

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

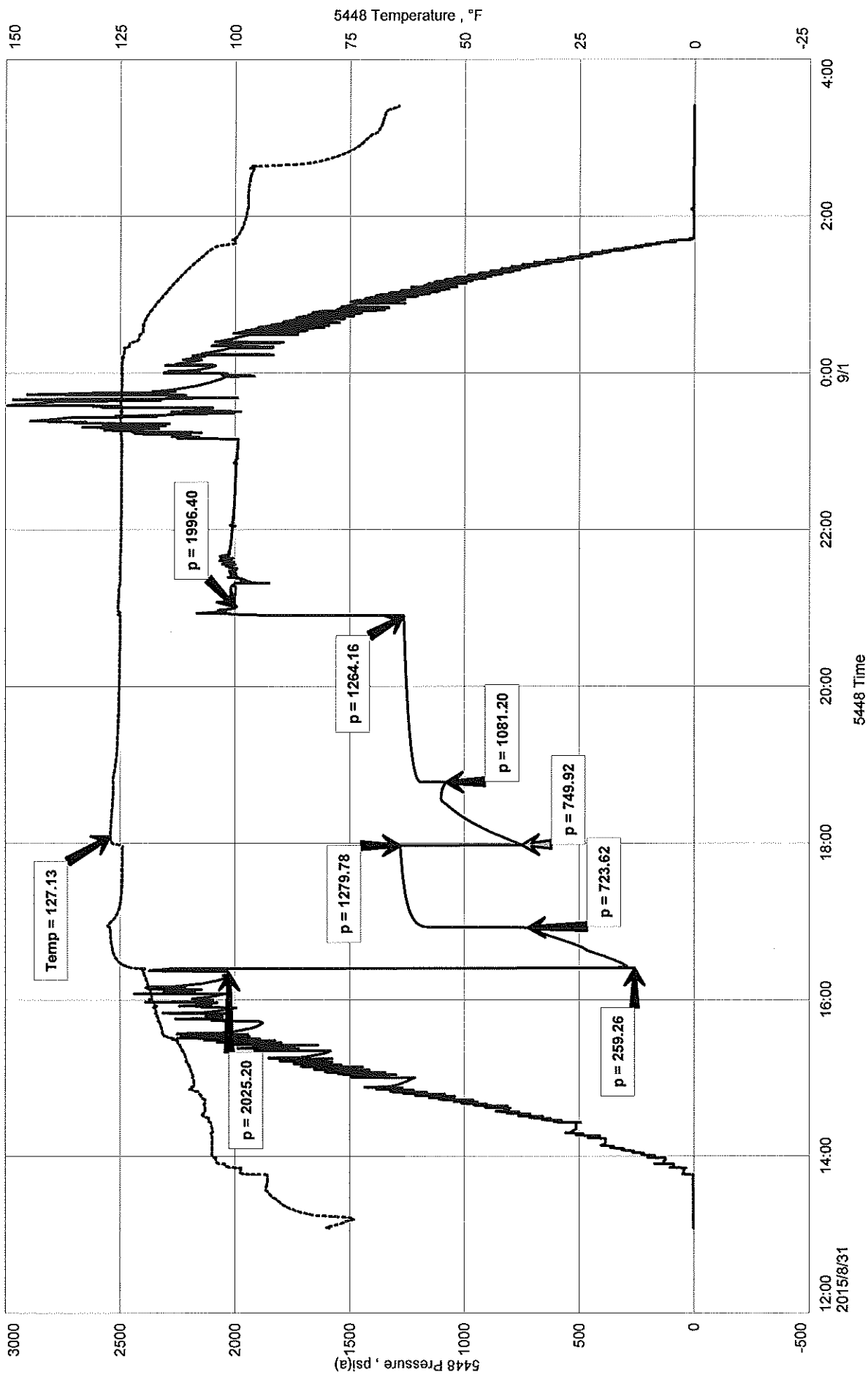
Time Set Packer(s) 4:30 P.M. A.M. P.M. Time Started Off Bottom 8:45 P.M. A.M. P.M. Maximum Temperature 127°F
Initial Hydrostatic Pressure..... (A) 2025 P.S.I.
Initial Flow Period..... Minutes 30 (B) 259 P.S.I. to (C) 724 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1280 P.S.I.
Final Flow Period.....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

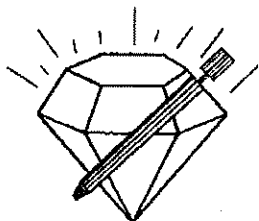
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged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

