



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: YRK30C1DST1

TIME ON: 1625 (3/8)
TIME OFF: 0000 (3/9)

Company RITCHIE EXPLORATION, INC. Lease & Well No. YORK 30C #1
Contractor WW DRILLINC, LLC RIG 8 Charge to RITCHIE EXPLORATION, INC.
Elevation 2738 KB Formation LANSING 'A' Effective Pay _____ Ft. Ticket No. M621
Date 3/8/2014 Sec. 30 Twp. 15 S Range 30 W County GOVE State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 3804 ft. to 3823 ft. Total Depth 3823 ft.

Packer Depth 3799 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 3804 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3786 ft. Recorder Number 0063 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 3806 ft. Recorder Number E1150 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 60 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 8.9 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 3,500 P.P.M. Drill Pipe Length 3649 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 19 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, INCREASE TO 1 1/4" (NO BB)

2nd Open: NO BLOW FOR 6 MIN THEN A VWSB THAT BUILT TO 1"

Recovered ~5 ft. of CO 100% BLACK THICK TARRY OIL GRAVITY: 16.6 @ 60°

Recovered ~35 ft. of GMO 1% GAS, 93% OIL, 6% MUD

Recovered ~40 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 5% GAS, 80% OIL, 15% MUD

Time Set Packer(s) 6:45 P.M. A.M. P.M. Time Started Off Bottom 9:45 P.M. A.M. P.M. Maximum Temperature 107°F

Initial Hydrostatic Pressure..... (A) 1772 P.S.I.

Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 17 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 914 P.S.I.

Final Flow Period..... Minutes 45 (E) 20 P.S.I. to (F) 31 P.S.I.

Final Closed In Period..... Minutes 60 (G) 881 P.S.I.

Final Hydrostatic Pressure..... (H) 1760 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	RITCHIE EXPLORATION, INC.	Job Number	M621
Well Name	YORK 30C #1	Representative	MIKE COCHRAN
Unique Well ID	DST#1 3804-3823 LANSING 'A'	Well Operator	RITCHIE EXPLORATION, INC.
Surface Location	SEC.30-15S-30W GOVE CO.KS.	Report Date	2014/03/09
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
	Test Unit		NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 3804-3823 LANSING 'A'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/03/08	Start Test Time	16:25:00
Final Test Date	2014/03/09	Final Test Time	00:00:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
~5' CO 100% BLACK THICK TARRY OIL
~35' GMO 1% GAS, 93% OIL, 6% MUD
~40' TOTAL FLUID

