



Confidentiality Requested:

Yes No

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

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

API No.: _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No TCores aken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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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 Resistivity 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	Top	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

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/operatorEditDetail.cfm?docID=1268503	../..kcc/detail/operatorEditDetail.cfm?docID=1273856



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1268503
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

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

API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

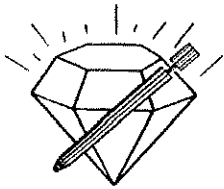
AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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



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 EXPLORATION, INC.
Elevation 2917 GL Formation KANSAS CITY "B" Effective Pay _____ Ft. Ticket No. M788
Date 8/9/2015 Sec. 29 Twp. _____ 27 S Range _____ 32 W County HASKELL State KANSAS
Test Approved By EDWIN H. GRIEVES Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 4588 ft. to 4606 ft. Total Depth 4606 ft.
Packer Depth 4583 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4588 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 4570 ft. Recorder Number _____ 5448 Cap. _____ 5,000 P.S.I.
Bottom Recorder Depth (Outside) _____ 4590 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 72 Drill Collar Length 266 ft. I.D. 2 1/4 in.
Weight 8.9 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,800 P.P.M. Drill Pipe Length 4290 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? NO Reversed Out NO 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 Size 1 in. Bottom Choke Size 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°
Recovered ~2108 ft. of GO ~10% GAS, ~90% OIL (~30 BBL)
Recovered 359 ft. of MGO 30% GAS, 60% EMULSIFIED OIL, 10% MUD (93' DP, 266' DC)
Recovered 4556 ft. of TOTAL FLUID & GAS

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>SEE ATTACHED GAS REPORT.FINAL FLOW (EST) 9.35 MCF/D @31" OF H2O</u>	Insurance
<u>DROPPED BAR @ ~4600</u>	
TOOL SAMPLE:	Total

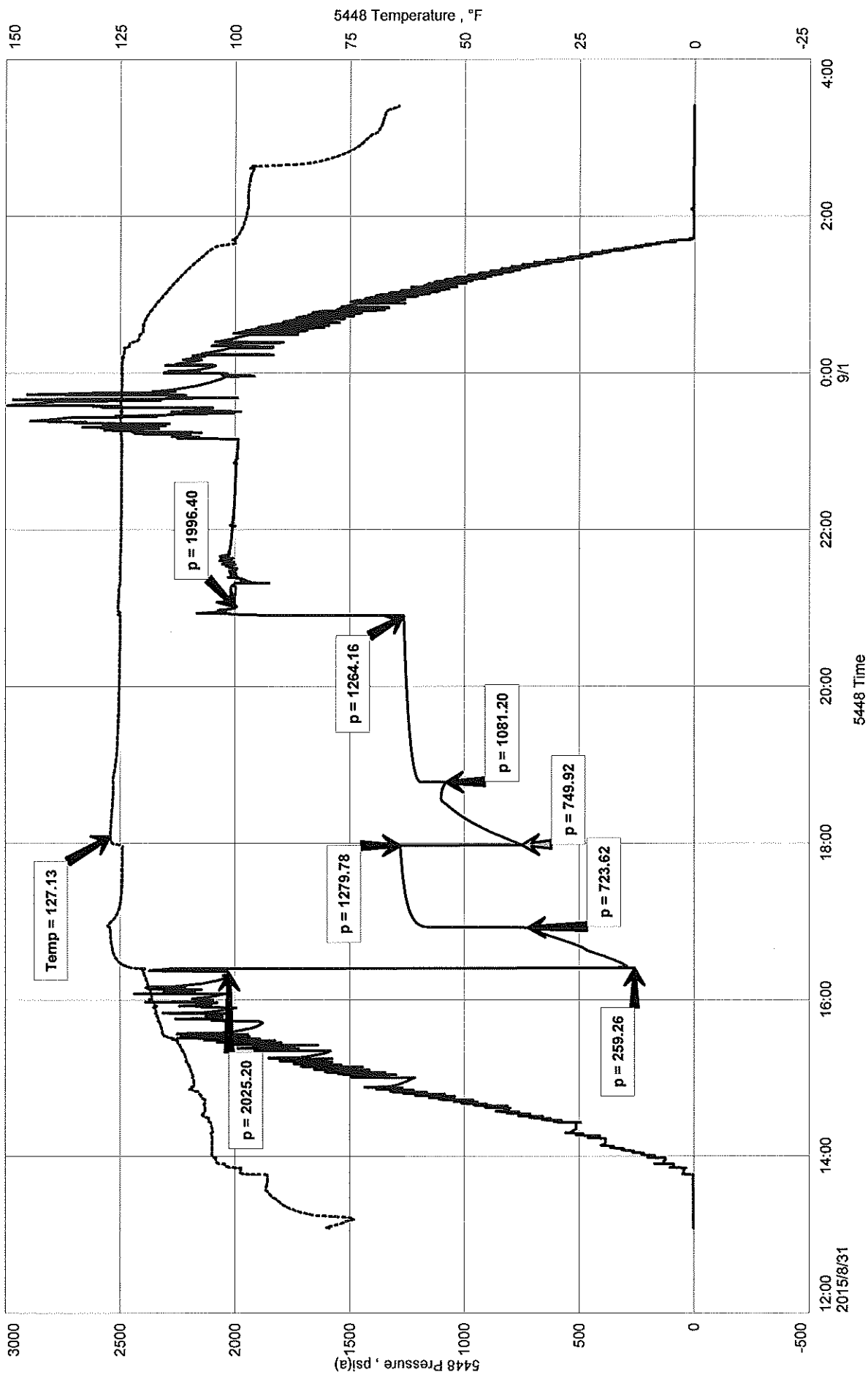
Time Set Packer(s) 4:30 P.M. A.M. _____ P.M. _____ Time Started Off Bottom 8:45 P.M. A.M. _____ P.M. _____ Maximum Temperature 127°F
Initial Hydrostatic Pressure..... (A) 2025 P.S.I.
Initial Flow Period..... Minutes 30 (B) 259 P.S.I. to (C) 724 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1280 P.S.I.
Final Flow Period..... Minutes 45 (E) 750 P.S.I. to (F) 1081 P.S.I.
Final Closed In Period..... Minutes 120 (G) 1264 P.S.I.
Final Hydrostatic Pressure..... (H) 1996 P.S.I.

