Confide	ntiality F	Requested:
Yes	No No	

CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1273856

Form ACO-1 November 2016 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.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / 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.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
	Field Name:
New Well Re-Entry Workover	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas DH EOR	Total Vertical Depth: Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used?
Cathodic Other (Core, Expl., etc.):	
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 EOR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of huid disposal if native offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
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 Drill Stem Tests Received				
Geologist Report / Mud Logs Received				
UIC Distribution				
ALT I II III Approved by: Date:				

CORRECTION #1

1273856

Operator Name:					Lease Name:	_ Well #:
Sec	Twp	_S.	R	East West	County:	

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional She	eets)	Ye	es 🗌 No			.og F	-ormatior	n (Top), Depth a	nd Datum	Sample
Samples Sent to Geolog TCores aken		□ Y€			Nam	e			Тор	Datum
Electric Log Run		Ye	es 🗌 No							
Geologist Report	/ Mud Logs	Ye	es 🗌 No							
List All E. Logs Run:										
		Repo	CASING ort all strings set-c	RECORD conductor, sur	Ne face, inte		lsed , productio	n, etc.		
Purpose of String	Size Hole Drilled		e Casing t (In O.D.)	Weigh Lbs./			ting pth	Type of Cement	# Sacks Used	Type and Percent Additives
			. ,							
L			ADDITIONAL	CEMENTIN	G / SQL	JEEZE R	ECORD			1
Purpose: Depth Top Bottom		Type of Cement		# Sacks Used Type		Type and	e and Percent Additives			
Perforate Protect Casing Plug Book TD										
Plug Back TD Plug Off Zone										
1. Did you perform a hydra	ulic fracturing treatme	nt on this w	ell?	1		·	Yes	No (If No si	kip questions 2 ar	nd 3)
 Does the volume of the t 	-			t exceed 350,0	000 gallo	ons?	Yes		kip question 3)	
3. Was the hydraulic fracture	ring treatment informa	tion submit	ted to the chemic	al disclosure	registry?		Yes	No (If No, fil	l out Page Three	of the ACO-1)
Date of first Production/Inje	ection or Resumed Pro	oduction/	Producing Meth	nod:						
Injection:			Flowing	Pumping		Gas Lift	Ot	her (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er	Bbl	S.	Gas-Oil Ratio	Gravity
DISPOSITION	I OF GAS:		Ν	METHOD OF (COMPLE	ETION:				DN INTERVAL:
Vented Sold	Used on Lease		Open Hole	Perf. Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)		Тор	Bottom			
(If vented, Subm	it ACO-18.)				(Cubiiii	1400 3)	(Subin	((ACC-4)		
Shots PerPerforationPerforationBridge PlugFootTopBottomType		Bridge Plug Set At	Bridge Plug Set At Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)							
TUBING RECORD:	Size:	Set At:		Packer At:						

Form	ACO1 - Well Completion
Operator	Raydon Exploration, Inc.
Well Name	K&G 1-29
Doc ID	1273856

All Electric Logs Run

Dual Spaced Neutron Spectral Density Log
Annular Hole Volume Plot
Array Compensated True Resisitivity Log
Microlog
Wavesonic Mono Delta T Log
Radial Cement Bond Log

Form	ACO1 - Well Completion
Operator	Raydon Exploration, Inc.
Well Name	K&G 1-29
Doc ID	1273856

Tops

Name	Тор	Datum
Base Heebner	4076	-1147
Toronto	4086	-1157
Lansing Fm	4152	-1223
Kansas City	4534	-1605
Marmaton	4682	-1753
Pawnee	4780	-1851
Ft. Scott	4816	-1887
Cherokee	4828	-1899
Morrow	5070	-2141
Chester	5126	-2197
St. Genevieve	5263	-2334
St. Louis	5332	-2403

Form	ACO1 - Well Completion
Operator	Raydon Exploration, Inc.
Well Name	K&G 1-29
Doc ID	1273856

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	24	1680	A-Con, Prem Plus	550	3%CC, 1/4#Poly
Production	7.875	5.5	15.5	4948	A-Con, AA2		2%CC, 1/4#Poly

Summary of Changes

Lease Name and Number: K&G 1-29

API/Permit #: 15-081-22122-00-00

Doc ID: 1273856

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Liner Run?		No
Method Of Completion - Perf	No	Yes
Production - Barrels Oil		41
Production - Barrels of Water		95
Production - MCF Gas		0
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12 68503	//kcc/detail/operatorE ditDetail.cfm?docID=12 73856



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1268503

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

CONFIDENTIAL WELL COMPL

Confidentiality Requested:

Yes No

WELL COMPLETION FORM

OPERATOR: License #	API No. 15
Name:	
Address 1:	Sec TwpS. R East West
Address 2:	Feet from Dorth / Douth Line of Section
City: State: Zip:	+ East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
	Field Name:
	Producing Formation:
	SIOW Elevation: Ground: Kelly Bushing:
	SIGW
	Temp. Abd. Notal Vertical Depth. Find Depth. Find Depth. Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	
	If yes, show depth set: Feet
If Workover/Re-entry: Old Well Info as follows:	
Operator:	
Well Name:	feet depth to:w/sx cmt
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR	Drining i fait intragonione i fait
Plug Back Conv. to GSW	Conv. to Producer (Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	
ENHR Permit #:	
GSW Permit #:	
	Lease Name: License #:
Spud Date or Date Reached TD Completi	Quarter Sec TwpS. R East West
· · ·	etion 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:



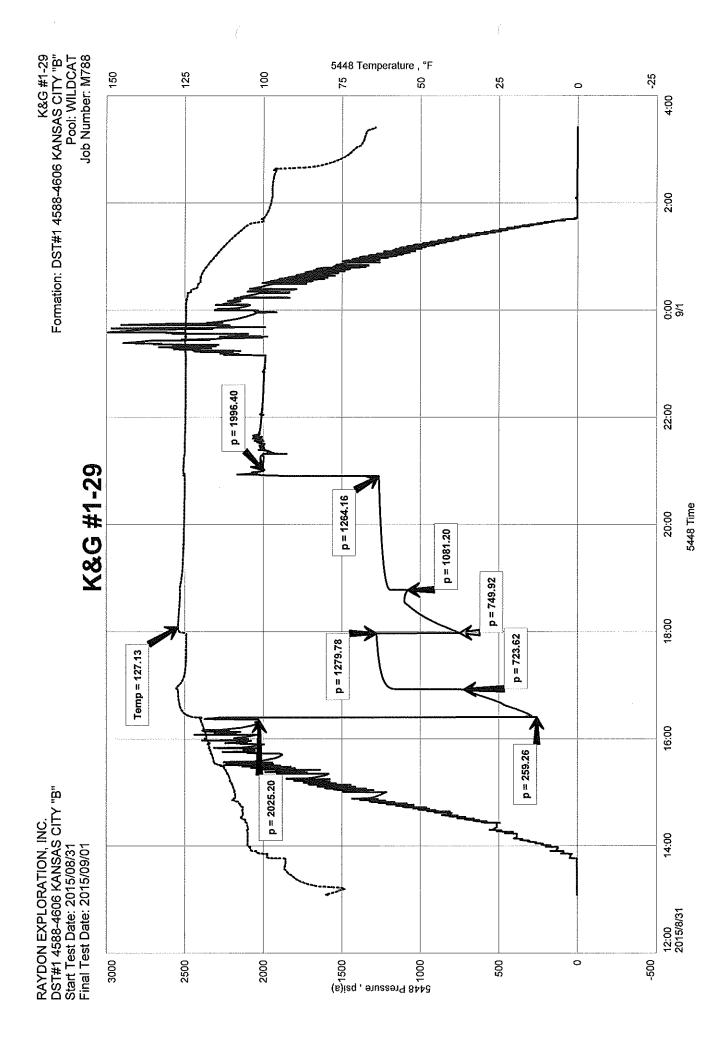
DIAMOND TESTING P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313 DRILL-STEM TEST TICKET FILE: K&G1-29DST1