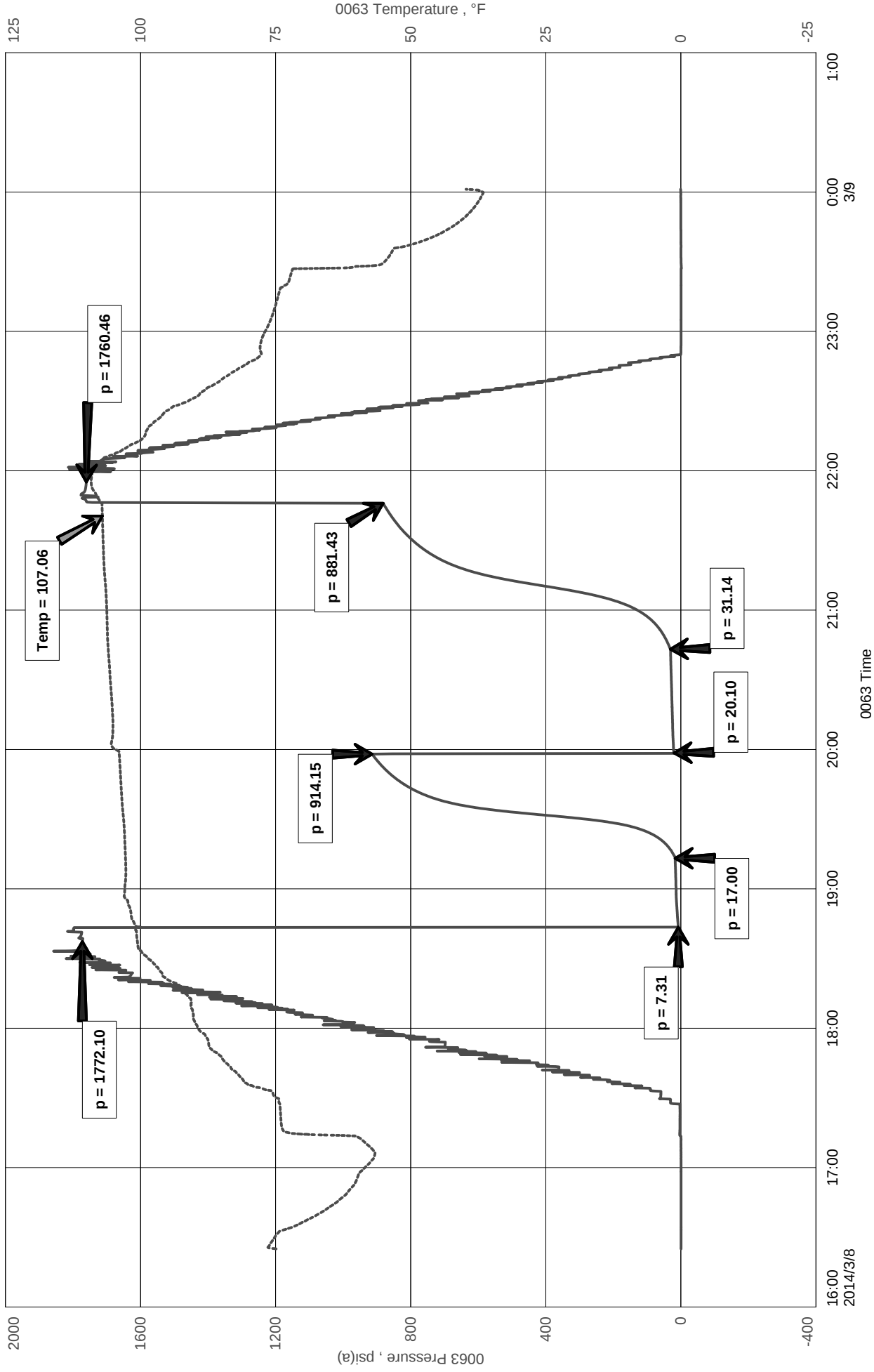
GRAVITY: 16.6 @ 60 DEG

TOOL SAMPLE: 5% GAS, 80% OIL, 15% MUD

RITCHIE EXPLORATION, INC.
DST#1 3804-3823 LANSING 'A'
Start Test Date: 2014/03/08
Final Test Date: 2014/03/09

YORK 30C #1
Formation: DST#1 3804-3823 LANSING 'A'
Pool: WILDCAT
Job Number: M621

YORK 30C #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: YRK30C1DST2

TIME ON: 0715
TIME OFF: 1415

Company RITCHIE EXPLORATION, INC. Lease & Well No. YORK 30C #1
Contractor WW DRILLINC, LLC RIG 8 Charge to RITCHIE EXPLORATION, INC.
Elevation 2738 KB Formation LANSING 'C' Effective Pay _____ Ft. Ticket No. M622
Date 3/9/2014 Sec. 30 Twp. 15 S Range 30 W County GOVE State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3830 ft. to 3849 ft. Total Depth 3849 ft.

Packer Depth 3825 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 3830 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3812 ft. Recorder Number 0063 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 3832 ft. Recorder Number E1150 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 56 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 8.8 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 3,500 P.P.M. Drill Pipe Length 3675 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 19 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: VWSB THAT BUILT 8 1/2" (WEAK BB)

2nd Open: VWSB THAT BUILT 8 1/2" (VERY WEAK BB)

Recovered 20 ft. of GO 2% GAS, 98% OIL GRAVITY: 23.0 @ 60°

Recovered 206 ft. of VSOSGMW 1% GAS, 92% WTR, 7% MUD, W/A THIN SCUM OF OIL (83' DP, 123' DC)

Recovered 226 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of CHLOR: 40,000 PPM

Recovered _____ ft. of RW: .22 @ 53 DEG

Remarks: PH: 7.0

TOOL SAMPLE: 1% GAS, 98% WTR, 1% MUD, W/A THIN SCUM OF OIL

Time Set Packer(s) 9:00 A.M. A.M. P.M. Time Started Off Bottom 12:00 P.M. A.M. P.M. Maximum Temperature 116°F

Initial Hydrostatic Pressure..... (A) 1791 P.S.I.

Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 74 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 947 P.S.I.

Final Flow Period..... Minutes 45 (E) 76 P.S.I. to (F) 109 P.S.I.