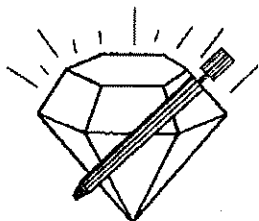
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

RAYDON EXPLORATION, INC.
DST#1 4588-4606 KANSAS CITY "B"
Start Test Date: 2015/08/31
Final Test Date: 2015/09/01

K&G #1-29
Formation: DST#1 4588-4606 KANSAS CITY "B"
Pool: WILDCAT
Job Number: M788

K&G #1-29





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

Company RAYDON EXPLORATION, INC. Lease & Well No. K&G #1-29
 Date 8/9/2015 Sec. 29 Twp. 27S Rge. 32W Location _____ County HASKELL State KS
 Drilling Contractor QUEST DRILLING 102 Formation KANSAS CITY "B" DST No. 1
 Remarks: GTS 14 MIN 1ST OPEN, GAS BURNED NICELY (ORANGE)
OIL TO SURFACE 31 MIN 2ND OPEN

INITIAL FLOW PSI

FINAL FLOW INCHES OF WTR

Time O'Clock	Orifice Size	Gauge	CF/D
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	

Time O'Clock	Orifice Size	Gauge	CF/D
	.25 in.	INCHES OF WTR in.	MCF/D
5 MIN	in.	15 in.	6.55
10 MIN.	in.	30 in.	9.2
15 MIN.	in.	31 in.	9.35
20 MIN.	in.	28-38 in.	8.89-10.4
30 MIN.	in.	24-34 in.	8.22-9.79
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	

SAMPLE TAKEN NO

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

DIAMOND TESTING

Pressure Survey Report

General Information

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

Test Information

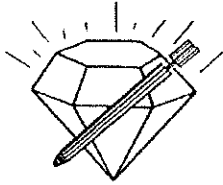
Test Type	CONVENTIONAL		
Formation	DST#1 4588-4606 KANSAS CITY "B"		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2015/08/31	Start Test Time	13:05:00
Final Test Date	2015/09/01	Final Test Time	03:25:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
~2089' GIP
~2108' GO ~10% GAS, ~90% OIL (~30 BBL)
359' GOCM 30% GAS, 60% EMULSIFIED OIL, 10% MUD (93' DP, 266' DC)
4556' TOTAL GAS & FLUID

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)

Company RAYDON EXPLORATION, INC. Lease & Well No. K&G #1-29
Contractor QUEST DRILLING 102 Charge to RAYDON EXPLORATION, INC.
Elevation 2917 GL Formation LOWER LANSING "B" Effective Pay _____ Ft. Ticket No. M789
Date 9/1/2015 Sec. 29 Twp. _____ 27 S Range _____ 32 W County HASKELL State KANSAS
Test Approved By EDWIN H. GRIEVES Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 4617 ft. to 4627 ft. Total Depth 4627 ft.
Packer Depth 4612 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4617 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4599 ft. Recorder Number 5448 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4619 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 70 Drill Collar Length 266 ft. I.D. 2 1/4 in.
Weight 8.5 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,000 P.P.M. Drill Pipe Length 4319 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? NO Reversed Out NO Anchor Length 10 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BUILT TO 7 1/4" (NO BB)
2nd Open: AFTER 7 MIN, A WSB BOB 35 MIN (NO BB)