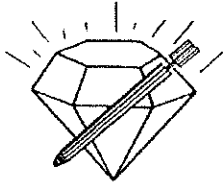
Test Results

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) 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	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

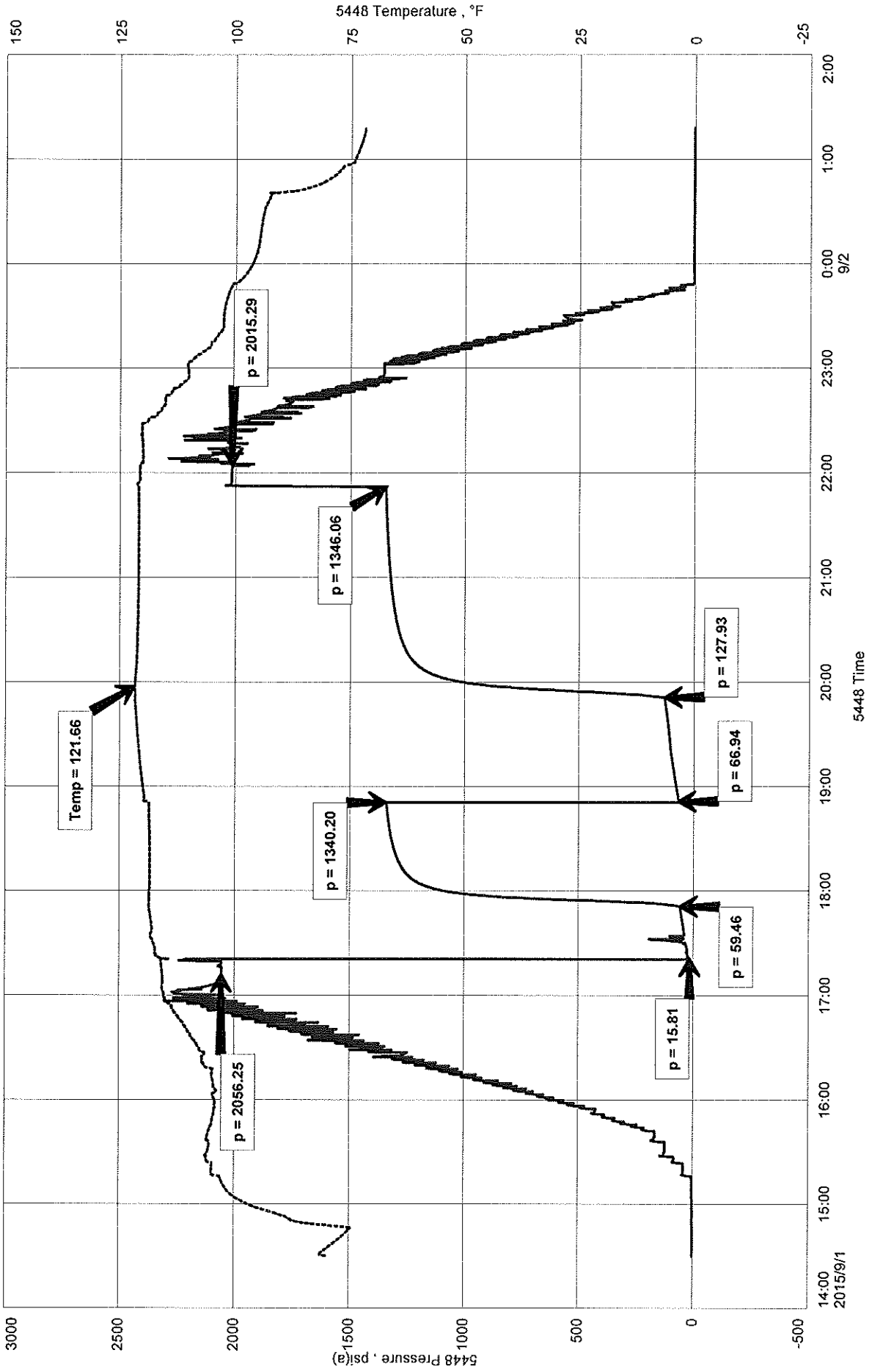
CHLOR: 84,000 PPM
PH: 7.0
RW: .21 @ 65 DEG

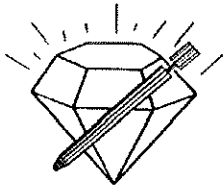
TOOL SAMPLE: ~100% WTR W/ A THIN SCUM OF OIL