TIME ON: 1305 (8/31)

TIME OFF: 0325 (9/1)

Company_RAYDON EXPLORATION, INC.	Lease & Well No. K&G #1-29			
Contractor QUEST DRILLING 102	_ Charge to_RAYDON EXPLORA	TION, INC.		
Elevation2917 GL FormationKANSAS CITY "E	B"Effective Pay	Ft.	Ticket No	M788
Date 8/9/2015 Sec. 29 Twp. 27 S R				KANSAS
Test Approved By EDWIN H. GRIEVES	Diamond Representative	MIKE	COCHRAN	<u></u>
Formation Test No. 1 Interval Tested from 45			th	4606 ft.
Packer Depth4583 ft. Size6 3/4 in.			Size 6 3/4	
Packer Depth 4588 ft. Size6 3/4 in.	Packer depth		Size 6 3/4	in.
Depth of Selective Zone Set				
Top Recorder Depth (Inside) 4570 ft.	Recorder Number	5448 Cap.	5,0	00 P.S.I.
Bottom Recorder Depth (Outside) ft.	Recorder Number	0063_Cap	5,0	⁰⁰⁰ _P.S.I.
Below Straddle Recorder Depthft.	Recorder Number			P.S.I.
Mud Type CHEM Viscosity 72	Drill Collar Length			
	Weight Pipe Length	0_ft.	I.D2	7/8 in
Chlorides2,800 P.P.M.	Drill Pipe Length	4290 _{ft.} I	I.D3	1/2ini
Jars: Make STERLING Serial Number 3	Test Tool Length	32 ft.	Tool Size 3	1/2-IF ini
Did Well Flow?NOReversed OutNO	Anchor Length	18 _{ft.}	Size 4	1/2-FH in
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in.	Surface Choke Size1	in. I	Bottom Choke S	lize_5/8_in
Blow: 1st Open: SSB, BOB 40 SEC. GTS 14 MIN.	(BOB BB)			
^{2nd Open:} SSB, BOB 52 SEC. OTS 31 MIN.	(BOB BB)			
Recovered ~2089 ft. of GIP GRAVITY: 36.8 @ 60°		<u></u>		
Recovered ~2108 ft. of GO ~10% GAS, ~90% OIL (~30 BBL)				
Recovered 359 ft. of MGO 30% GAS, 60% EMULSIFIED C	IL, 10% MUD (93	' DP, 266'	DC)	
Recovered 4556 ft. of TOTAL FLUID & GAS				
Recoveredft. of		Price	Job	<u> </u>
Recoveredfl. of		Other	Charges	
Remarks: SEE ATTATCHED GAS REPORT.FINAL FLOW (EST) 9.35 M	1CF/D @31" OF H2O	Insura	ance	
DROPPED BAR @ ~4600				
TOOL SAMPLE:		Total		
Time Set Packer(s) 4:30 P.M. A.M. P.M. Time Started Off Bo			Temperature _	127°F
Initial Hydrostatic Pressure				
Initial Flow Period	4000	S.I. to (C)	/24	_P.S.I.
Initial Closed In Period Minutes 60	(D)1280 P.(1094	
Final Flow Period	1001	6.1. to (F)	1081	P.S.I.
Final Closed In PeriodMinutes120	(G)1264 P.(
Final Hydrostatic Pressure	(H) 1996 p.s	3.I.	1.1	

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.



Fast



DIAMOND TESTING P. O. Box 157 HOISINGTON, KANSAS 67544 (316) 653-7550

GAS VOLUME REPORT

Company_ RAYDON EXPLORATION, INC.	Lease & W	ell NoK&G #1-29	
Date 8/9/2015 Sec. 29 Twp. 27 S Rge. 32 W	Location	HASKELL	State_ KS
Drilling Contractor_QUEST DRILLING 102		KANSAS CITY "B"	DST_No1
Remarks: GTS 14 MIN 1ST OPEN, GAS BURNED NIC	CELY (ORANGE)		
OIL TO SURFACE 31 MIN 2ND OPEN			

INITIAL FLOW PSI

Time O'Clock	Orifice Size	Gauge	CF/D
	lo.	in.	
	in.	în.	
	la,	in.	
	in,	in.	
	in,	in.	
	in,	in.	

Time O'Clock Orifice CF/D Gauge Size INCHES OF IT MCF/D .25 in, ¹⁵ in. 5 MIN 6.55 in. 10 MIN. 30 in. 9.2 in. 15 MIN. 9.35 31 _{jn.} in. 28-38 in. 20 MIN. 8.89-10.4 łn, 24-34 in. 30 MIN. 8.22-9.79 ín. in, in. in. in. in. in, in. in.

SAMPLE TAKEN NO

FINAL FLOW (EST) 9.35 MCF/D @31" OF H2O

FINAL FLOW INCHES OF WITH

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name Well Name Unique Well ID Surface Location Field Well Type	DST#1 4588-4606 KANSAS CITY "B" SEC.29-27S-32W HASKELL CO.KS. WILDCAT	Representative Well Operator Report Date Prepared By Qualified By	M788 MIKE COCHRAN RAYDON EXPLORATION, INC. 2015/09/01 MIKE COCHRAN EDWIN H. GRIEVES
21		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL
Formation	DST#1 4588-4606 KANSAS CITY "B"
Test Purpose (AEUB)	Initial Test

Start Test Date Final Test Date	2015/08/31 Start Test Time 2015/09/01 Final Test Time Well Fluid Type	13:05:00 03:25:00 01 Oil

5448

Gauge Name Gauge Serial Number

<u>Test Results</u>

Remarks RECOVERED:

~2089' GIP ~2108' GO ~1

~2108' GO ~10% GAS, ~90% OIL (~30 BBL) 359' GOCM 30% GAS, 60% EMULSIFIED OIL, 10% MUD 4556' TOTAL GAS & FLUID

(93' DP, 266' DC)

GRAVITY: 36.8 @ 60 DEG

TOOL SAMPLE: 95% OIL, 5% MUD



DIAMOND TESTING P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313 DRILL-STEM TEST TICKET FILE: K&G1-29DST2

TIME ON:	1430	(9/1)
TIME OFF:	0120	(9/2)