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

Recovered _____ ft. of <u>PH: 7.0</u>	Price Job
Recovered _____ ft. of <u>CHLOR: 84,000 PPM</u>	Other Charges
Remarks: <u>RW: .21 @ 65 DEG</u>	Insurance
<u>~2' BTTM DC SLIGHTLY PLUGGED</u>	
<u>TOOL SAMPLE: ~100% WTR W/ A THIN SCUM OF OIL</u>	Total

Time Set Packer(s) 5:30 P.M. A.M. _____ P.M. _____ Time Started Off Bottom 10:00 P.M. A.M. _____ P.M. _____ Maximum Temperature 122°F

Initial Hydrostatic Pressure..... (A) 2056 P.S.I.
Initial Flow Period..... Minutes 30 (B) _____ 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	RAYDON EXPLORATION, INC.	Job Number	M789
Well Name	K&G #1-29	Representative	MIKE COCHRAN
Unique Well ID	DST#2 4616-4627 LOWER LANSING "B"	Well Operator	RAYDON EXPLORATION, INC.
Surface Location	SEC.29-27S-32W HASKELL CO.KS.	Report Date	2015/09/02
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#2 4616-4627 LOWER LANSING "B"
Test Purpose (AEUB)	Initial Test

Start Test Date	2015/09/01	Start Test Time	14:30:00
Final Test Date	2015/09/02	Final Test Time	01:20:00
		Well Fluid Type	01 OIL

Gauge Name	5448
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

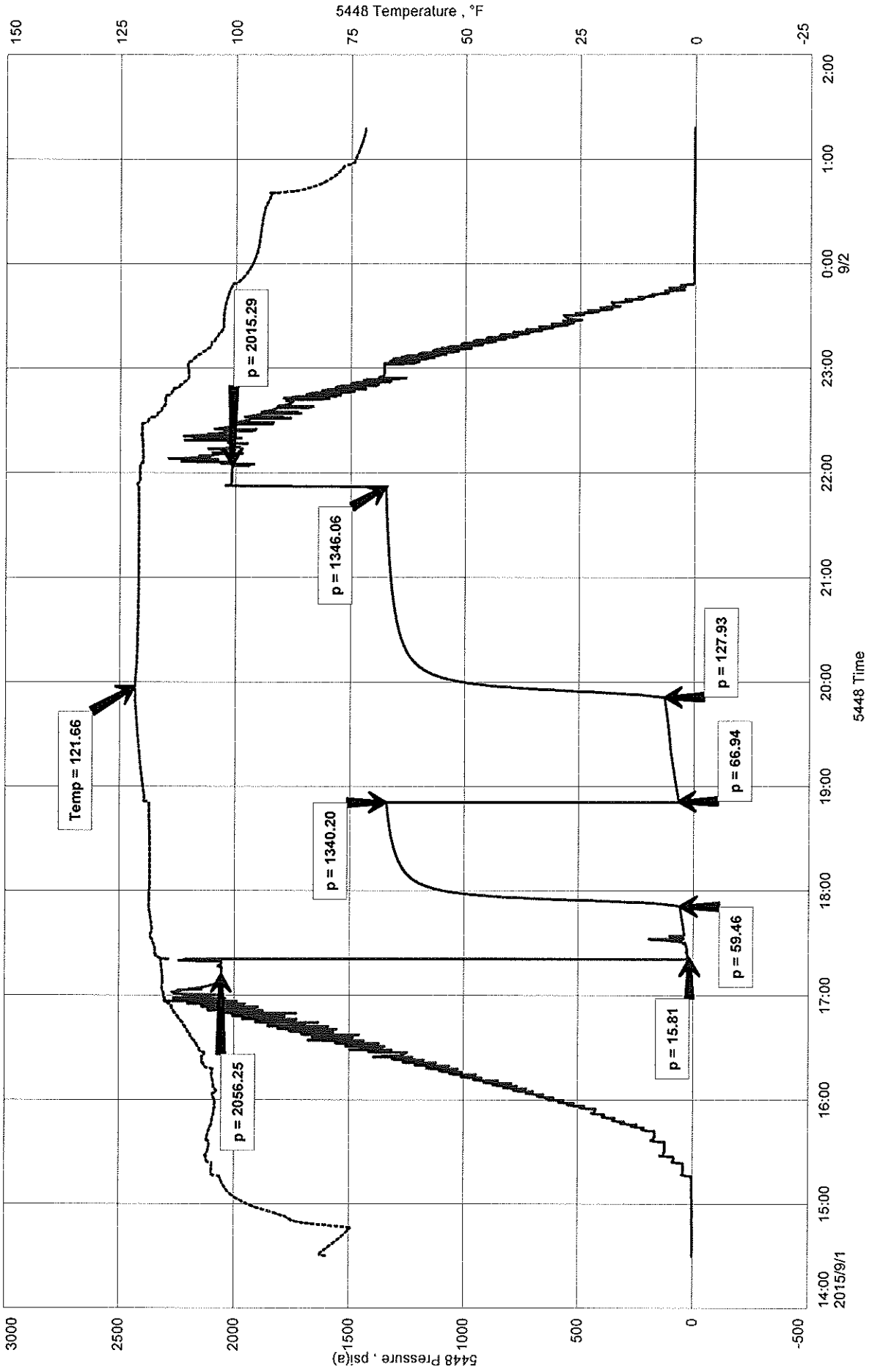
CHLOR: 84,000 PPM
PH: 7.0
RW: .21 @ 65 DEG

