00		5428.00		
FSI: No blow			Hydraulic tool		.00		5433.00		
Pressure vs. T	ine	PRESSURE SUMMARY	Jars		.00		5438.00		
		Time Pressure Temp Annotation	Safety Joint		.00		5440.00		
	A - 170	(Min.) (psig) (deg F)	Packer		.00		5445.00	27.00	Bottom Of Top Pack
			Packer		.00		5449.00 5450.00		
			Stubb		.00 8790	Inside	5450.00 5450.00		
			Recorder		.00 8790 .00 8792	Outside	5450.00 5450.00		
			Recorder		.00 8792	Outside	5460.00		
			Perforations Bullnose		.00		5463.00	14.00 E	Bottom Packers & Anche
			Total Tool Leng		41.00				
Recovery	· · · · · · · · · · · · · · · · · · ·	Gas Rates							
Length (ft) Description 10.00 Mud 100%mud	Volume (bbl) 0.05	Choke (inches) Pressure (psig) Gas Rate (Mcf/d)							
10.00 Mud 100%mud 0.00 300' GIP	0.00						· .		
	·····								
* Recovery from multiple tests									
Trilobite Testing, Inc	Ref. No: 52479	Printed: 2014.03.16 @ 12:38:56	Trilobite Testing, Inc		Ref. No: 524	79		Printed: 2014.03.	16 @ 12:38:57

/olume:	72.97 bbl
/olume:	0.00 bbl
/olume:	1.21 bbl
/olume:	74.18 bbl

Tool Weight:		2400.00 lb
Weight set on	Packer:	21000.00 lb
Weight to Pull I	_oose:	91000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	74000.00 lb
	Final	75000.00 lb



DRILL STEM TEST REPORT

Prepared For: Raydon Exploration Inc.

1601 N.W. Expressway Ste. 1300 Oklahoma City, Ok 73116

ATTN: Ed Grieves

Parity #1-34

34-33s-31w Seward,KS

Start Date: 2014.03.05 @ 06:12:49 End Date: 2014.03.05 @ 18:26:49 Job Ticket #: 52479 DST #: 2

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

Printed: 2014.03.16 @ 12:38:55

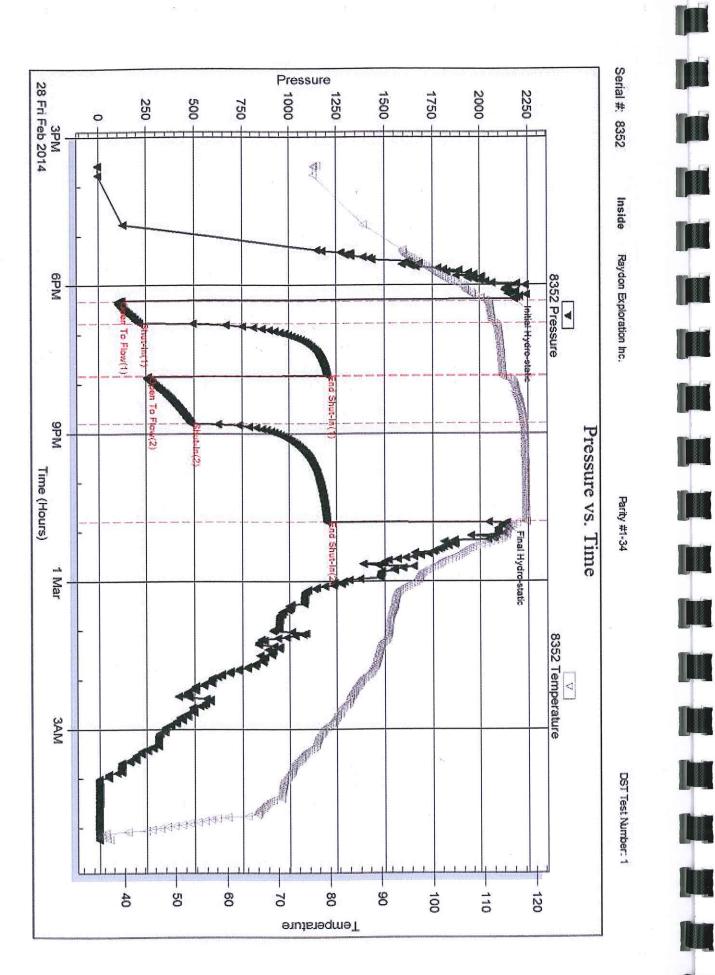
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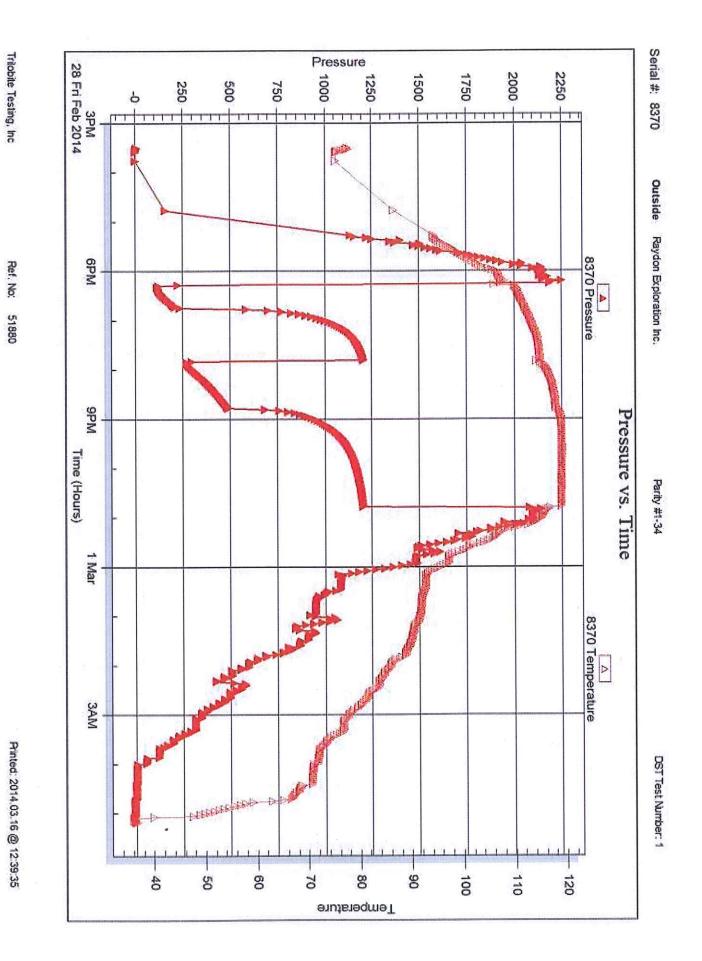
ZTYN'		DRILL STEM TES	ST REP	ORT				
	RILOBITE	Raydon Exploration Inc.		34-33s-31w Seward,KS				
語	ESTING , INC	1601 N.W. Expressway		Ра	rity #1-3	4		
		Ste. 1300 Oklahoma City, Ok 73116		Job	Ticket: 52	2479	DST#: 2	!
		ATTN: Ed Grieves		Tes	t Start: 20)14.03.05 @	06:12:49	
GENERAL	INFORMATION:	111 1111111111111111111111111111111111					· ·	
	Atoka Limestone No Whipstock: ened: 10:49:49 ded: 18:26:49	ft (KB)		Tes	ter: I	Conventiona Ryan Reync 68	l Bottom Hol Ids	e (Rese
Interval: Total Depth: Hole Diameter	5449.00 ft (KB) To 54 5463.00 ft (KB) (TV r: 7.88 inchesHole	/D)		Ref	erence Ee KB t	evations: to GR/CF:	2739.00 2730.00 9.00	ft (CF)
Start Date: Start Time: TEST COM	2014.03.05 06:12:54 IMENT: IF: Fair blow . sur ISI: No blow FF: Good blow . 5 FSI: No blow		2014.03.05 18:26:49	Last Cali Time On Time Off	Btm: 2	2014.03.05 2014.03.05	-	
	Pressure vs. T			P	RESSUF	RE SUMM	ARY	
			Time (Min.) 0 7 37 98 98 98 157 277 278	Pressure (psig) 2557.82 27.43 16.02 211.45 14.74 15.67 346.12 2528.21	119.73 121.11 122.23 122.15 123.02 124.73	Annotation Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydr	o-static low (1) n(1) low (2) n(2)	
	Recovery	······			Ga	s Rates		
Length (ft)	Description	Volume (bbl)			Choke (i	inches) Pressi	ire (psig) Ga	is Rate (M
10.00	Mud 100%mud 300' GIP	0.05						
0.00		0.00						
		· · · · · · · · · · · · · · · · · · ·						
			1					
* Recovery from n	allinie tests							