	Fil	E: <u>K&G1-</u>	29DST2				
Company RAYDON EXPLORA	TION, INC.		Lease & Well No. K	&G #1-29			······································
Contractor QUEST DRILLING 102			Charge to RAYDO		INC.		
Elevation 2917 GL Form			^{3"} Effective Pay			No	M789
Date 9/1/2015 Sec. 29							KANSAS
Test Approved By EDWIN H. GRIEVES			_ Diamond Representati		IKE COC	HRAN	
Formation Test No. 2					Depth		4627 ft.
Packer Depth4612							in.
	t. Size <u>6 3/4</u>		Packer depth				in.
Depth of Selective Zone Set	1174						
Top Recorder Depth (Inside)	4	4599 _{.ft.}	Recorder Number	5448	Сар	5,000	<u>)</u> P.S.I.
Bottom Recorder Depth (Outside)		1619 _{(t.}	Recorder Number	0063	Сар	5,000	⁾ _P.S.I.
Below Straddle Recorder Depth		ft,	Recorder Number				
Mud Type CHEM Viscos	sity70		Drill Collar Length		t. I.D		******
	ss8.0	CC.	Weight Pipe Length	0	ft. 1.D	2 7/8	<u>3</u> ir
Chlorides		<u>P.P.M.</u>	Drill Pipe Length				
Jars: Make STERLING Serial N	lumber	3	Test Tool Length	32	t. Tool Si	ze3_1/2	<u>}-IF</u> in
Did Well Flow? NO Re	eversed Out	NO	Anchor Length	10	ft. Size	4 1/2	<u>?-FH</u> ir
Main Hole Size 7 7/8 To	ol Joint Size 4 1/2	2 XH_in.	Surface Choke Size	1	n. Bottom	Choke Siz	e_5/8_in
Blow: 1st Open:WSB, BUILT T	O 7¼"	(NO BE	3)				
2nd Open: AFTER 7 MIN, A	WSB BOB 35	MIN	(NO E	3B)			
Recovered 215 ft. of GIP							
Recovered 59 ft. of OSGMW 1	2% GAS,4% OIL, 44	4% WTR, 40	0% MUD				
Recovered 177 ft. of GMW 1%	GAS, 95% WTR,	4% MUD		· · · · · · · · · · · · · · · · · · ·			
Recovered 236 ft. of TOTAL FI	LUID						Manuari 1 Anno 111 anno 1414 anno 14
Recoveredft. of PH: 7.0				F	Price Job		
Recoveredft. of CHLOR:	84,000 PPM				Other Charge	es	
Remarks: RW: .21 (@ 65 DEG				nsurance		
~2' BTTM DC SLIGHTLY PLUGG	ED						
TOOL SAMPLE:~100% WTR W/ A T					otal		
Time Set Packer(s) 5:30 P.M.	A.M. P.M. Time Sta	arted Olf Bo	10:00 P.M	A.M. P.M. Maxin	num Tempe	rature	122°F
Initial Hydrostatic Pressure			(A)	2056 p.s.i.			
Initial Flow Period	Minutes	30	(B)	16 _{P.S.I.} to (C)	59 p	.S.I.
Initial Closed In Period	Minutes	60	(D)	1340 P.S.I.			
Final Flow Period	Minutes	60	(E)	67 P.S.I. to (F	:)	128 _{.P.}	S.I.
Final Closed In Period	Minutes	120	(G)	1346 p.s.i.			
Final Hydrostatic Pressure	*****		(H)	2015 P.S.I.			

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

DIAMOND **TESTING**

Pressure Survey Report

General Information

Company Name Well Name Unique Well ID Surface Location Field Well Type

RAYDON EXPLORATION, INC. Job Number K&G #1-29 Representative DST#2 4616-4627 LOWER LANSING "B" Well Operator RAYDON EXPLORATION, INC. SEC.29-27S-32W HASKELL CO.KS. Report Date 2015/09/02 WILDCAT Prepared By Vertical Qualified By Test Unit

M789 **MIKE COCHRAN** MIKE COCHRAN EDWIN H. GRIEVES NO. 3

Test Information

Test Type	CONVENTIONAL
Formation	DST#2 4616-4627 LOWER LANSING "B"
Test Purpose (AEUB)	Initial Test

Start Test Date **Final Test Date** 2015/09/01 Start Test Time 2015/09/02 Final Test Time Well Fluid Type

5448

14:30:00 01:20:00 01 Oil

Gauge Name **Gauge Serial Number**

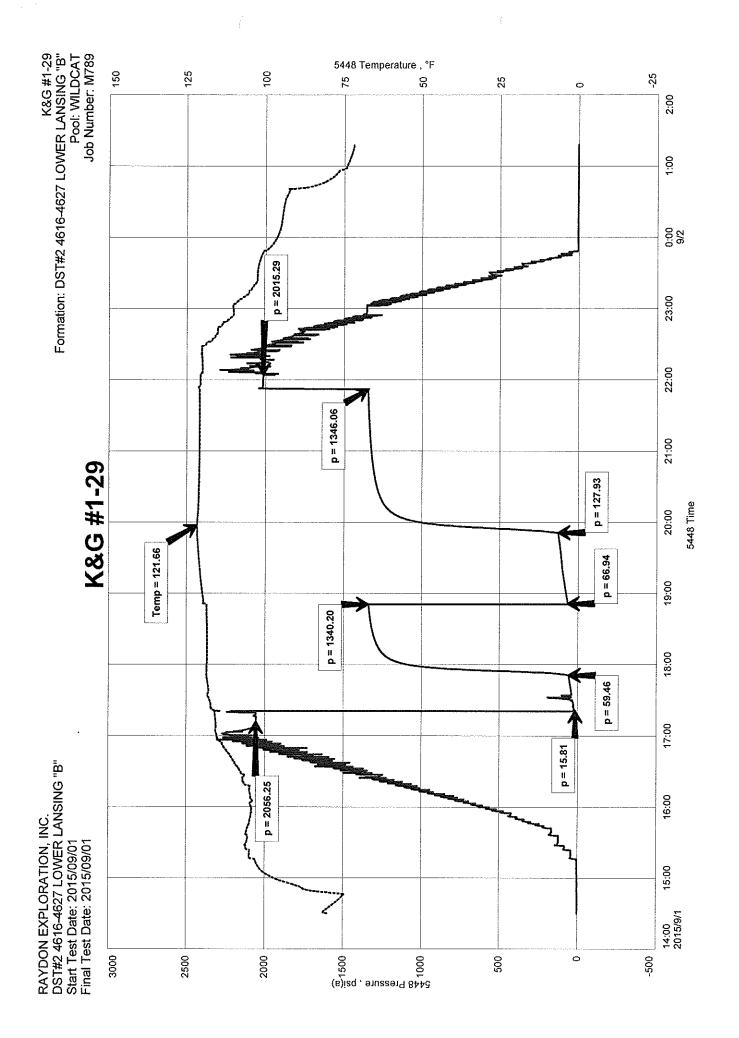
Test Results

Remarks RECOVERED:

215' GIP 59' OSGMW 12% GAS,4% OIL, 44% WTR, 40% MUD 177' GMW 1% GAS, 95% WTR, 4% MUD 236' TOTAL FLUID

CHLOR: 84,000 PPM PH:7.0 RW: .21 @ 65 DEG

TOOL SAMPLE: ~100% WTR W/ A THIN SCUM OF OIL



C:Wsers/Roger Friedly/Documents/aMIKEDSTK&G #1-29K&G1-29DST2K&G1-29DST2CHT.FKT 02-Sep-15 Ver

TaS†

Nul.

DIAMOND TESTING P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313 DRILL-STEM TEST TICKET FILE: K&G1-29DST3

TIME ON: 1545 (9/2)

TIME OFF: 0130 (9/3)