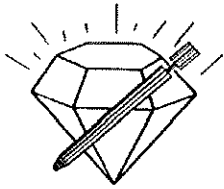
TOOL SAMPLE: ~100% WTR W/ A THIN SCUM OF OIL

RAYDON EXPLORATION, INC.
DST#2 4616-4627 LOWER LANSING "B"
Start Test Date: 2015/09/01
Final Test Date: 2015/09/01

K&G #1-29
Formation: DST#2 4616-4627 LOWER LANSING "B"
Pool: WILDCAT
Job Number: M789

K&G #1-29





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)

Company RAYDON EXPLORATION, INC. Lease & Well No. K&G #1-29
Contractor QUEST DRILLING 102 Charge to RAYDON EXPLORATION, INC.
Elevation 2917 GL Formation UPPER MARMATON Effective Pay _____ Ft. Ticket No. M790
Date 9/2/2015 Sec. 29 Twp. _____ 27 S Range _____ 32 W County HASKELL State KANSAS
Test Approved By EDWIN H. GRIEVES Diamond Representative MIKE COCHRAN

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 _____

Top Recorder Depth (Inside) 4664 ft. Recorder Number 5448 Cap. 5,000 P.S.I.
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 in.
Weight 8.5 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,500 P.P.M. Drill Pipe Length 4384 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? NO Reversed Out NO Anchor Length 12 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

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 TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. 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. 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.
Final Flow Period..... Minutes 30 (E) 73 P.S.I. to (F) 95 P.S.I.
Final Closed In Period..... Minutes 120 (G) 1350 P.S.I.
Final Hydrostatic Pressure..... (H) 2089 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	RAYDON EXPLORATION, INC.	Job Number	M790
Well Name	K&G #1-29	Representative	MIKE COCHRAN
Unique Well ID	DST#3 4682-4694 UPPER 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#3 4682-4694 UPPER MARMATON
Test Purpose (AEUB)	Initial Test

Start Test Date	2015/09/02	Start Test Time	15:45:00
Final Test Date	2015/09/03	Final Test Time	01:30:00
		Well Fluid Type	01 Oil

Gauge Name	5448
Gauge Serial Number	

Test Results

Remarks RECOVERED:

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

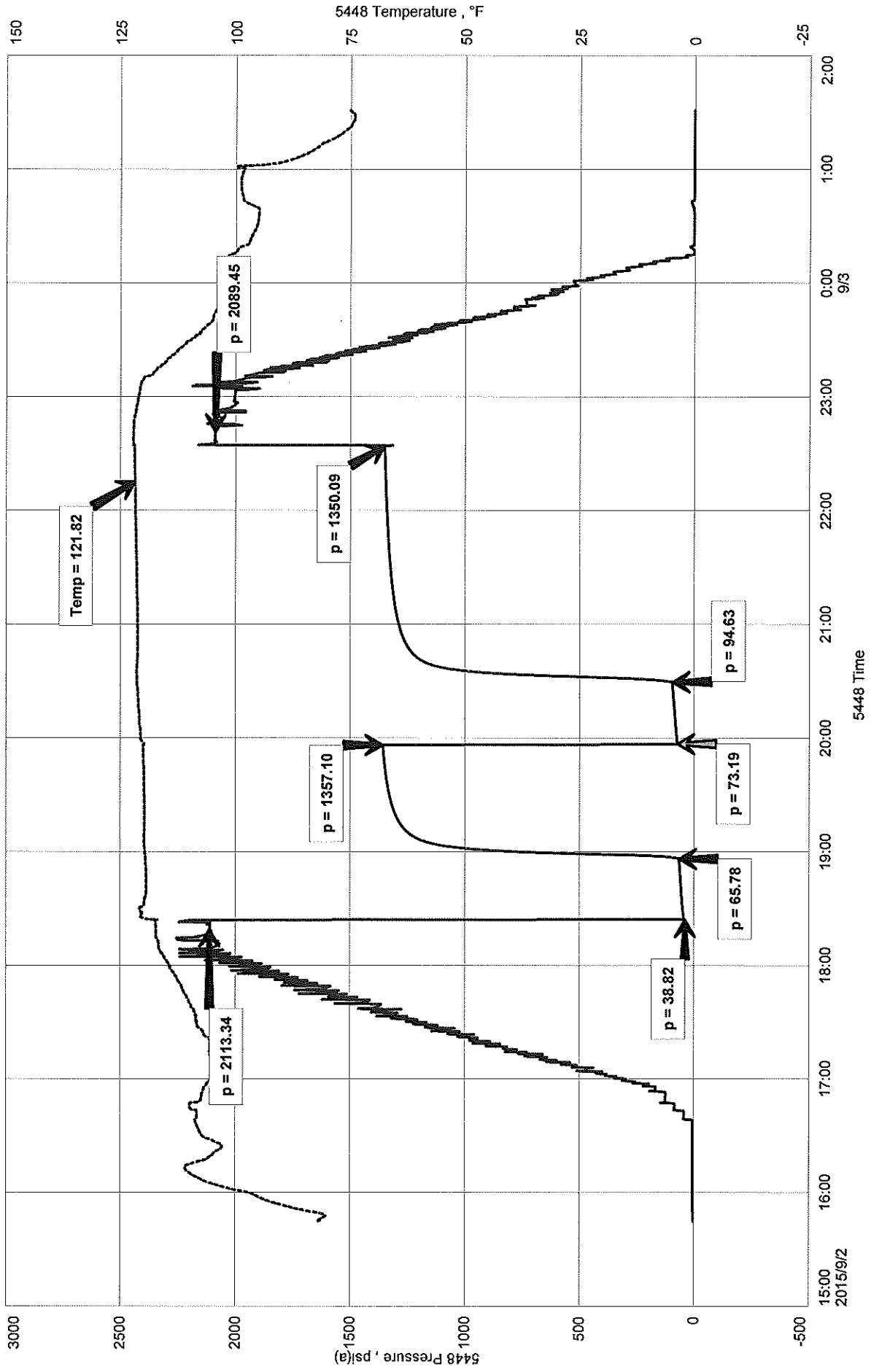
CHLOR: 47,000 PPM
PH:7.0
RW: .26 @ 69 DEG

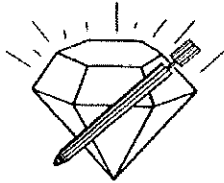
TOOL SAMPLE: ~100% WTR W/ A VERY THIN SCUM OF OIL SOME GASSY BUBBLES

RAYDON EXPLORATION, INC.
DST#3 4682-4694 UPPER MARMATON
Start Test Date: 2015/09/02
Final Test Date: 2015/09/03

K&G #1-29
Formation: DST#3 4682-4694 UPPER MARMATON
Pool: WILDCAT
Job Number: M790

K&G #1-29





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
Contractor QUEST DRILLING 102 Charge to RAYDON EXPLORATION, INC.
Elevation 2917 GL Formation MARMATON Effective Pay _____ Ft. Ticket No. M791
Date 9/3/2015 Sec. 29 Twp. 27 S Range 32 W County HASKELL State KANSAS
Test Approved By EDWIN H. GRIEVES Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 4714 ft. to 4740 ft. Total Depth 4740 ft.
Packer Depth 4709 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4714 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4696 ft. Recorder Number 5448 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4716 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 58 Drill Collar Length 266 ft. I.D. 2 1/4 in.
Weight 8.5 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
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? NO Reversed Out NO 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 Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: GSB, BOB 5 MIN (4" BB)
2nd Open: SSB, BOB 6 1/2 MIN (8" BB)