Printed: 2014.03.16 @ 12:39:35

Ref. No: 51880

Trilobite Testing, Inc





CAN TRILOB	ITE	DRIL	L STE	MTEST	REPOR	l	TOOL DIAGRAM
		Raydon	Exploration Ir	IC.		34-33s-31w Seward	I,KS
指計 / EST	'ING , INC		V. Expressw	ay		Parity #1-34	
		Ste. 130	0 na City, Ok: 7:	3116		Job Ticket: 51880	DST#:1
		1	Ed Grieves			Test Start: 2014.02.28 @	<u>ወ</u> 15:34:05
ool Information					v		
rill Pipe: Length:	4202.00 ft	Diameter:	3.80 in	hes Volume:	58.94 bbi	Tool Weight:	2400.00 lb
Heavy Wt. Pipe: Length:		Diameter:		hes Volume:	0.00 bbl	Weight set on Packer	: 24000.00 lb
Fill Collar: Length:		Diameter:	2.25 inc	ches Volume:	1.18 bbl	Weight to Pull Loose:	80000.00 lb
_			-	Total Volume:	60.12 bbl	Tool Chased	0.00 ft
rill Pipe Above KB:	12.00 ft				2	String Weight: Initial	62000.00 lb
Depth to Top Packer: Depth to Bottom Packer:	4458.00 ft ft					Final	67000.00 lb
nterval between Packers:	10.00 ft						
ool Length:	38.00 ft						
Number of Packers:	2	Diameter:	6.75 in	ches			
ool Comments:							
						1	
ool Description	Le		Serial No.	Position		ccum. Lengths	······································
.O. Sub		1.00			4431.00		
hut in tool		5.00			4436.00		
MV		5.00			4441.00		
irs		5.00			4446.00		
afety Joint		3.00			4449.00		
acker		4.00			4453.00	28.00	Bottom Of Top Packer
acker		5.00			4458.00		
tubb		1.00			4459.00		
lecorder		0.00	8352	Inside	4459.00		
Recorder		0.00	8370	Outside	4459.00		
Perforations		4.00			4463.00		
ullnose		5.00			4468.00	10.00 B	ottom Packers & Anchor
Total Too	ol Length:	38.00					
		۰.					
		-					
rilobite Testing Inc.			ef. No: 518	<u></u>		Printed: 2014.03.	16 @ 12:39:34
KODITO LOCTIDO IDO		R	ei.ivu: 0160	30		1 milliou, 2014.00.	