Contractor QUEST DRILLING 102 Charge to FAYDON EXPLORATION, INC. Elevation 2917 GL Formation UPPER MARMATON Effective Pay F.T. Erket No. M700 Date 9/2/2015 Sec. 29 Twp. 27 S Range 32 W County MAKELL State KANSA Test Approved By EDWIN H. GRIEVES Diamond Representative MIKE COCHRAN MKE COCHRAN Packer Depth 4677 ft, Size 6 3/4 in Packer depth N2 ft, Size 6 3/4 in Packer Depth 4682 ft, Size 6 3/4 in Packer depth N2 ft, Size 6 3/4 in Packer Depth 4682 ft, Size 6 3/4 in Packer depth N2 ft, Size 6 3/4 in Depth of Selective Zone Set	Company_RAYDON EXPLORATION, INC.	Lease & Well No. K&G #1-29					
Date 9/2/2015 Sec. 29 Twp. 27 S Range 32 W County HASKELL State KANSA Test Approved By EDWIN H. GRIEVES Diamond Representative MIKE COCHRAN 4684 ft. 5000 Pt. 4694 ft. Total Depth 4694 ft. 11. Total Depth 11. <td></td> <td></td> <td></td>							
Date 9/2/2015 Sec. 29 Twp. 27 S Range 32 W County HASKELL State KANSA Test Approved By EDWIN H. GRIEVES Diamond Representative MIKE COCHRAN 4684 ft. 5000 Pt. 4694 ft. Total Depth 4694 ft. 11. Total Depth 11. <td>Elevation 2917 GL Formation UPPER MARMAT</td> <td>FIN Effective PayFt. Ticket No</td> <td>M790</td>	Elevation 2917 GL Formation UPPER MARMAT	FIN Effective PayFt. Ticket No	M790				
Formation Test No. 3 Interval Tested from 4682 ft. to 4694 ft. Total Depth 4694 ft. Packer Depth 4677 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in. Packer Depth 4682 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in. Depth of Selective Zone Set			KANSAS				
Packer Depth 4677 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in. Packer Depth 4682 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in. Depth of Selective Zone Set	Test Approved By EDWIN H. GRIEVES	Diamond RepresentativeMIKE COCHRAN					
Packer Depth 4677 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in. Packer Depth 4682 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in. Depth of Selective Zone Set	Formation Test No3 Interval Tested from	4682 ft. to 4694 ft. Total Depth	4694 ft.				
Depth of Selective Zone Set							
Top Recorder Depth (Inside) 4664 ft. Recorder Number 5448 Cap. 5,000 P.S.I. Bottom Recorder Depth (Outside) 4664 ft. Recorder Number 0063 Cap. 5,000 P.S.I. Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I. Mud Type CHEM Viscosity 64 Drill Collar Length 266 ft. I.D. 2 1/4 Weight 8.5 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 Chlorides 3,500 P.P.M. Drill Pipe Length 4384 ft. I.D. 3 1/2 Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF Did Well Flow? NO Reversed Out NO Anchor Length 12 ft. Size 4 1/2-FH Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 Blow, 1st Open: NO BLOW (NO BB) Ind Open: NO BLOW (NO BB) Recovered ft. of Price Job Price Job Other Charges Insurance		Packer depth NA ft. Size6 3/4	in.				
Bottom Recorder Depth (Outside) 4684 ft. Recorder Number 0063 Cap. 5,000 P.S.I. Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I. Mud Type CHEM Viscosity 64 Drill Collar Length 266 ft. I.D. 2.1/4 Weight 8.5 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2.7/8 Chiorides 3,500 P.P.M. Drill Pipe Length 4384 ft. I.D. 3.1/2 Jars: Make StratLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3.1/2-IF Did Well Flow? NO Reversed Out NO Anchor Length 12 ft. Size 4.1/2-FH Main Hole Size 7.7/8 Tool Joint Size 4.1/2-XH in. surface Choke Size 1 in. Bottom Choke Size 5/8 Blow 1st Open: NO BLOW (NO BB) (NO BB) Recovered 17.7 ft. of TOTAL FLUID Recovered ft. of Ft. of Ft. of Price Job </td <td>Depth of Selective Zone Set</td> <td></td> <td></td>	Depth of Selective Zone Set						
Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I. Mud Type CHEM Viscosity 64 Drill Collar Length 266 ft. I.D. 2 1/4 if Weight 8.5 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 1/4 if Weight 8.5 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 1/4 if Chlorides 3.500 P.P.M. Drill Pipe Length 4384 ft. I.D. 3 1/2 If Tool Size 3 1/2 If Tool Size 3 1/2 If Dol Size 3 1/2 If Tool Size 3 1/2 If Dol Size 3 1/2 If Dol Size 3 1/2 If Main Hole Size 7 1/8 Tool Joint Size 4 1/2 XH in Suface Choke Size 1 in Bottom Choke Size 5/8 Biow: 10 Pen: SSB, INTERMITTENTLY BUILT TO 3" (NO BB) Recovered 177 ft. of VSOSGMW 58% WTR, ~42% MUD, A FEW SPOTS OF OIL, SOME GASSY BUBBLES Recovered<	Top Recorder Depth (Inside) 4664 ft.	Recorder Number 5448 Cap. 5,0	<u>00</u> .P.S.I.				
Mud Type CHEM Viscosity 64 Drill Collar Length 266 ft. I.D. 2.1/4 i Weight 8.5 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2.7/8 Chlorides 3,500 p.p.M. Drill Pipe Length 4384 ft. I.D. 3.1/2 Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size_3.1/2-IF Did Well Flow? NO Reversed Out NO Anchor Length 12 ft. Size_4.1/2-FH Main Hole Size 7.7/8 Tool Joint Size_4.1/2 XH_ in. Surface Choke Size_1 in. Bottom Choke Size_5/8 Blow: 1st Open: SSB, INTERMITTENTLY BUILT TO 3'' (NO BB) Intermediate Recovered_177 ft. of VSOSGMW 58% WTR, ~42% MUD, A FEW SPOTS OF OIL, SOME GASSY BUBBLES Recovered ft. of Recovered_ft. of Price Job Recovered_ft. of Recovered ft. of PH: 7.0 Price Job Price Job Insurance Recovered ft. of CHLOR: 47,000 PPM Other Charges Insurance Insurance Insurance Insurance Insura	Bottom Recorder Depth (Outside) 4684_ft.	Recorder Number 0063 Cap. 5,0	⁰⁰ _P.S.I.				
Weight 8.5 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 Chlorides 3,500 P.P.M. Dritt Pipe Length 4384 ft. I.D. 3 1/2 Jars: Make SterkLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF Did Well Flow? NO Reversed Out NO Anchor Length 12 ft. Size 4 1/2-FH Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 Blow: 1st Open: SSB, INTERMITTENTLY BUILT TO 3" (NO BB) Intervention Recovered 177 ft. of VSOSGMW 58% WTR, ~42% MUD, A FEW SPOTS OF OIL, SOME GASSY BUBBLES Recovered 177 ft. of TOTAL FLUID Recovered ft. of Recovered ft. of Recovered ft. of PH: 7.0 Price Job Other Charges Recovered ft. of CHLOR: 47,000 PPM Other Charges Insurance TOOL SAMPLE: ~100% WTR W/ A VERY THIN SCUM OF OIL SOME GASSY BUBBLES Total <td>Below Straddle Recorder Depthft.</td> <td>Recorder NumberCap</td> <td> P.S.I.</td>	Below Straddle Recorder Depthft.	Recorder NumberCap	P.S.I.				
Chlorides 3,500 P.P.M. Drill Pipe Length 4384 ft. I.D. 3 1/2 Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF Did Well Flow? NO Reversed Out NO Anchor Length 12 ft. Size 4 1/2-FH Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 Blow: 1st Open: SSB, INTERMITTENTLY BUILT TO 3" (NO BB) (NO BB) 100 Open: NO BLOW (NO BB) 100 Open: NO BLOW (NO BB) 100 Open: NO BLOW	Mud Type CHEM Viscosity 64	Drill Collar Length 266 ft. I.D. 2 1	<u>/4</u> in.				