Recovered <u>1112</u> ft. of <u>GIP</u>	GRAVITY: 28.2 @ 60°
Recovered <u>15</u> ft. of <u>CO 100% OIL</u>	
Recovered <u>94</u> ft. of <u>OCCMW 39% GAS, 16% OIL, 25% WTR, 20% MUD</u>	
Recovered <u>360</u> ft. of <u>MW 97% WTR, 3% MUD W/A SCUM OF OIL (94'DP, 266' DC)</u>	
Recovered <u>469</u> ft. of <u>TOTAL FLUID</u>	Price Job
Recovered _____ ft. of <u>CHLOR: 94,000 PPM PH: 7.0</u>	Other Charges
Remarks: <u>RW: .15 @ 62 DEG</u>	Insurance
<u>TOOL SLID 10'</u>	
<u>TOOL SAMPLE: 50% OIL, 50% WTR</u>	Total

Time Set Packer(s) 4:30 P.M. A.M. P.M. Time Started Off Bottom 9:00 P.M. A.M. P.M. Maximum Temperature 126°F
Initial Hydrostatic Pressure..... (A) 2142 P.S.I.
Initial Flow Period..... Minutes 30 (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..... Minutes 30 (E) 139 P.S.I. to (F) 232 P.S.I.
Final Closed In Period..... Minutes 120 (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

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	2015/09/03	Start Test Time	13:45:00
Final Test Date	2015/09/03	Final Test Time	01:30:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
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

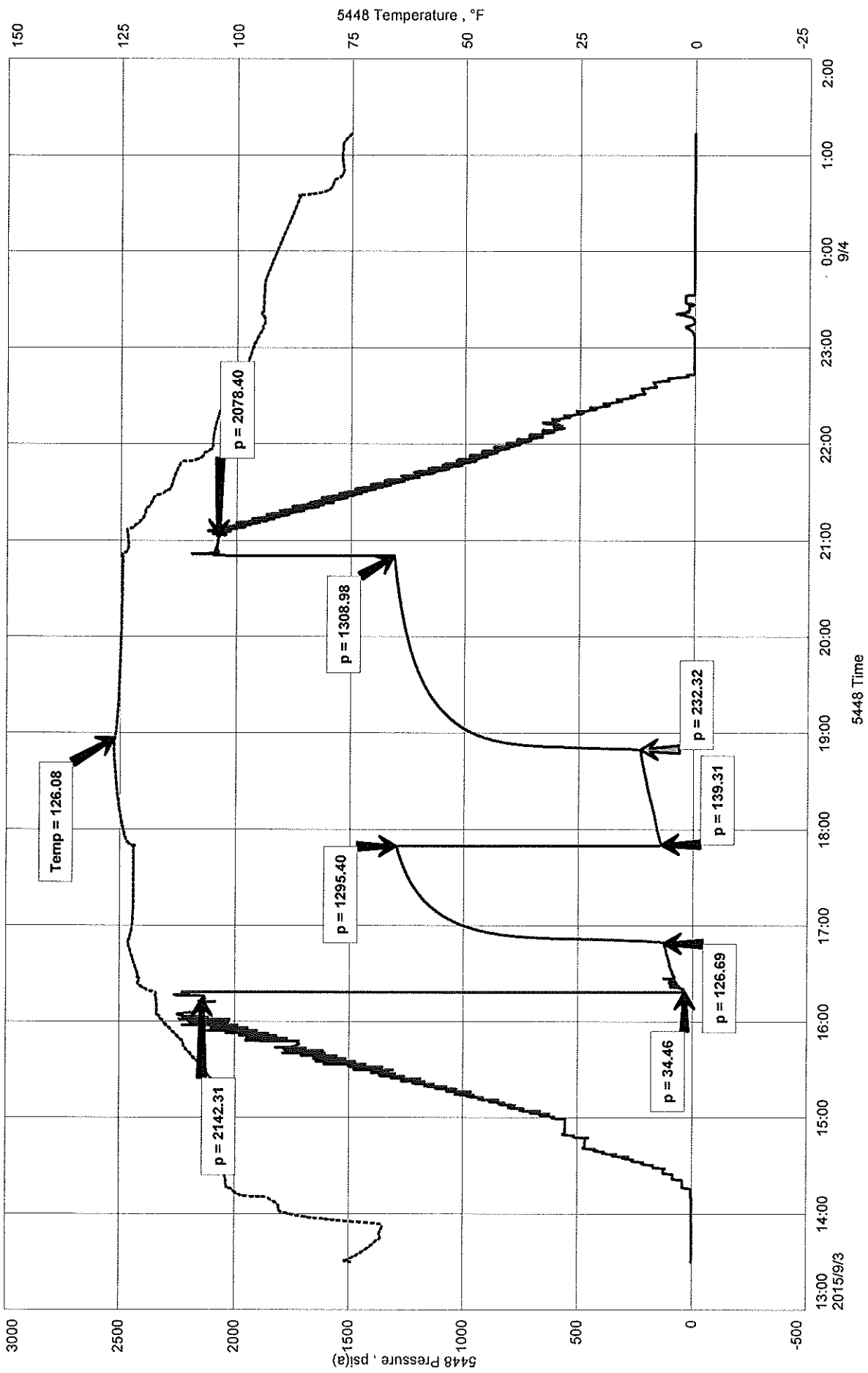
CHLOR: 94,000 PPM
PH:7.0
RW: .15 @ 62 DEG