Final Closed In Period..... Minutes 60 (G) 885 P.S.I.

Final Hydrostatic Pressure..... (H) 1786 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RITCHIE EXPLORATION, INC.	Job Number	M622
Well Name	YORK 30C #1	Representative	MIKE COCHRAN
Unique Well ID	DST#2 3830-3849 LANSING 'C'	Well Operator	RITCHIE EXPLORATION, INC.
Surface Location	SEC.30-15S-30W GOVE CO.KS.	Report Date	2014/03/09
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
	Test Unit		NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 3830-3849 LANSING 'C'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/03/09	Start Test Time	07:15:00
Final Test Date	2014/03/09	Final Test Time	14:15:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:

20' GO 2% GAS, 98% OIL
206' VSOSGMW 1% GAS, 92% WTR, 7% MUD, W/A THIN SCUM OF OIL (83' DP, 123' DC)
226' TOTAL FLUID

GRAVITY: 23.0 @ 60 DEG

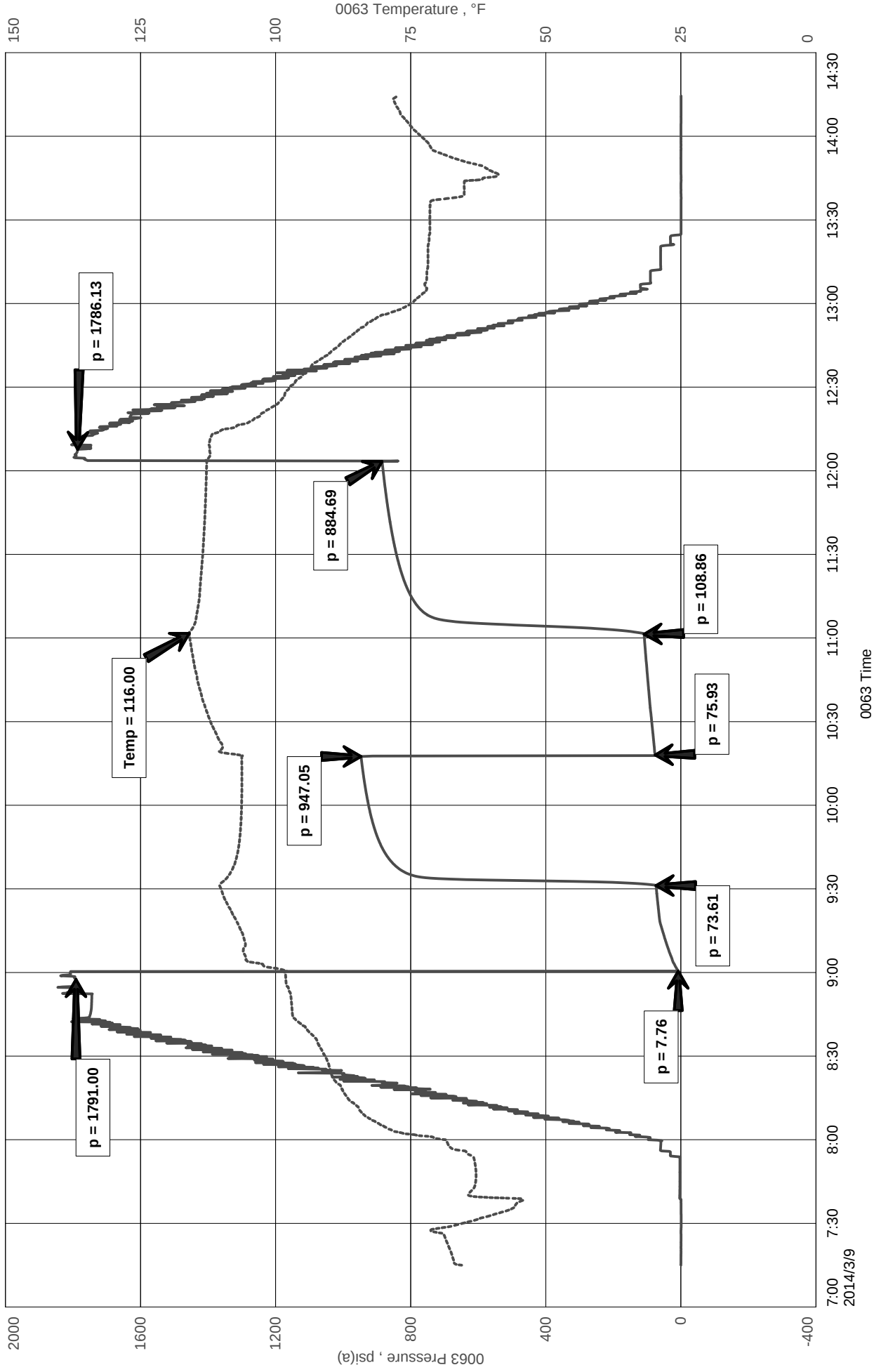
CHLOR: 40,000 PPM
PH:7.0
RW: .22 @ 53

TOOL SAMPLE: 1% GAS, 98% WTR, 1% MUD, W/A THIN SCUM OF OIL

RITCHIE EXPLORATION, INC.
 DST#2 3830-3849 LANSING 'C'
 Start Test Date: 2014/03/09
 Final Test Date: 2014/03/09

YORK 30C #1
 Formation: DST#2 3830-3849 LANSING 'C'
 Pool: WILDCAT
 Job Number: M622

YORK 30C #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: YRK30C1DST3

TIME ON: 2310 (3/9)
TIME OFF: 0730 (3/10)

Company RITCHIE EXPLORATION, INC. Lease & Well No. YORK 30C #1
Contractor WW DRILLINC, LLC RIG 8 Charge to RITCHIE EXPLORATION, INC.
Elevation 2738 KB Formation LANSING 'E&F' Effective Pay _____ Ft. Ticket No. M623
Date 3/9/2014 Sec. 30 Twp. 15 S Range 30 W County GOVE State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 3883 ft. to 3906 ft. Total Depth 3920 ft.

Packer Depth 3878 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 3883 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3865 ft. Recorder Number 0063 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 3901 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Below Straddle Recorder Depth 3909 ft. Recorder Number E1150 Cap. 5,000 P.S.I.