Jars: Make_STERLING_Serial Number3Test Tool Length32 ft. Tool Size3 1/2-IF Did Well Flow?NOReversed OutNOAnchor Length12 ft. Size4 1/2-FH Main Hole Size7 7/8Tool Joint Size4 1/2 XH _in. Surface Choke Size1 in. Bottom Choke Size _5/8 Blow: 1st Open: SSB, INTERMITTENTLY BUILT TO 3"(NO BB) 2nd Open: NO BLOW(NO BB) Recovered7 ft. ofVSOSGMW 58% WTR, ~42% MUD, A FEW SPOTS OF OIL, SOME GASSY BUBBLES Recovered7 ft. of Recoveredft. of Recoveredft. of Recoveredft. of Recoveredft. of Recoveredft. of CHLOR: 47,000 PPM Remarks:RW: .26 @ 69 DEG TOOL SAMPLE: ~100% WTR W/ A VERY THIN SCUM OF OIL SOME GASSY BUBBLES Time Set Packer(s)6:30 P.MA.M. Time Started Off Bottom10:30 P.MA.M. P.M(A)2113 P.S.I. Initial Flow PeriodMinutes(D)39 P.S.I. to (C)66 P.S.I.			7 <u>/8</u> in				
Did Well Flow? NO Reversed Out NO Anchor Length 12 ft. Size 4 1/2-FH Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 Blow: 1st Open:SSB, INTERMITTENTLY BUILT TO 3" (NO BB) (NO BB) 2nd Open:NO BLOW (NO BB) Recovered 177 ft. of VSOSGMW 58% WTR, ~42% MUD, A FEW SPOTS OF OIL, SOME GASSY BUBBLES Recovered 17.7 ft. of TOTAL FLUID Recovered 17.0 TOTAL FLUID Price Job Price Job Price Job Recovered ft. of CHLOR: 47,000 PPM Other Charges Price Job Price Job </td <td>ChloridesP.P.M.</td> <td>Drill Pipe Length 4384 ft. I.D. 3 1</td> <td>/2ini</td>	ChloridesP.P.M.	Drill Pipe Length 4384 ft. I.D. 3 1	/2ini				
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 Blow: 1st Open: SSB, INTERMITTENTLY BUILT TO 3" (NO BB) Recovered 177 ft. of VSOSGMW 58% WTR, ~42% MUD, A FEW SPOTS OF OIL, SOME GASSY BUBBLES Recovered 177 ft. of TOTAL FLUID Recovered ft. of CHLOR: 47,000 PPM Other Charges Remarks: RW: .26 @ 69 DEG Insurance Tool SAMPLE: ~100% WTR W/ A VERY THIN SCUM OF OIL SOME GASSY BUBBLES Total Time Set Packer(s) 6:30 P.M. P.M. Time Started Off Bottom 10:30 P.M. P.M. <td< td=""><td>Jars: MakeSTERLINGSerial Number3</td><td> Test Tool Length 32 ft. Tool Size3 1</td><td><u>/2-IF</u>ini</td></td<>	Jars: MakeSTERLINGSerial Number3	Test Tool Length 32 ft. Tool Size3 1	<u>/2-IF</u> ini				
Blow: 1st Open: SSB, INTERMITTENTLY BUILT TO 3" (NO BB) 2nd Open: NO BLOW (NO BB) Recovered 177 ft. of VSOSGMW 58% WTR, ~42% MUD, A FEW SPOTS OF OIL, SOME GASSY BUBBLES Recovered 177 ft. of VSOSGMW 58% WTR, ~42% MUD, A FEW SPOTS OF OIL, SOME GASSY BUBBLES Recovered 177 ft. of TOTAL FLUID Recovered ft. of Remarks: RW: .26 @ 69 DEG TOOL SAMPLE: ~100% WTR W/ A VERY THIN SCUM OF OIL SOME GASSY BUBBLES Total Time Set Packer(s) 6:30 P.M. P.M. P.M. Time Started Off Bottorn 10:30 P.M. A.M. P.M. Time Started Off Bottorn 10:30 P.M. Maximum Temperature 122°F Initial Hydrostatic Pressure Minutes 30 (B) 39 P.S.I. to (C) 66 Initial Flow Period Minutes 60 (D) 1357 P.S.I.	Did Well Flow? NO Reversed Out NO	Anchor Length 12_ft. Size 4_1	<u>/2-FH</u> in				
2nd Open: NO BLOW (NO BB) Recovered 177 ft. of VSOSGMW 58% WTR, ~42% MUD, A FEW SPOTS OF OIL, SOME GASSY BUBBLES Recovered 177 ft. of TOTAL FLUID Recovered ft. of	Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in	a. Surface Choke Size in. Bottom Choke S	ize <u>5/8</u> in				
Recovered 177 ft. of VSOSGMW 58% WTR, ~42% MUD, A FEW SPOTS OF OIL, SOME GASSY BUBBLES Recovered 177 ft. of TOTAL FLUID Recovered ft. of Price Job Other Charges Remarks: RW: .26 @ 69 DEG TOOL SAMPLE: ~100% WTR W/ A VERY THIN SCUM OF OIL SOME GASSY BUBBLES Total Time Set Packer(s) 6:30 P.M. P.M. P.M. Time Started Off Bottom 10:30 P.M. P.M. Initial Hydrostatic Pressure (A) 2113 p.s.t. 122°F Initial Flow Period Minutes 30 (B) 39 p.s.t. to (C) 66 p.s.t.	Blow: 1st Open: SSB, INTERMITTENTLY BUILT TO	3" (NO BB)					
Recovered 177 ft. of TOTAL FLUID Recovered ft. of	^{2nd Open:} NO BLOW (NO BB)						
Recovered ft. of Recovered ft. of Recovered ft. of PH: 7.0 Price Job Recovered ft. of PH: 7.0 Other Charges Recovered ft. of CHLOR: 47,000 PPM Other Charges Remarks: RW: .26 @ 69 DEG Insurance Insurance TOOL SAMPLE: ~100% WTR W/ A VERY THIN SCUM OF OIL SOME GASSY BUBBLES Total Time Set Packer(s) 6:30 P.M. A.M. P.M. Time Started Off Bottom 10:30 P.M. A.M. P.M. Minutes 30 (B) 39 P.S.I. to (C) 66 P.S.I. Initial Flow Period Minutes 60 (D) 1357	Recovered177 ft. of VSOSGMW 58% WTR, ~42% MUD, A F	FEW SPOTS OF OIL, SOME GASSY BUBBLES					
Recovered ft. of PH: 7.0 Price Job Recovered ft. of CHLOR: 47,000 PPM Other Charges Remarks: RW: .26 @ 69 DEG insurance TOOL SAMPLE: ~100% WTR W/ A VERY THIN SCUM OF OIL SOME GASSY BUBBLES Total Time Set Packer(s) 6:30 P.M. P.M. Time Started Off Bottom 10:30 P.M. P.M. 122°F Initial Hydrostatic Pressure Minutes 30 (B) 39 P.S.I. to (C) 66 P.S.I. Initial Closed In Period Minutes 60 (D) 1357 P.S.I.	Recovered 177 ft. of TOTAL FLUID						
Recovered ft. of PH: 7.0 Price Job Recovered ft. of CHLOR: 47,000 PPM Other Charges Remarks: RW: .26 @ 69 DEG Insurance TOOL SAMPLE: ~100% WTR W/ A VERY THIN SCUM OF OIL SOME GASSY BUBBLES Total Time Set Packer(s) 6:30 P.M. A.M. P.M. Time Started Off Bottom 10:30 P.M. A.M. P.M. 122°F Initial Hydrostatic Pressure Minutes 30 (B) 39 P.S.I. to (C) 66 P.S.I. Initial Closed In Period Minutes 60 (D) 1357 P.S.I. 66	Recoveredft. of						
Recovered ft. of PH: 7.0 Price Job Recovered ft. of CHLOR: 47,000 PPM Other Charges Remarks: RW: .26 @ 69 DEG Insurance TOOL SAMPLE: ~100% WTR W/ A VERY THIN SCUM OF OIL SOME GASSY BUBBLES Total Time Set Packer(s) 6:30 P.M. A.M. P.M. Time Started Off Bottom 10:30 P.M. A.M. P.M. 122°F Initial Hydrostatic Pressure Minutes 30 (B) 39 P.S.I. to (C) 66 P.S.I. Initial Closed In Period Minutes 60 (D) 1357 P.S.I. 66	Recoveredft. of						
Remarks: RW: .26 @ 69 DEG Insurance TOOL SAMPLE: ~100% WTR W/ A VERY THIN SCUM OF OIL SOME GASSY BUBBLES Total Time Set Packer(s) 6:30 P.M. A.M. P.M. 10:30 P.M. A.M. P.M. 122°F Initial Hydrostatic Pressure							
TOOL SAMPLE: ~100% WTR W/ A VERY THIN SCUM OF OIL SOME GASSY BUBBLES Total Time Set Packer(s) 6:30 P.M. A.M. P.M. Time Started Off Bottom 10:30 P.M. A.M. P.M. Time Started Off Bottom 10:30 P.M. A.M. P.M. Time Started Off Bottom 10:30 P.M. A.M. P.M. Maximum Temperature 122°F Initial Hydrostatic Pressure (A) 2113 P.S.I. Maximum Temperature 122°F Initial Flow Period Minutes 30 (B) 39 P.S.I. 66 P.S.I. Initial Closed In Period Minutes 60 (D) 1357 P.S.I. 5.1.	Recoveredft. of CHLOR: 47,000 PPM	Other Charges					
A.M.	Remarks: RW: .26 @ 69 DEG	Insurance					
A.M.							
Time Set Packer(s) 6:30 P.IVI. P.M. Time Started Off Bottom 10:30 P.IVI. P.M. Maximum Temperature 122 F Initial Hydrostatic Pressure (A) 2113 P.S.I. Initial Flow Period Minutes 30 (B) 39 P.S.I. to (C) 66 P.S.I. Initial Closed In Period Minutes 60 (D) 1357 P.S.I.		A 14					
Initial Flow Period Minutes 30 39 P.S.I. to (C) 66 P.S.I. Initial Closed In Period Minutes 60 (D) 1357 P.S.I.	Time Set Packer(s) 6:30 P.M. P.M. Time Started Off	Bottom10:30 P.MP.M. Maximum Temperature	122°F				
Initial Plow Period	Initial Hydrostatic Pressure	(A) 2113 P.S.L					
	Initial Flow Period Minutes 30	D (B) 39 P.S.I. to (C) 66	P.S.I.				
Final Flow Period							
	Final Flow Period		P.S.I.				
Final Closed In PeriodMinutes120 (G)1350 P.S.I.	Final Closed In Period						
Final Hydrostatic Pressure(H) 2089 P.S.I.	Final Hydrostatic Pressure						