ATT DI ADITE		DRIL	L STEM TEST REI	PORT		F	LUID SUMN	
	HILOBITE	Raydon E	xploration Inc.		34-33s-31w Seward,KS			
RILOBITE TESTING, INC	Ste. 1300	City, Ok 73116		Parity #1-3 Job Ticket: 5 ⁻ Test Start: 20		DST#: 1 34:05		
Mud and Cu	shion Information	<u></u>						
Mud Type: Ge Mud Weight: Viscosity: Water Loss: Resistivity: Salinity: Filter Cake:			Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:			Oil API: Water Salinity:	36.7 deg 3800 ppn	
Recovery In	formation							
		4L	Recovery Table		Volume]		
	Lengi ft	th	Description		bbl			
		60.00	GMCO 24%g 20%m 56%o		0.295]		
	1	700.00 C	GO 38%g 62%o		22.207			
		185.00	GMCO 20%g 30%m 50%o		2.595]		
	Total Length: Num Fluid Samp	1945.00 bles: 0) ft Total Volume: 25 Num Gas Bombs: 0	5.097 bbl	Serial #:	none		
	Laboratory Nan Recovery Comr	ne:	Laboratory Location:					
	Laboratory Nan	ne:	Laboratory Location:					
	Laboratory Nan	ne:	Laboratory Location:					
	Laboratory Nan	ne:	Laboratory Location:					
	Laboratory Nan	ne:	Laboratory Location:				·	
	Laboratory Nan	ne:	Laboratory Location:					
	Laboratory Nan	ne:	Laboratory Location:					

1/N T	DRILL STEM TES	T REPORT	ан <u>ал ал 1999</u>			TRILOBITE	DRILL STEM TE
RILOBITE -	Raydon Exploration Inc.	34-	-33s-31w Seward,KS				Raydon Exploration Inc.
TESTING, INC	1601 N.W. Expressway		rity #1-34			ESTING, INC	1601 N.W. Expressw ay
	Ste. 1300		Ticket: 51880 DST#:	1			Ste. 1300 Oklahoma City, Ok 73116
	Oklahoma City, Ok 73116 ATTN: Ed Grieves		at Start: 2014.02.28 @ 15:34:05				ATTN: Ed Grieves
					GENERAL	INFORMATION:	
ENERAL INFORMATION:		Ŧ			Formation:	Lans. A	
mation: Lans. A viated: No Whipstock:	ft (KB)	Tes	st Type: Conventional Bottom Ho	ble (Initial)	Deviated:	No Whipstock:	ft (KB)
e Tool Opened: 18:18:50			ster: Gary Pevoteaux			ened: 18:18:50	
e Test Ended: 05:14:20		Uni	t No: 56			led: 05:14:20	
erval: 4458.00 ft (KB) To 44		Ref) ft (KB)	Total Depth:	4458.00 ft (KB) To 446 4468.00 ft (KB) (TV	
al Depth: 4468.00 ft (KB) (TV e Diameter: 7.88 inchesHole			2730.00 KB to GR/CF: 9.00) ft (CF)	Hole Diameter		
			·····		Serial #: 8	3370 Outside	
erial #: 8352 Inside	@ 4459.00 ft (KB)	Capacity	/: 8000.00) psig	Press@RunD		@ 4459.00 ft (KB)
ess@RunDepth: 484.02 psig (art Date: 2014.02.28	-	2014.03.01 Last Cal			Start Date:	2014.02.28	End Date:
tart Time: 15:34:10	End Time:	05:14:20 Time On Time Off	—		Start Time:	15:30:00	End Time:
	B.O.B.						
	Sence	Time Pressure (Min.) (psig) 0 2182.29 3 107.66 30 213.85 94 1201.80 95 258.82 152 484.02 272 1199.65 274 2139.57	RESSURE SUMMARYTemp (deg F)Annotation109.50Initial Hydro-static110.43Open To Flow (1)111.69Shut-In(1)113.66End Shut-In(1)113.75Open To Flow (2)117.65Shut-In(2)118.15End Shut-In(2)116.27Final Hydro-static			Presence vs. The	ERC EUT Trapendan International International Internatio
ZOS COS COS COS COS COS COS COS C	forme:	Time Pressure (psig) 0 2182.29 3 107.66 30 213.85 94 1201.80 95 258.82 152 484.02 272 1199.65	Temp (deg F)Annotation109.50Initial Hydro-static110.43Open To Flow (1)111.69Shut-In(1)113.66End Shut-In(1)113.75Open To Flow (2)117.65Shut-In(2)118.15End Shut-In(2)116.27Final Hydro-static			STM BILL TERPEOR	
resolution of the second secon	Sence	Time Pressure (psig) 0 2182.29 3 107.66 30 213.85 94 1201.80 95 258.82 152 484.02 272 1199.65	Temp (deg F)Annotation109.50Initial Hydro-static110.43Open To Flow (1)111.69Shut-In(1)113.66End Shut-In(1)113.75Open To Flow (2)117.65Shut-In(2)118.15End Shut-In(2)116.27Final Hydro-staticGas Rates				
response respon	Sener DEC (D) All (Time Pressure (psig) 0 2182.29 3 107.66 30 213.85 94 1201.80 95 258.82 152 484.02 272 1199.65	Temp (deg F)Annotation109.50Initial Hydro-static110.43Open To Flow (1)111.69Shut-In(1)113.66End Shut-In(1)113.75Open To Flow (2)117.65Shut-In(2)118.15End Shut-In(2)116.27Final Hydro-staticGas Rates	Gas Rate (McI/d) 64.84	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	SUME SING SECOVERY Description GMCO 24%g 20%m 56%	Volume (bbl)
ENTRACE	Sener DEC (D) All (Time (Min.) Pressure (psig) 0 2182.29 3 107.66 30 213.85 94 1201.80 95 258.82 152 484.02 272 1199.65 274 2139.57	Temp (deg F) Annotation 109.50 Initial Hydro-static 110.43 Open To Flow (1) 111.69 Shut-In(1) 113.66 End Shut-In(1) 113.75 Open To Flow (2) 117.65 Shut-In(2) 118.15 End Shut-In(2) 116.27 Final Hydro-static		Ength (ft) 60.00 1700.00	Recovery Description GMCO 24%g 20%m 56% CGO 38%g 62%o	Volume (bbl) 10 0.30 22.21
zm zm zm zm zm zm zm zm zm zm	Since	Time (Min.) Pressure (psig) 0 2182.29 3 107.66 30 213.85 94 1201.80 95 258.82 152 484.02 272 1199.65 274 2139.57	Temp (deg F) Annotation 109.50 Initial Hydro-static 110.43 Open To Flow (1) 111.69 Shut-In(1) 113.66 End Shut-In(1) 113.75 Open To Flow (2) 117.65 Shut-In(2) 118.15 End Shut-In(2) 116.27 Final Hydro-static Gas Rates Choke (inches) Pressure (psig) 0.38 3.50	64.84	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	SUME SING SECOVERY Description GMCO 24%g 20%m 56%	Volume (bbl) 10 0.30 22.21
200 1 200	Since	Time (Min.) Pressure (psig) 0 2182.29 3 107.66 30 213.85 94 1201.80 95 258.82 152 484.02 272 1199.65 274 2139.57 First Gas Rate Last Gas Rate	Temp (deg F) Annotation 109.50 Initial Hydro-static 110.43 Open To Flow (1) 111.69 Shut-In(1) 113.66 End Shut-In(1) 113.75 Open To Flow (2) 117.65 Shut-In(2) 118.15 End Shut-In(2) 116.27 Final Hydro-static Gas Rates Choke (inches) 0.38 3.50 0.38 3.50	64.84 12.82	Ength (ft) 60.00 1700.00	Recovery Description GMCO 24%g 20%m 56% CGO 38%g 62%o	Volume (bbl) 10 0.30 22.21
200 0	Since	Time (Min.) Pressure (psig) 0 2182.29 3 107.66 30 213.85 94 1201.80 95 258.82 152 484.02 272 1199.65 274 2139.57 First Gas Rate Last Gas Rate	Temp (deg F) Annotation 109.50 Initial Hydro-static 110.43 Open To Flow (1) 111.69 Shut-In(1) 113.66 End Shut-In(1) 113.75 Open To Flow (2) 117.65 Shut-In(2) 118.15 End Shut-In(2) 116.27 Final Hydro-static Gas Rates Choke (inches) 0.38 3.50 0.38 3.50	64.84 12.82	Ength (ft) 60.00 1700.00	Recovery Description GMCO 24%g 20%m 56% CGO 38%g 62%o	Volume (bbl) 10 0.30 22.21