Mud Type CHEM Viscosity 54 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 9.0 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 3,100 P.P.M. Drill Pipe Length 3728 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 23 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 8 MIN (6"BB)

2nd Open: GSB, BOB 12 MIN (2"BB)

Recovered 321 ft. of GIP GRAVITY: 37.3 @ 60°

Recovered 413 ft. of GO 2% GAS, 98% OIL

Recovered 155 ft. of GMCO 11% GAS, 46% OIL, 43% MUD (32' DP, 123' DC)

Recovered 568 ft. of TOTAL FLUID

Recovered _____ ft. of _____ Price Job

Recovered _____ ft. of _____ Other Charges

Remarks: BELOW STRADDLE PSI: 1056 Insurance

TOOL SAMPLE: 4% GAS, 96% OIL Total

Time Set Packer(s) 1:15 A.M. A.M. P.M. Time Started Off Bottom 4:15 A.M. A.M. P.M. Maximum Temperature 122°F

Initial Hydrostatic Pressure..... (A) 1826 P.S.I.

Initial Flow Period..... Minutes 30 (B) 17 P.S.I. to (C) 123 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 948 P.S.I.

Final Flow Period..... Minutes 45 (E) 129 P.S.I. to (F) 225 P.S.I.

Final Closed In Period..... Minutes 60 (G) 902 P.S.I.

Final Hydrostatic Pressure..... (H) 1822 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RITCHIE EXPLORATION, INC.	Job Number	M623
Well Name	YORK 30C #1	Representative	MIKE COCHRAN
Unique Well ID	DST#3 3883-3906 LANSING 'E&F'STRADDLE	Well Operator	RITCHIE EXPLORATION, INC.
Surface Location	SEC.30-15S-30W GOVE CO.KS.	Report Date	2014/03/10
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 3883-3906 LANSING 'E&F'STRADDLE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/03/09	Start Test Time	23:10:00
Final Test Date	2014/03/10	Final Test Time	07:30:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
321' GIP
413' GO 2% GAS, 98% OIL
155' GMCO 11% GAS, 46% OIL, 43% MUD (32' DP, 123' DC)
568' TOTAL FLUID