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name Well Name Unique Well ID Surface Location Field Well Type RAYDON EXPLORATION, INC. Job Number K&G #1-29 Representative DST#3 4682-4694 UPPER MARMATON Well Operator SEC.29-27S-32W HASKELL CO.KS. Report Date WILDCAT Prepared By Vertical Qualified By Test Unit

M790 MIKE COCHRAN RAYDON EXPLORATION, INC. 2015/09/03 MIKE COCHRAN EDWIN H. GRIEVES NO. 3

Test Information

Test Type	CONVENTIONAL
Formation	DST#3 4682-4694 UPPER MARMATON
Test Purpose (AEUB)	Initial Test

Start Test Date Final Test Date 2015/09/02 Start Test Time 2015/09/03 Final Test Time Well Fluid Type

5448

15:45:00 01:30:00 01 Oil

Gauge Name Gauge Serial Number

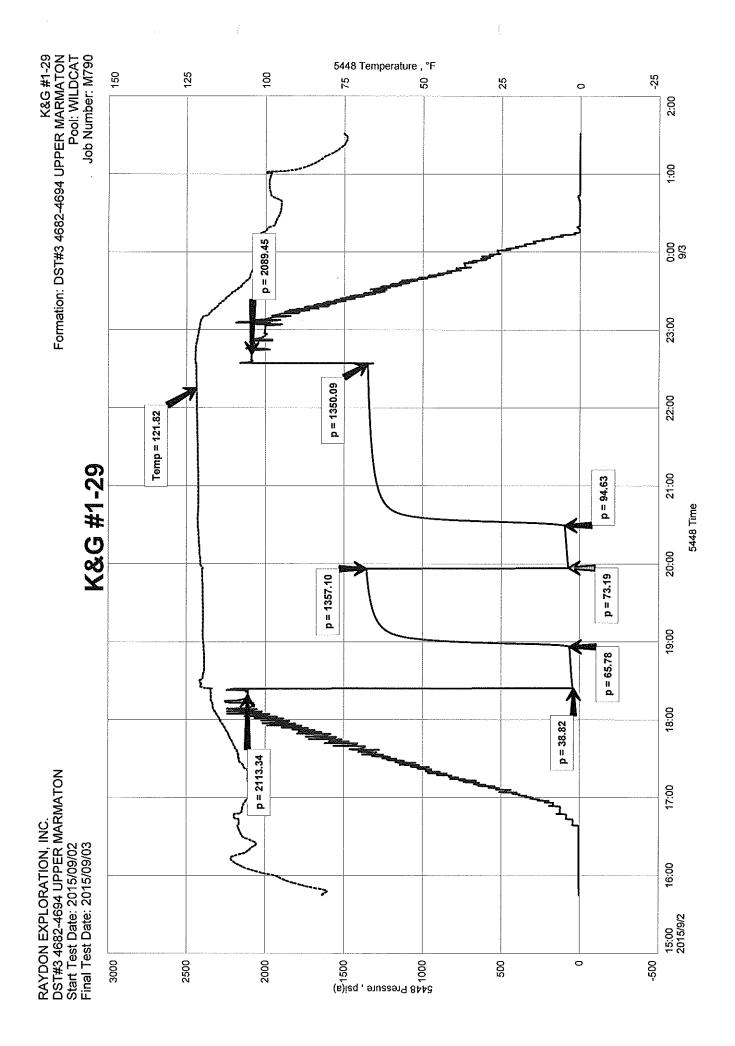
Test Results

Remarks RECOVERED:

177' VSOSGMW 58% WTR, ~42% MUD, A FEW SPOTS OF OIL, SOME GASSY BUBBLES 177' TOTAL FLUID

CHLOR: 47,000 PPM PH:7.0 RW: .26 @ 69 DEG

TOOL SAMPLE: ~100% WTR W/ A VERY THIN SCUM OF OIL SOME GASSY BUBBLES



C:/UsersiRoger Friedly/Documents/aMiKEDST\K&G #1-29\K&G1-29DST3\K&G1-29DST3CHT.FKT 03-Sep-15 Ver

Fast



DIAMOND TESTING P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313 DRILL-STEM TEST TICKET FILE: K&G1-29DST4

TIME ON: 1345 (9/3) TIME OFF: 0130 (9/4)

Company RAYDON EXPLORATION, INC.	Lease & Well No. K&G #1-29	
	Charge to RAYDON EXPLORATION, INC.	
	DN Effective PayFt. Ticket NoM791	
Date 9/3/2015 Sec. 29 Twp. 27 S R		AS
Test Approved By EDWIN H. GRIEVES	Diamond Representative MIKE COCHRAN	
Formation Test No4 Interval Tested from4		ft.
Packer Depth 4709 ft. Size 6 3/4 in.	Packer depth NA ft. Size6 3/4 in.	
Packer Depth 4714 ft. Size 6 3/4 in.	Packer depth NA_ft. Size6_3/4in.	
Depth of Selective Zone Set		
Top Recorder Depth (Inside) 4696 ft.	Recorder Number 5448 Cap. 5,000 P.S.I.	
Bottom Recorder Depth (Outside)ft.	Recorder Number0063_Cap5,000_P.S.I.	
Below Straddle Recorder Depthft.	Recorder Number Cap P.S.I.	
Mud TypeCHEMViscosity58	Drill Collar Length266 ft. I.D2 1/4	
	. Weight Pipe Length0_ft. I.D2 7/8	
Chlorides 6,400 P.P.M.	Drill Pipe Length 4416 ft. I.D 3 1/2	in
Jars: Make STERLING Serial Number 3	Test Tool Length 32 ft. Tool Size 3 1/2-IF	_ in
Did Well Flow?NONONONO	Anchor Length 26 ft. Size 4 1/2-FH	_ in
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in.	Surface Choke Size1 in. Bottom Choke Size_5/8	_in
Blow: 1st Open: GSB, BOB 5 MIN (4" BB)		
^{2nd Open:} SSB, BOB 6½ MIN (8" BB)		
Recovered 1112 ft. of GIP GR	AVITY: 28.2 @ 60°	—
Recovered 15 ft. of CO 100% OIL		
Recovered94 ft. of OCGMW 39% GAS, 16% OIL, 25% W	/TR, 20% MUD	
Recovered 360 ft. of MW 97% WTR, 3% MUD W/A SCUM	OF OIL (94'DP, 266' DC)	
Recoveredfl. ofTOTAL FLUID	Price Job	
Recoveredft. of CHLOR: 94,000 PPM PH: 7.0	O Other Charges	
Remarks: RW: .15 @ 62 DEG	Insurance	
TOOL SLID 10'		
TOOL SAMPLE: 50% OIL, 50% WTR	Total	
Time Set Packer(s) 4:30 P.M. A.M. P.M. Time Started Off Bo	ottom 9:00 P.M. P.M. Maximum Temperature 126°F	
Initial Hydrostatic Pressure	(A) <u>2142</u> P.S.I.	
Initial Flow Period	(B)34 P.S.I. to (C)127 P.S.I.	
Initial Closed In Period Minutes 60	(D)1295 P.S.I.	
Final Flow Period	(E)139 P.S.I. to (F)232 P.S.I.	
Final Closed In Period	(G)1309 P.S.I.	
Final Hydrostatic Pressure	(H) 2078 P.S.I.	