-A

	34-33s-31w	v Seward,	KS				
	Parity #1-3	Parity #1-34					
	Job Ticket: 5	1880	DST#: 1				
	Test Start: 2014.02.28 @ 15:34:05						
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
	Test Type:	Conventiona	l Bottom Hol	e (Initial)			
	Tester:	Gary Pevote	aux				
	Unit No:	56					
	Reference E	evations:	2739.00	ft (KB)			
•			2730.00	ft (CF)			
	KB	to GR/CF:	9.00	ft			
	·						
	Capacity:		00.008	psig			
2014.03.01	Last Calib.:		2014.03.01				
05:11:40	Time On Btm:						
	Time Off Btm:						

. in 20 secs.GTS in 8 mins.(see gas flow report)

B, in 1 1/2 mins.(flow rate was TSTM)

		Pi	RESSUR	ESL	JMMARY	
- 68	Time (Min.)	Pressure (psig)	Temp (deg F)	Anr	notation	
- 18	(1901.1.)	(psig)	(0091)			
- 10						
terriperature R						
. 72 ² 2						
- 02						
- 79						
•						
			Ga	s Rat	es	
7			Choke (i		Pressure (psig)	Gas Rate (Mcf/d)
	First Ga	s Rate	(0.38	3.50	64.84
	Last Ga	s Rate		0.38	3.50	12.82
	Max. Ga	as Rate	(0.38	3.50	64.84



DRILL STEM TEST REPORT

Prepared For:

Raydon Exploration Inc.

Raydon Exploration Inc.