TOOL SAMPLE: 50% OIL, 50% WTR

RAYDON EXPLORATION, INC.
 DST#4 4714-4740 MARMATON
 Start Test Date: 2015/09/03
 Final Test Date: 2015/09/03

K&G #1-29
 Formation: DST#4 4714-4740 MARMATON
 Pool: WILDCAT
 Job Number: M791

K&G #1-29



Geologists Report Form with fields for well name (Raydon Exploration, Inc), location (Haskell, Kansas), date (9-9-2015), and other well data.

REMARKS Earth Tech (1-888-543-8378) had a gas trailer on this well & ran 3300 feet to total depth.

Handwritten note: Thank you Edw. M. Geologists

LITHOLOGY and CHRONOLOGICAL STRATIGRAPHY

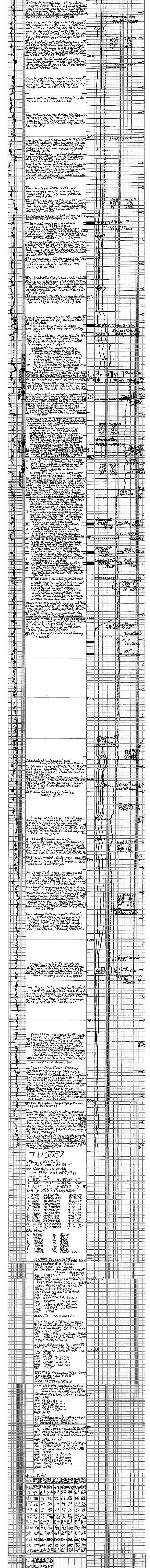


Table with columns for Operation, Lease, Elevation, and other well parameters.

Table with columns for DST#1 Kansas City, DST#2 L.R.C., DST#3 H.A., and other well test data.

Table with columns for Mud Info, including wellbore diameter, depth, and other drilling parameters.

Cement Report

Customer <i>Raydon Exp.</i>	Lease No.	Date <i>8-25-15</i>
Lease <i>K & G</i>	Well # <i>#1-29</i>	Service Receipt <i>1717 05469 A</i>
Casing <i>8 5/8" 24#</i>	Depth <i>1682.21'</i>	County <i>Haskell</i>
Job Type <i>242 Surface</i>	Formation	State <i>Ks</i>
		Legal Description <i>29 27 32</i>

Pipe Data		Perforating Data		Cement Data
Casing size <i>8 5/8" 24#</i>	Tubing Size	Shots/Ft		Lead <i>A-Con Blend</i>
Depth <i>1682.21'</i>	Depth	From	To	<i>400sk</i>
Volume <i>104.6294661</i>	Volume	From	To	<i>2.95^{ft³/sk}</i> <i>18.10^{gal}/sk</i>
Max Press	Max Press	From	To	Tail in <i>Premium Plus</i>
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	<i>150sk Cement</i>
Plug Depth <i>1639.96'</i>	Packer Depth	From	To	<i>1.34^{ft³/sk}</i> <i>6.33^{gal}/sk</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>20:15</i>					<i>Call Out</i>
<i>23:15</i>					<i>On Location</i>
<i>23:45</i>					<i>Safety Meeting w/ B.E.S. personnel</i>
<i>24:00</i>					<i>Rig Up</i>
<i>4:00</i>					<i>Wait on rig + run float equip.</i>
<i>5:15</i>					<i>Circulating waiting on B.E.S. equip.</i>
<i>5:30</i>					<i>Rig Up Cement Head</i>
					<i>Circulate</i>
<i>6:00</i>					<i>Pressure Test to 1800</i>
<i>6:04</i>	<i>180</i>		<i>210.1 bbls slurry</i>	<i>5.5</i>	<i>Pump Lead</i>
<i>6:50</i>	<i>180</i>		<i>35.7 bbls slurry</i>	<i>5.4</i>	<i>Pump Tail</i>
<i>7:00</i>					<i>Shutdown / Drop Plug / Wash Pump</i>
	<i>50</i>		<i>10</i>	<i>5.6</i>	<i>Displace</i>
	<i>50</i>		<i>20</i>	<i>5.6</i>	
	<i>100</i>		<i>30</i>	<i>5.6</i>	
	<i>100</i>		<i>40</i>	<i>5.6</i>	
	<i>180</i>		<i>50</i>	<i>5.8</i>	
	<i>250</i>		<i>60</i>	<i>5.6</i>	
	<i>300</i>		<i>70</i>	<i>5.5</i>	
	<i>400</i>		<i>80</i>	<i>5.3</i>	
	<i>450</i>		<i>90</i>	<i>5.2</i>	
	<i>430</i>		<i>97</i>	<i>2.0</i>	<i>Slow Rate</i>
<i>7:30</i>	<i>900</i>		<i>104.6</i>	<i>0</i>	<i>Land Plug, No Cement Returns</i>