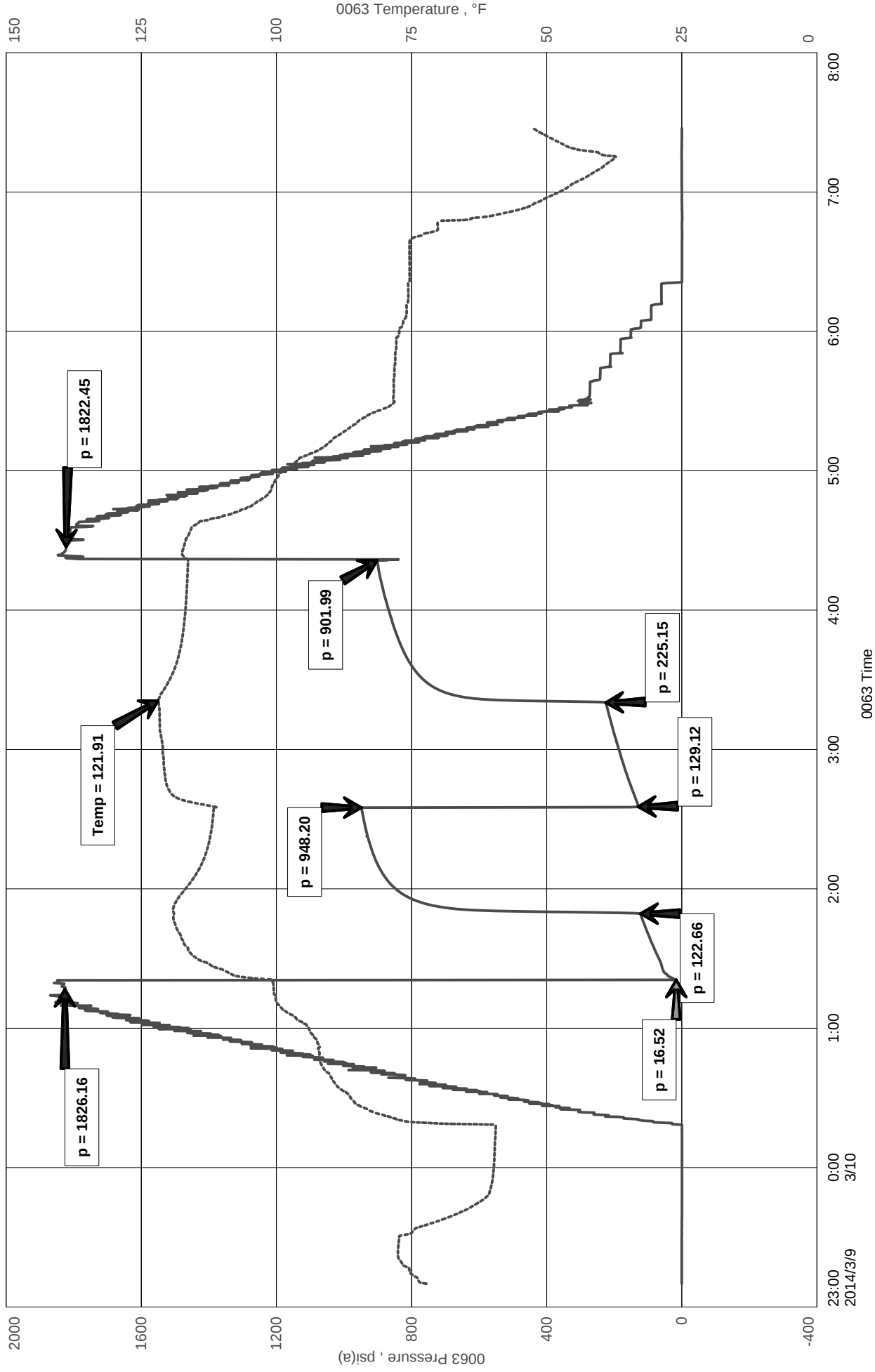
GRAVITY: 37.3 @ 60 DEG

TOOL SAMPLE: 4% GAS, 96% OIL

RITCHIE EXPLORATION, INC.
DST#3 3883-3906 LANSING 'E&F'STRADDLE
Start Test Date: 2014/03/09
Final Test Date: 2014/03/10

YORK 30C #1
Formation: DST#3 3883-3906 LANSING 'E&F'STRADDLE
Pool: WILDCAT
Job Number: M623