34-33s-31w Seward,KS

Parity #1-34

DST # 1

Lans. A

2014.02.28

1601 N.W. Expressway Ste. 1300 Oklahoma City, Ok 73116

ATTN: Ed Grieves

Parity #1-34

34-33s-31w Seward,KS

 Start Date:
 2014.02.28 @ 15:34:05

 End Date:
 2014.03.01 @ 05:14:20

 Job Ticket #:
 51880
 DST #:
 1

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

SEC. 34 TWP 335 COUNTY SEWARD FIELD WILDCAT みで SAMPLES SAVED FROM _ RTD LOCATION 2183' FAL + 673' FWL SAMPLES EXAMINED FROM 4100 No. of DST'S FORMATION TOPS GEOLOGIST ON WELL GEOLOGICAL SUPERVISION FROM 400 TO TO DRILLING TIME KEPT FROM HIDO CONTRACTOR TOMCAT DRIG RIG ## COMM. 2-20-2014 COMP. 3-13-2014 COMPANY BASE HEEBNER HEROKEE DROANTO ANSING FM. KANSAS CITY FI MARMATON AWNEE GENEVIEVE STro 07 6250 DRILLING TIME & RAYDON EXPLORATION, INC. FM. EM 5 _LTD_6258 No. of CORES NONE ,STATE KANSAS EDWIN H. GRIEVES 4100 500年1年1332年1866年18 SAMPLE TO NALEO TO TO TO 70 APT#15-175-22213 TO DEN NEWTOR CALIFER 875 an 1602 W/ B ALL FROM KB LOG 1 22 ML-SONIC XRMI D, GP XD ELEVATIONS O 1739 1738 1730 ψ - /ø/ -- 106 S. 100 1 07 34 84 金凤 REMARKS EARTH-TECH (1-888-543-8378) had an unmanned trailer on this well from 4100-feet to total depth. gas detection Thank Your Hullwed Thank YH. Hullwed Edwind ist Geologist LITHOLOGY CHROMATOGRAPH SANDSTONE SUISTONE DOLOMITE LIMESTONE HOT WIRE BY TOTAL GAS VOLLAVE GRANTE WASH SHALE WIANS A A GHERT FENTRNE PLANAN & GYP DRILL TIME SCALE GAS SCALE SAMPLE DESCRIPTION 10 1000 100 4.100 HHH WOB 35000 RPM 85-95 SPM 65 PP 1175 Interbedded Shales and Limestones D Shimed: todak. gay. - faly toestaly calc. gading to v. toextaly ShixLimsts D Lims. H. to med. gay. tanish IP's to tas. tan; mostly. v. to extaly. Shiy; caypto. xin; sub-chik toe Shiy and pachetin; Noflinoa.; No Cut; Wistok. 4153 2 1 4200 2 Base Heelner 4925-1586 Interbedded Shales + Limestones similar 4100-4220 with interbeds Shs V. drkegry. to black - czrb. 794 to 1384 Toronte 6 4337-1578 Sh med to tres dale gay; soft and mushy when wet Lms. It. gry totan; crypto to v.v.fn. xln.; tiss. chlk. sub-chlk., sub-sucro and packestn.; V.dul. yel. fluore; Wolat No Vis Pop 4300 Sh. med tou. dak. gay to black-carb. 814 5h 1424 Lins. similar 4279 - 4301 Sh med. to v. dak gay. to black-carb Sh H.gay to H.green silty 19's Interbedded Limestones D FESTER DRIG. Long. huytres. tozba. wht. to crom.-chik. & H. tau toten; crypto tou. U. fn. xla.; trs. sub-chik, Sub-sucreo. + Sucreo; Lul. yel., dul H. yel totres H. yel. fluck. No Eut; trs. tohuy thes. pr. tota. micro-pr. por. + poss. interxin. por 118 To Source Dela Ling H.t. 3 4 5 C DSlower Drig. Lms. H. tomed. gry-slitov. Shiy; tanishills to abatan caypto. to V.V.fu. xlin.; sub-chik syb-sucro + packstn; dul. yel: Human iPS; Nocut: No Vis Porosity 4400 1434-4447 Sh. Med. gRy. H447-4456 Sh. med.gry. Calegramy to V. Shiy. Lonst's N456-4460 Lons. 11-98, totan Cayato To V. V. Shiy. Lonst's Packetn; dul.yel fluon AbuijiloVistor Packetn; dul.yel fluon AbuijiloVistor H460-68 Lonstra. whit to camchile * toranto Ittan w/sold to Guest toni to extrely oclitic JSR si. tov. colicattic: matrix slitas. sub zhilo, sub-succes V. Sucrottra packstn; gd. oil oder; hat rix slitas. sub zhilo, sub-succes V. Sucrottra packstn; gd. oil oder; hat rix slitas. sub zhilo, sub-succes V. Sucrottra packstn; gd. oil oder; hat rix slitas. Sub-zhilo, sub-succes V. Sucrottra packstn; gd. oil oder; hat rix slitas. Sub-zhilo, sub-succes V. Sucrottra packstn; gd. oil oder; hat rix slitas. Sub-zhilo, sub-succes V. Sucrottra stackstn; gd. oil oder; hat rix slitas. Sub-zhilo, sub-succes V. Sucrottra stackstn; gd. oil oder; hat rix slitas. Sub-zhilo, sub-succes V. Sucrottra stackstn; gd. oil oder; hat rix slitas. Sub-zhilo, sub-succes V. Sucrottra stackstn; gd. oil oder; hat rix slitas. Sub-zhilo, sub-succes to gd. oplicastric ps. mic.eop/Ador. W/Prob. interstupoatt's Guest to can chik + H. gay. slitas. Sub-zhila, sub-succes to v. uth. Hin; tas sub-zhila, sub-succes to v. uth. Hin; tas sub-zhila, sub-succes to zay to tan; No Vis Pon; w/tws.chest 19's; gay. to tan; apque Lausing Fm. 4456-1717 540 W 3934 6 40 TRIDGE CITS 4654 4500 WOB 35000 RPM 95 SPM 65 FP 1000 4 - 4544.4511 Lms. huy tas. white can take +H. tantatan; Carypic, v. Sn. fn. to med. xin w/tas. whit, med to cozasa cale xis +fragm.; tas. sub-chik. sub-succeo to sucao.; dul. yal-Pluor.; No Cut; huy. tas. pr. to fr. pp. to micro-pp. por. + poss. Vuggular. Por. Lms. H. anytotan: Crypitator Sh. sin, tas