Service Units	<i>78938</i>	<i>38117/19919</i>	<i>30463/37547</i>	<i>27808/19983</i>
Driver Names	<i>Daniel</i>	<i>Santiago</i>	<i>Hector R.</i>	<i>Hector R.</i>

Clint Andrews
Customer Representative

Tyce Davis
Station Manager

Daniel Beed
Cementer

Cement Report

Customer <i>Raydon Exp.</i>		Lease No.	Date <i>9-9-15</i>
Lease <i>K+G</i>		Well # <i>1-29</i>	Service Receipt <i>1717 05474 A</i>
Casing <i>5 1/2" 15.5#</i>	Depth <i>4950ft</i>	County <i>Seward</i>	State <i>Ks.</i>
Job Type <i>242 Production</i>	Formation	Legal Description <i>29 27 32</i>	

Pipe Data		Perforating Data		Cement Data
Casing size <i>5 1/2" 15.5#</i>	Tubing Size	Shots/Ft		Lead 'A-Con' Blend <i>150sk</i>
Depth <i>4950ft</i>	Depth	From	To	
Volume <i>116.81 bbl</i>	Volume	From	To	<i>2.93 ft³/sk 18.00 gal/sk</i>
Max Press <i>2500 psi</i>	Max Press	From	To	Tail in AA2 <i>100sk</i>
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	
Plug Depth <i>4908</i>	Packer Depth	From	To	<i>1.51 ft³/sk 6.64 gal/sk</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>8:30</i>					<i>Call Out</i>
<i>12:50</i>					<i>On Location</i>
<i>13:00</i>					<i>Safety Meeting w/ BES employees</i>
<i>13:15</i>					<i>Wait on rig + run float equipment</i>
<i>18:45</i>					<i>Rig Up + Circulate</i>
<i>21:15</i>					<i>Pumping Pressure Test to</i>
			<i>11.9 bbl</i>		<i>Pump Super Flush II</i>
			<i>26.6 bbl</i>		<i>Cement Rat + Mouse</i>
<i>21:35</i>	<i>280</i>		<i>52.1 bbl</i>	<i>6.1</i>	<i>Pump Scavenger</i>
<i>21:50</i>	<i>150</i>		<i>26.8 bbl</i>	<i>5.9</i>	<i>Pump Tail</i>
<i>22:00</i>					<i>Shutdown/Wash Pump/Drop Plug</i>
<i>22:05</i>	<i>100</i>		<i>10</i>	<i>6.5</i>	<i>Displace</i>
	<i>100</i>		<i>20</i>	<i>6.5</i>	
	<i>100</i>		<i>30</i>	<i>6.5</i>	
	<i>100</i>		<i>40</i>	<i>6.5</i>	
	<i>100</i>		<i>50</i>	<i>6.5</i>	
	<i>100</i>		<i>60</i>	<i>6.5</i>	
	<i>100</i>		<i>70</i>	<i>6.5</i>	
	<i>250</i>		<i>80</i>	<i>6.4</i>	
	<i>450</i>		<i>90</i>	<i>6.4</i>	
	<i>700</i>		<i>100</i>	<i>5.5</i>	
	<i>750</i>		<i>106</i>	<i>2.0</i>	<i>Slow Rate</i>
<i>22:30</i>	<i>1500</i>		<i>116.8</i>	<i>0</i>	<i>Pressure up, Release Back Float Held</i>
Service Units	<i>78938</i>	<i>38117/19919</i>	<i>14354/37725</i>		<i>Job Complete</i>
Driver Names	<i>Daniel</i>	<i>Rogelio</i>	<i>Mario</i>		

Clint Andrews
Customer Representative

Tyce Davis
Station Manager

Daniel Beck
Cementer