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

DIAMOND **TESTING**

Pressure Survey Report

13:45:00

01:30:00

01 Oil

General Information

Company Name	RAYDON EXPLORATION, INC.	Job Number	M791
Well Name	K&G #1-29	Representative	MIKE COCHRAN
Unique Well ID	DST#4 4714-4740 MARMATON	Well Operator	RAYDON EXPLORATION, INC.
Surface Location	SEC.29-27S-32W HASKELL CO.KS.	Report Date	2015/09/03
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	EDWIN H. GRIEVES
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL
Formation	DST#4 4714-4740 MARMATON
Test Purpose (AEUB)	Initial Test

Start Test Date **Final Test Date**

2015/09/03 Start Test Time 2015/09/03 Final Test Time Well Fluid Type

5448

Gauge Name Gauge Serial Number

Test Results

Remarks RECOVERED:

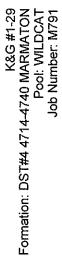
1112' GIP 15' CO 100% OIL 94' OCGMW 39% GAS, 16% OIL, 25% WTR, 20% MUD 360' MW 97% WTR, 3% MUD W/A SCUM OF OIL (94'DP, 266' DC) 360' TOTAL FLUID

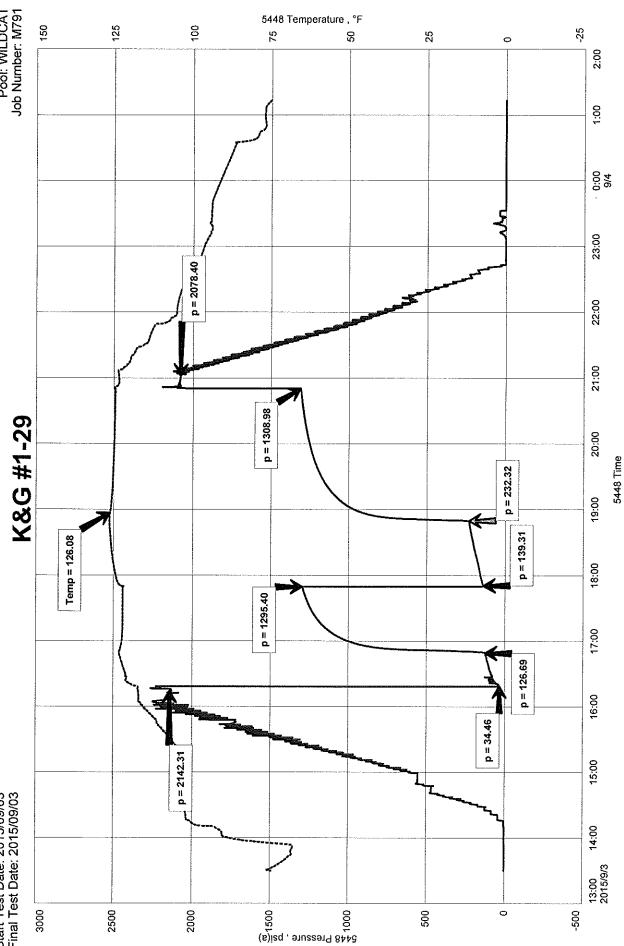
GRAVITY: 28.2 @ 60 DEG

CHLOR: 94,000 PPM PH:7.0 RW: .15 @ 62 DEG

TOOL SAMPLE: 50% OIL, 50% WTR



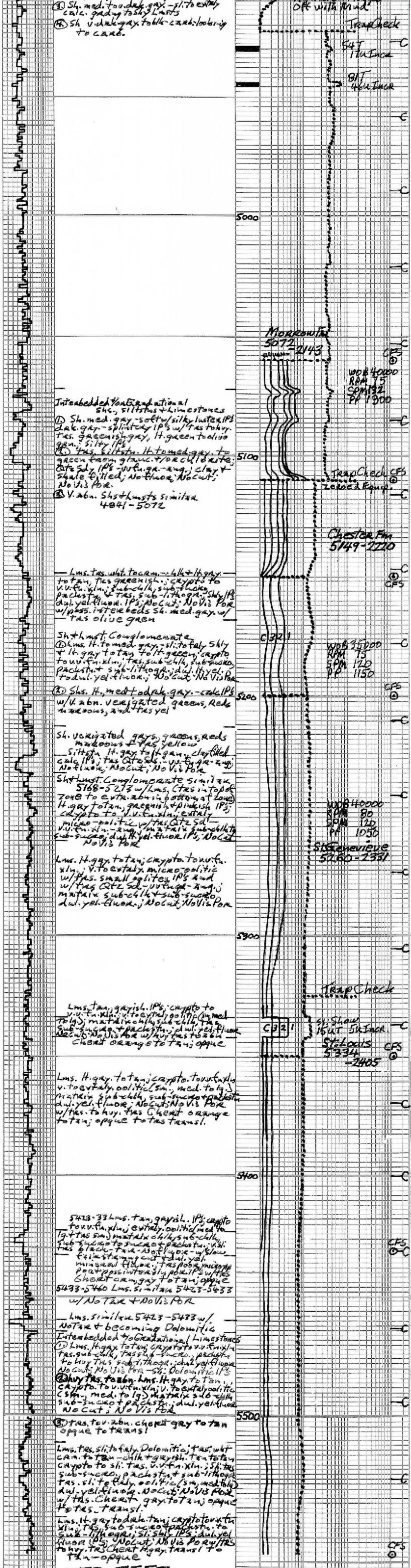




Tast Bet

SAMPLES EXAMINED FROM 3900 SAMPLES RTD 9 Base Heebner Torente FORMATION TOPS GEOLOGIST ON No. of DST'S FOLL NO. of CORES None SEC. 22 TWP GEOLOGICAL SUPERVISION FROM 3700 DRILLING TIME KEPT FROM 3900 COMM. 8-24-2015 COMP. CONTRACTOR Quest Dela Rig # 102 FIELD. COUNTY Haskel LOCATION 990'FNL COMPA NY Steenevieve Lansing Fin Kansas City Stlowis **BSE** Norkau hester Asmaton herokee Lesser. Scott 5557 えから GEOLOGIST'S Wildcat, STATE Kansas Raydon Exploration, Inc SAVED FROM 3900 DRILLING TIME ₩ELL 27 5072 5334 50 222 + 1290'FWL 5557 Edwin H. GRIEVES 9-9-2015 5557 RNG. 32W Ø SAMPLE 2403 2934 LI 47 1151 18.94 68551605 \overline{O} ور مرجع 10 5 BYB ASING RECORD APT#15-081-22/22 DEN MENTAK Caliper 127 MEASUREMENTS 40 6 Mr. Sonic s C 70 106 0 1 D F $\mathbf{X}_{\mathbf{G}}$ ELEVATION 41 LOGAO HES <u>1919</u> 2918 2918 ر محتاظ محتاظ محتاظ N 0 同い E. SP. 66 00 PRE 1 69 14 -01 3-1 191 191 so M 1-888-543-8378) had an unmanned g ell from 3900 feet to total depth REMARKS Easth gas detection -Tech trailer this well on Ware. Ge LITHOLOGY CHROMATD CRAPH ::::::SANDSTONE ST3TOME LAMESTEME 200 HOT WIRE BY = .CDA DOLOMITE = BUTANE SHEE OBANITE MASH TOTAL GAS VOLLAVE = IQCHENTANE A CHERT = PENTANÉ ANN 8 GYP **DRILL TIME** GAS SCALE SAMPLE DESCRIPTION SCALE 10 100 1000 Bit TRID 18 3900 TRIDANS HH 1111 c 2 1 3942-4074 Interbedded Limestones u/faster dala having phaston oolicastic IP's to sl. tov. 26n oolicastic IP's whuy tres cheat from 4061 - 4074 grytotanjoppue 1008 35000 RAM 80 SAM 720 PA 850 TRAPCHECK 4000 1111 WOB RPM FM 2 a 35000 80 120 900 Base Heedner tta. 4079-1150 CHSN . B14 Sh 1744 Sh. v. dak. gay to black - carb. Sh.H.gay to H.green, V. Softmushy when wet Toronto 4090-1161 Lms. tas. wht. to CRM. - chih + tak, gapsh 183 tas. caypto. to v. v. f. xia. tas. sub - chik; sub-sucro. to v. sucro. + tas. pzckstn. 4100 dul.yel. to d. 1. 11. yel. fluor; Nolut; zba. pr to fR. + hvy. tas. gatotes. excel. p.p., micko pp + interview. por. 012 Interbedded Limestones + Shales OLMS. H.gry. totan; caypto tover a. x/n Sub-chik. sub-sucho totas sucho + paceta dui, yef. todul. H. yel. ficcor; Nocut; Widely scatteredslites. pr. micro-pp Por. +++1 Lansing Fm 4157 1228 -C12113 RPM SPM PP 38000 120 950 Lons. gryish tan totanj Crypto. XIn.; trs Sub-chik, Pachesta. + tres sub-lithogr; Dul yel. dul. H. yel. totas H. yel. fluer; NoCut; NoVis Por TRAP Chepk Lms. H. gry. totan; Crypto totas v. v. tinsta tres. chile, tres. sub-gacko + packosta; dwl. yet to dwl. It. yel. fluor, Nolut tres. phantom oblitic; No Vis for Lms. Similare 4226-4247 w/huytas to vaba. wht to cram-chile TTT 1000 H