	Lms. H. grytotzn; Cryptatovs. Su. Sin, the sub-chill, Sub-succestri; Aut. yel. - Rimon. 185; No Cat; NoVis Pore 4579. 4606 Interbadded Lunsts. DSlower Dalg Lins. similare 4571-4579 DFaster Dalg. Lins similare 4544-4571	
	4605-4688 Lins. huy tas to estaly abu. whi to cam-chik + tan; caypta tow. furth sub-chik, sub-succes to v. succo; phantom colicastic to colicastic IPs; dul. yel, dul. H. yel. totas. H. yel. tiuce; No cut; abn. pr. fie togd to tas excl. colicastic, p.p., micko-pp an prob. interstic, p. micko-pp an prob.	
	colicastic, p.p., MICRO-pp an prob.	
	4688-4738 Lms. Scattened tas. wht.to CRM chik + 1+. totas med. gay si to V. Shiy, tanishipt, gaysh tanto tan; Caypto. to V.V.tn. xin; sl. tas. sub-chik, Sub-sucha, packata. + sub-lithoga.; dwl.yel. fluba. IPs.; No Cut; No Vistor	
		GAS LINE FROZE OFF
	Lons. Similar 4688-4738 w/incr. in 20 of H. towned.gry-sl. tov. Ship 4752-4765Los. tras. wht. chik + Tencepto to V. utm. + in. they to evially colicestic Yor Editor.colitic: matrix sub-succepts succe + packetin.; gldn. yei fluor; Nocht	
	To Villem. VIn. They Toevilly colicestic Vor Edytov.colitic; mataix sub-succets sucho & pachestin; gldn. yeifluor; Nocht zon. protatoget Tresencel. colicestic port huy thes. Proto the promice opportunes intervin. por 11's son protovivitions 14765-711 Lms. Hugay. Totan; clayofo tovivitions thes. Sub-chiksub-succet Packetin; dual yel-timod.; Nocht, Novis Aox 4771-4786 Sh. med. tov dickgay - cake. To black-careb	6453211354
	4786-4810 Louis. Similare 4764-4771	800
	4810-4834 Lons. hvy. tas. whittacen- chike Higay to tan; caypto to v.v. fn. xin; tas. sub-chik, sub-sucao to sucao. and packstn.; hvy. tas to abn. phantom oplicastic to collicastic you slitetaly phantom collitie to collitie; dul yel. finor.; Nocut: hvy. tas to abn. pr. for the go collicastic, pp.; mileo pp. por Quest. Perm	
	go ooncarric, pp. jmiceo-pp.pop. Quest reken Lms. H. gaytotan; caypta tov. v. f. X/y j Sub-succeo, padesta. + Tres. Sub-lithogh; V. d. ul. yel. Huore. 1P's; Do Cut; No Vis Por	
	Lms. H. gry w/nedgay. politos; crypto fn chille 2 nd Tan-U.S.C. M. Sub-Succe tosucceo: dul. H. yel. To dul. yel. flyor; No cut; tau. has prefix.gd. to exce. micro-pp to interation. pope	
	4871-4941 Las. scattered crutotan dik + H.g.Ry, togRyr36tan; crypto. Touv.fn. × In.; SI: tofriy Shiy. IPS.; SI: tressubdik too sub-succes creation to sub-litered	900
	tas. sub-sucre, pzekstu to sub-1,thore; v.dul. yel. fluer. IP's; No Cut; Hovistor.	
	Sh. med. to very dak gay - calc to	
	612ck-6226. 4963-4994 Long. similar 4871-4941 w/2206 interbode Long to powell	CH-CJ53332113 Biksh 1684 SSSS Kansas City 14963-2224
	CRYPTO. x/n.; S/i.t. as, & ub-chile, packest, #SII. T.RS. Sub-1/ThogR.; dul. H. yel. fluor No Cuit; No VIS. YOR. H994.500/ Lms. t.RS. Wit-chile + tan, 984/164.185; CRYPTO TOX W. K. X/M.; Joextely. colicastic for SII to Very colice they colicastic for SII to Very colice they colicastic for SII to Very Solice they port of the SI to Very Solice the pp, mcrop for the Site of SI	
	Packesta july at flame 118 Notat	
	tan gayishilts; cayota tou. U.fn. Xin.; U.to evilaly. oplitic to a fair to evilar odicastic matrix sub-succeptosucanot packastic glan. yel fluor; No cut; 260 patata to tas ga. oplicastic por; Quest Para	
	5038-5106 Lms. med. totas dak gay- v. toestaly. Shly.; carypta. xla.; packesta. to SI: tas sub-lithoga. Nofluor, NoCut; NoVis Ba.	
	grdnata calc. Shs. medtoy. drk. gry. to	100 222 Marmaton
	5/22-5/28 Long. H.gay. totan; cayib to v.U.f.m. x/m; tas sub-child, tas- Sub-succe + pactostin; delyat thuce. IP's Nocut. No Vis Pore 5/28-5/35 Long. tas. wht.tocam-chile 4 It fantotan caypto. tours x/m; v.toevilaly offic trong caypto. tours fire in the vial fas ab-child, the sad succestic in the vial fas ab-child, the sad succestic in the vial of the store for the sad succestic in the vial fas ab-child, the sad succestic in the vial fas ab-child, the sad succestic for the vial fas ab-child, the sad succestic for the vial fas ab-child and versilated to the construction of the same fas ab-child and succestic for the same fas ab-child and succestic for the same fas ab-child for the same succestic for the same fas ab-child for the same succestic for the same fas ab-child for the same succestic for the same same succestic for the same same same same same same same sam	TRAP CHECK CFS
	5135-5147 Lows. Similar 5122-5128 5147-5153 Lows about our about whit for an -chille He tan to the i Crapto to V.U. + With Substalle Subsucroto Sucreative Sites for Sites of the Sites of the Phantom out it's at college Jor Sites by phantom colscistic to college the Sites of the set	
	+ 2011. pRta tresfetord. microppo. por + probintersin. porits 5153-5174 Lims. Similar 5128-5135 W/less Onlicastic + More Odlitic	CFS CFS
	Lms. H. gay, gRyish.tautotan; cRypto. totas U.V.En. XIn; tas sub-succo. packstn.t sub-1. Thoga; dul.yel. to chu I. H. yel. fluor.; No Cut; NoVistor.	
į	Sh. V. drek. gry. to blade-carb	Biksh 324
	Lons. to white to com chilled Hegay, tograph. + an; chypto. to v.v.fn. xlm.; 511. thes. sub-chilly sub-succest packestn; dulyet flue No Cut; No Viston - Poss. ?? Sh.v. dak. gay toblack - Carb	64.0022011804