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

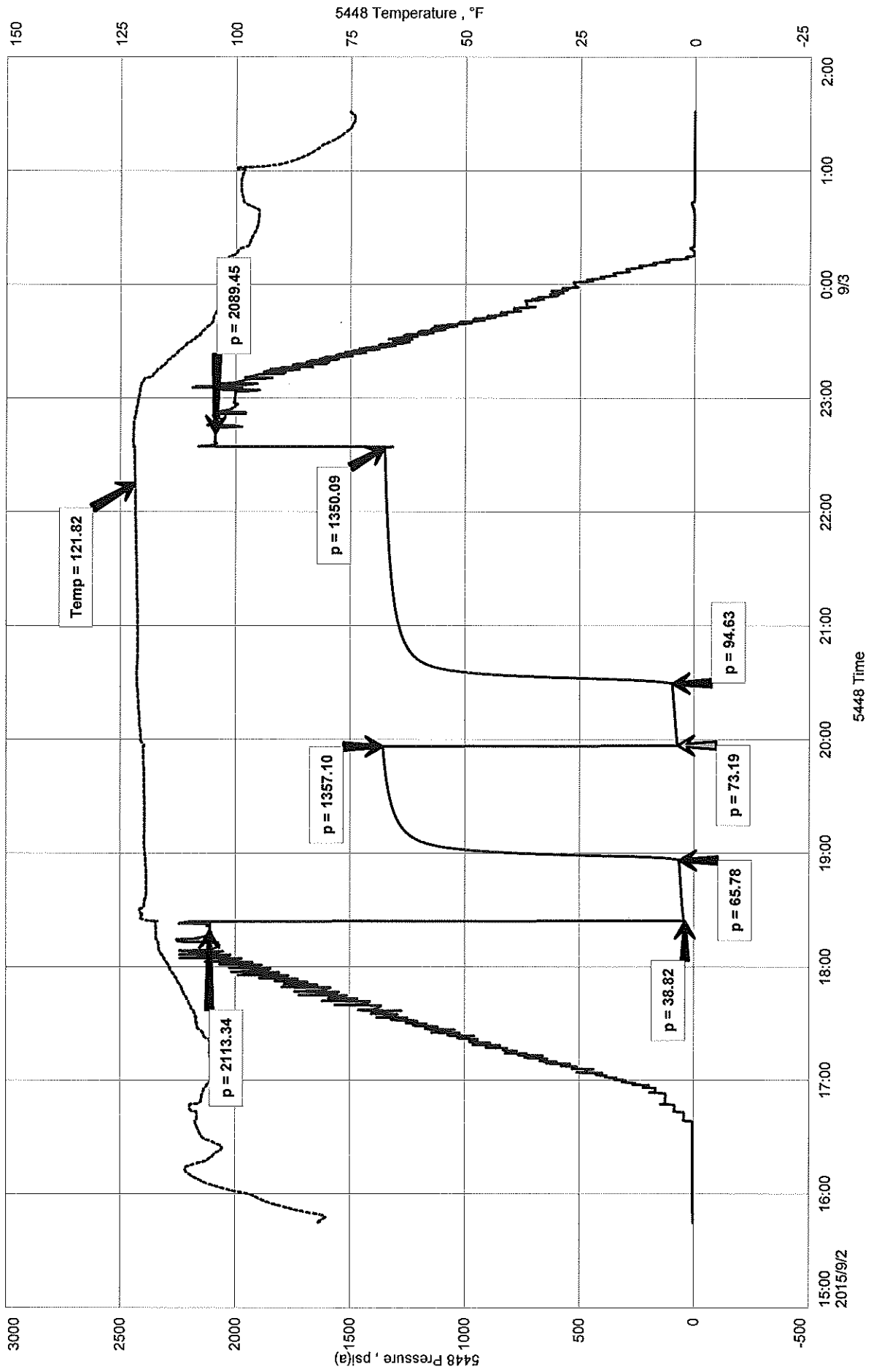
CHLOR: 47,000 PPM
PH:7.0
RW: .26 @ 69 DEG

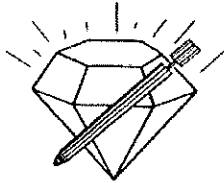
TOOL SAMPLE: ~100% WTR W/ A VERY THIN SCUM OF OIL SOME GASSY BUBBLES

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