-4	Loss. H. tomed gay - si: to fall, Shirtogayatta to tan; carpeto, to tas. U. f. king tas. sub-chile tas sub-succes and pachestin; dul yel timor. 115; Nocut No Vis Por	
	packstry, duly yel-fluor. 185; Nocut	
	Novis Por	
5	the tax white an article + 14. tantotan	4300 This Check I - C
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 H Cake 1/32 1/32 pH 11.5 12.2 Ch1 3200 3100 Cal BO 80 LCM 6.2 8.2 1/32 11.5 12.0 12.0 Chi 3200 3400 2800 80 80 LCM 6.º 8.º 4.º DEBATOR Raydon Exploration, Inc. LEASE KTG NO. 1-29 ELEVATION 2929KB ATD 5557 LUGA TON 990'FNL+ 2290'FWL 29 THF. 275 RNG. 32W SEC STATE KANSES Haskell <u>ិលស្ត្</u>រ។

Customer	Liberal	, Kansas		Lease No.		Date	Cement Report
Customer Raydon Exp.				Well # ₽/- ,	79	Service Rece	int
K	4 G	Depth 11 c	the second se	0	1 11	Ciala	1717 05469 A
Casing 85/2 Job Type		Depth 16 g	Formation	Flo	skell	and Description	
Job Type Z	42 Sur	face			1		7 32
Conina sina	-514	Pipe I	Tubing Size		Pe	erforating Data	Cement Data
	8 5/8" 2.	4+	Depth		From	Shots/Ft	Lead'A.Con'Blend
Depth 16 8	32.21		Volume		From	То	G3/
	4.629	4661			From	То	2.9575k 18.105/3
Max Press			Max Press			То	Tail in Premium Plus 150sk Cement
	P.C.		Annulus Vol.		From		
Plug Depth	1639.9	6'	Packer Depth		From	То	1.34 F13/sk 6.33 9
Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate		Servic	ce Log
20:15					Call	Out	
23:15					T	ocation	10 ÷
23:45					Safet	, Meeting w/	BESpersonnel
24/00				4	Ric Up		
4.00				(e)		nrigtrun f	loat equis.
5:15					-		en BES. equip.
5:30					B. U-	Cement He	/
5.00				-	Circu		5 <i>C</i> .
6:00	-		1		T	re lest to	1800
:04	180		210,166/s/um	, 5,5		Lead	
<u> </u>					Pump T		
6:50	180		35.7 bblslurn	//_/_//	P P		I Le I P
7:00			10	£ /	Dial	in Drop Plug.	wash ramp
	50		10	5.6	Displa		
	50		20	5.6			
	100		30 40	5.6			
	100		lt	5.6		ale y a success of ^{the second se}	
	180		50	5.8			
	250		60	5.6			
	300		70	5.5			
	400		80	5.3			
	450		90	5.2	51	2	
	430		94	2.0	Slow		
7:30	900		104.6	0	Land	Plug No Ler	nent Returns
Service Units	789	38	38117/199193	504631	37547 2	7808/19983	
Driver Name:	Dani	el		Hector		lector R.	

Clint Andrews Customer Representative

Tyce Davis Station Manager

iel Bed Cementer

Taylor Printing, Inc.

(\mathbf{R})	BASIC	
G	ENERGY SERVICES Liberal, Kansas	
Customer		

Cement Report

Lease 11 1			2	Lease No.		Date	Date 9-9-15		
K + G			×	Well # 1-29		Service Receipt			
Casing 51/2" 15.5# Depth 4950f			150++	County Sen		rand K		Ks.	
Job Type 242 Production Formation						Legal Description	on 29 .	27 32	
		Pipe	Data			Perforatin		Cement Data	
Casing size	51/2" 15	.5#	Tubing Size			Shots/Ft		Lead 'A-Con'B 150sk	lend
Depth 40	950ft		Depth	From		То	78		
Volume //	16.81 5	51	Volume		From		То	2.93 Ft3/sk 18.	00901
Max Press	7500	psi	Max Press		From		То	2,93 ^{ft} /sk 18. Tail in AA2	
Well Connec	DI	/	Annulus Vol.		From		То		1
Plug Depth	4908	r	Packer Depth		From	a s	To 1.51 5t 5k 6.6459		
Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate			Servic	e Log	
8:30					Cal	1 Out			
12:50					On	Locatio	n	ў эл	
13:00					Safe	ety Mee	ting w	1 BES employe	es
13:15				-	Wai-	t on rig	trunt	1 BES employe	it
18:45	-				Kig Up + Circulate				
21:15					Pliang Pressure Test to			st to	
			11.9661		Pump Super Flush I				
			26.651			ent Rat			
21:35	280	ka Antonio Antonio	52.1661	6.1	Pum	p Scar	1enger		
21:50	150		26.8661		Pum	o Tail	~		
22:00					Shute	down/h	lash Pur	mp/ Drop Plug	
22:05	100	Ģ.,	10	6.5	Disp				
	100		20	6.5					
	100		30	6.5				·····	
	100		40	6.5					
	100		50	6.5					
	100		60	6.5					
	100	-	70	6.5					
	250		80	6.4					
	450		90	6.4					
	700		100	5.5					
	750	1 × 1	105	2.0	510 m	1 Rate			
	1500		116.8	0	Fress	ureup, Ro	eleaset	Back Float Held	
Service Units	101			14354/3	7725			Compk	ete
Driver Names	Dani	el	Rogelio	Mario					

Clint Andrews Customer Representative

Tyce Davis Station Manager

niel Bec JO Cementer Taylor Printing, Inc.