	Lons. Similar to 5233-5254. W/huy. tres. to abon. wht to crm chike. 13.	DI CIE BIESA
	Esh.v.d.Rke 9xy. to black-careb = Lms. similar 5233-5254	300 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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	Lms. H. gay, tanish gay. to gayish tan; Cayoto to u. t. f. xlu; tas. sub-th the, tas. sub-succo, gachests 2 ad tas. sub-lithogod; dul. yel. fluor; Nocut; No Vie tor. Lms. similar 5316-5348 4/260 CRIMTO 40406 tan Lm. chle. and	
	CRIMTO gayadi tan Limichle and an. increase in sub-lithoga. w/tas. Chert gaytotan; opque Sh. U. d. Rle. gay to black - canb Lims. Similar 5348.5366 Interbeddestor Gradational Limits + Shales	
Į	DLms. H. tomed +tas. dah. gay Stite Arg Shir gadug to cale Shs. : capptoxin; sub-chile 2. Von Shiy and Packestu; Nofluor.; Notut; NoVis POR DLms. gavish tau totanic apptotove for Sla; sub-chik, sub-succes packesta; du	
	yel todul. H. yelf Inor; Nolut Nolistor. 3) Sh med tov. dr. k. gry slito Extravo calcill's grang to extraly Shly. Limsts.	
	Sh. v. dek. garto b/k-czeb Litenbalcod Yos Speciationa ilms + Sh3	
	even bet gruisk y el fluor i flush to eucer. Stremngauts gd. oiloder, huyte De totre fa togd nilleo popor 183 + Pass Intersta por. 183; prob. + ractur jug.	TRIPONE
	5460-5637 Interbedded The Gradational Lonsts + Shs 50	
	Interbedded to Gazdational Lonsts + Shs DLows. gayrihitan totan; cayptotov.v.fn xin., tas.chilh, tas.sub-chilh, sub-succa, packesto. + sub-lithoga.; dul. yel. those No Lant; No Vis Por B) Lons. H., med. to data.gay. slito extaly. Shiy. gadag. to estaly calc.	
	B) Lms. H., med. todak.gay.slito extraly shiy.gadng.to estaly calc. shs. carpto. xin; subchik Yorshiy, and packstn.; No fluor.; Nocut Novisfor. B) Sh med.toy.dak.gay.slito extraly.calcifs.gadng to estaly ship Lmsts	
	Shudek gay to black - carb S637-5659 Lms. It tomedory, tanish IP's, mottled tan IT's. CRYPTO. toy. U. f. MaijgRanular looking. IP's phastom oditic to on Litic IP's Subsucceo parts	
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	spid toevan ban. oil strijuvinto med. gr(gas.caypto.tourtu.xin). (Rexized Lm.gas) matrix sub-supro to succeo + packstri; scattered tresglanc. The Salerite;	
	Scattered the finely disseminated pyrite; gidn. yes. flucr.; flushto gd. String Cats; scattered the poor micko pp por: Quest Parm 5669-5684 Otz Shet. brown from oil Sta.; v.v.fu. totas. v. fingr. 2ng, frtogd. Sort; 26n claytsilt	= } } } } # # #########################
	Ching; scattened tas. 9/242, 702 Ching; scattened tas. 9/242, 702 Chingite; scattened tas finely S disserving tod pyrite IP's; good oil oder; gldnyel. fluor withish to good Straining Cuits; huytes. - poor to the faire micho pp. to	TripGasAfter DST#3
	5684-5710 Sh. med to dak. gay. extrable Vertaly. 5147 + Sdy.	CH4C5 3C211 384 384 29 5 6 3 228 51000 C C C C C C C C C C C C C C C C C C
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	5736-5757 Freque Loss tauto H. grad motiled 1P5; U. Entomed gas (gescart to to U. U. Pard (composed loss gas (gescart to tau. Jand (composed loss gas (gescart to tau. gas fore trangen, tool, tos motatiscally, sub-chik, sub-succeo, packety of the sub-litheogra; dul H. yello dul yel timore; Nocutikove Be	
	5751-5821 Interbedded Fragm. Lusts and Shales DLms. similar 5736-5751 w/abn becoming H. tomed gay-fally to extially Shir; w/Nofluor; NoCut No Vis. Por	
	Dishs med. gry w/tresdak.gry earthy to matt texture; calc for most Parts	800 - 3 2 1 2
	5821-5854 Extely Shiy Loss on Extery calc. Sh; med. gay. tastanishifts caypto. xin; sab-chiktor Shiy to packetin; Nofinor; No Cut; No Vis Por	
	5854-5894 Shirlmstocale Sks	
	Similar 5821-5854 w/26n Luns. H.gry, gryishtan to tan crypta to v.v.tn. xln.; ch/k., sub-ch/h, tal. sub-sucrec. + pachistn.; Fragm. Lasts 1P& w/v.fn. tomed.grs of Lungast foss. fragms.; huy. tas w/duk Kyd. fluer: Nocut: No Vis for	
	+Tupe; Nolut; No Vistore. 5894-5957 Interbedded Shales and Limestones similar 5854-894	77 B 5 C 3 2113 60 U
	w/tas to v. a.bn. verigated Shales grys, greens, reds, marcons and yellows 5957-5961 Lms. gryilltantotan; crypto.touv.tn. xln.; sub-child, subsucco t packatin; abn.w/sm. colites, dul yel. flupe.; Norut Noviceo	
	Jel. Elwore.; Nocut: Novistor 5961-5969 Interbedded Instation Sd. O Faster Dalg. Otz Sat. Tantoban Erom oil Stai, silt touv. Engr 2019. Priv. sort: czic. 103; faintoilater glan yel. Thurk: flushtogd. Strang Zuits; TRS pr. toslitastr. Jaiceo. 100 Por; poss. intergr. por 105 Quest.	
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	Similar Lms 5957-5961 and Verigated Shagayareens, Deds. magoonst vallous and	StGenevieve 5983-3244
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	abo Long, H. gay, w/spith Tooden ban to blk oil Stu.; cray sto tovith XIn; V. to extraly micker-onlitic And Slito V. Otz. SolyVulinga- Ang; Mataix sub-chik sub super to Success; oil Stubas du yes. to dul gld yes-fluom; wAlush, Stamag, milky or Ring cuts NOV is for	
	And SlitoV. Otz. Say Ulinga-	000 C3 21

	6076-6128 Lms. TRS. wht tocRum-chik.
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	6128-61371mm. abn whttocrimichik w/ chik polites IP'sistian, gryish IP's carplotowuth. Kin; talytos. politic
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Ś	6220-6250 Los Similare 6183-6209
Ę.	w/huxtres.Long. H.gay, v.v.fn.xln.; Sub-jucao. to sucao.; dolomitic V.V. dul. H. yel. fluor; Nolut, NoVis Por
2	TD 6250
	7% inch Bit Info: PDC BHC DP506 1602 4100
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	Circ. Points: 1. 4468 7. 5190 18. 5730 2. 4770 8. 5463 H. 5760
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1.1.114	Daily DRIG PROGRESS: 1.4100 AT 7:00 AM 2-26-2014
┞┼┼┼╂╬╊	3.4468 At 7:00 AM 2-28-2014 4.4468 At 7:00 AM 3-1-2014 5.4909 At 7:00 AM 3-1-2014
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	13. 5980 ATT.ODAM 3-10-2014
	14. 6142 At 7:00AM 3-11-2014 15 6142 At 7:00AM 3-12-2014 16. 6250 At 7:00AM 3-13-2014
	DST# / Lansing "A" 4458-4468 1.D. Strang Blow BOB 20 Sec GTS 8 Min
	DST# / Lansing "A" 4458-4468 10. Strang Blow BOB 20 Sec GTS B min F.O. Strang Blow BOB imed. Flowing 645 Rec 1945 ft fluid 185' GCMO 2025 5050 302M 1700' CGO 382 G 6230
	60' GMCO 2426 5620 203M BHT 118° GRAN 36.7 APT 14P 2182 #
	IFP 108-214# 14 30 min 1510 1202 # 13 60 min 150 350 4044 1 60 min
	FSIP 1200 # in 120 min FHP 2140# MaxFlow Rate IO 59 MCF FO TSTIA
	IO 54 MCF FO 737M DST#2 Atokalm. 5449-5463 IO Good Blow 8"in 30min FO NoBlow
	Bec. 300' TIP 10'Mud
	BHT 1254 14P 1558# FFP 15-16 in COmin 1FP 27-16 in 30 min FC/P 346 in 120 min 151P 211# in 60 min FHP 2528# DST#3 MORROW SAST. 5656-5680
	FOSTAngBlow 80820sec GTS 10 min FOSTAngBlow 808 immed. Flowing Gas
	REC. 10-Ft Mud BHT 131°F 14P2837# FFP78-52#160mix. 1FP 167-40#in30minFSIP 1873#in 60mix. 1SIP 1876# in60min FHP 2727#
	FF 13.79 to 13.49 MCF/D
	DST#4L Chester Sd. 5960-5980 TO WKSurf Blow to Kyinch FO No Blow Rec 5 ft MUD BHT?
	14P 1948# FFP 15-19# 30min 1FP 17-17 # 30min FS1P 27# An 120min 151P 25# in60min FAIP 2861#
	Is whe doe 1 7 's menter a
	Blow to 12 inches FFWK surface Rec. 300 ft of Fluid BHT 141°F 60'OCMW 520 552 W 402 Mud 2404.51: OCMW TR.0; 853 W 152M
	60' OCMW 520 552 W 402 Mud 240V.SII.OCMW TR.O; 852 W 152M PHCHI 1200: pom Rw. 10@ 34.50 F Testor Chi 190000 pom Mud Eng. Titrated 86000 pom Ch! IMP 3025# FFP 86-1474 in 60min IFP 20-78# in 30min FSIP 1878# in 120min IFP 20-78# in 30min FSIP 1878# in 120min ISIP 1878# in 60min. FHP 295/#
	IHP 3020# FFP 86-1474 in 60 min IFP 20-78# in 90 min FSIP 1878# in 120 min KIP 1070# 00 min FSIP 1878# in 120 min
	Date 2-27 1-28 3-1 3-2 3-3 3-4 3-5 3-6 3-7
	Time AM
	wt 9.4 9.2 9.2 9.1 9.1 9.2 9.2 9.2 9.2 Vis 48 50 56 45 51 53 62 52 56
	PV 18 18 21 16 17 21 22 22 23 PV 18 18 21 16 17 21 22 23
	65 5/1 5/9 6/11 3/5 3/12 4/ 8/14 4/15 8/18
	WL 7.6 6.2 7.6 6.8 6.4 6.2 6.8 6.8 8.8 Cake 1/32 1/32 1/32 1/32 1/32 1/32 1/32 1/32
	PH 12.9 11.0 11.0 10.5 10.9 11.9 9.9 10.9 10.9 Ch1 4800 3800 3800 2800 2500 1700 1500 1600 2000
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	Date 3-8 3-9 3-10 3-1/ 3-12 3-13 Time 7:30 7:00 8:30 8:30 9:30 10:00 Time AM AM AM AM AM
	Dept 5740 5950 5980 6147 6147 6250 wt 9.2 9.1 9.2 9.2 9.2 9.2
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