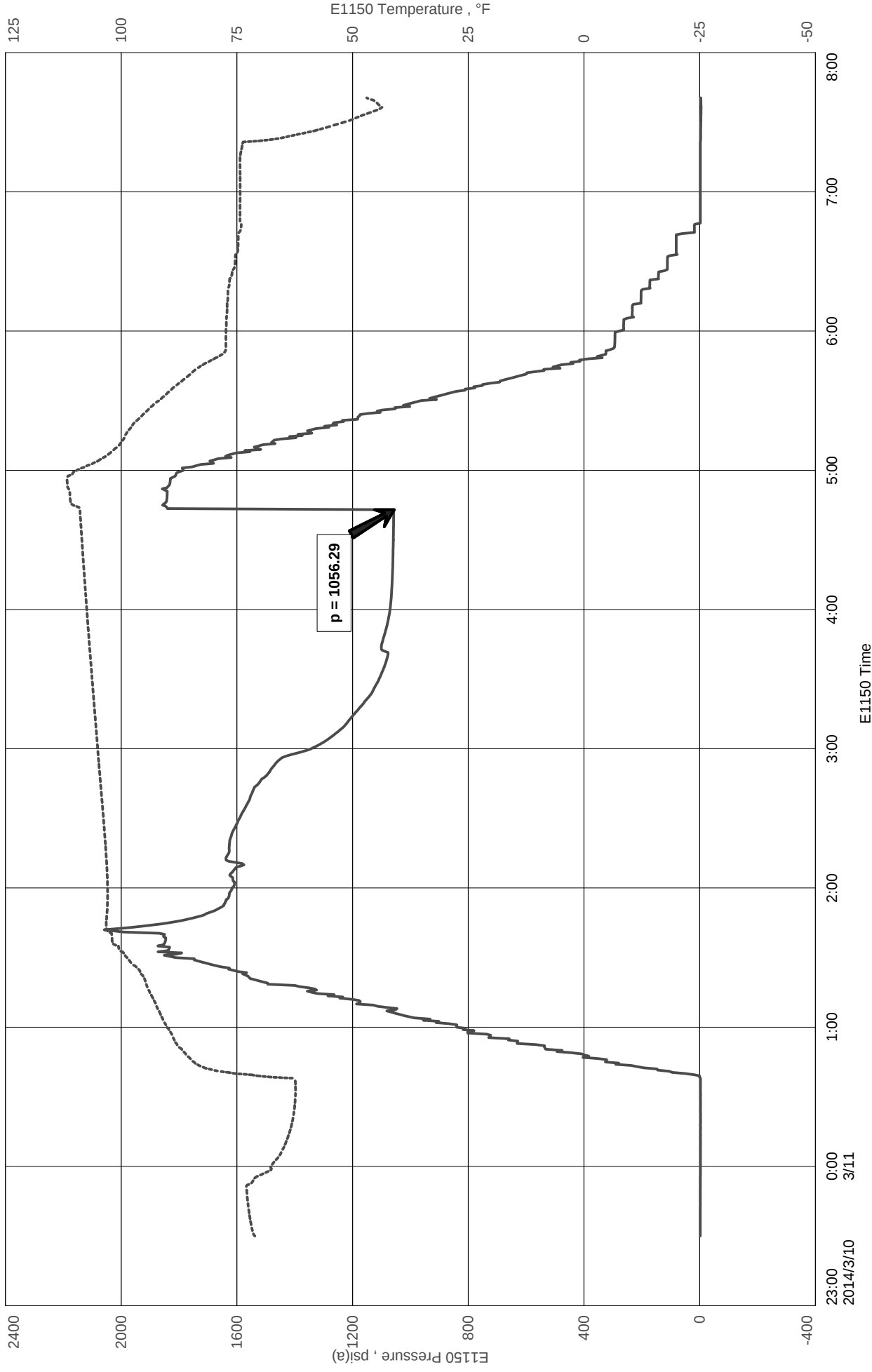
YORK 30C #1



RITCHIE EXPLORATION, INC.
DST#3 3883-3906 LANSING 'E&F'STRADDLE
Start Test Date: 2014/03/09
Final Test Date: 2014/03/10

YORK 30C #1
Formation: DST#3 3883-3906 LANSING 'E&F'STRADDLE
Pool: WILDCAT
Job Number: M623

YORK 30C #1 BELOW STRADDLE





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: YRK30C1DST4

TIME ON: 0005
TIME OFF: 0800

Company RITCHIE EXPLORATION, INC. Lease & Well No. YORK 30C #1
Contractor WW DRILLINC, LLC RIG 8 Charge to RITCHIE EXPLORATION, INC.
Elevation 2738 KB Formation LANSING 'H&I' Effective Pay _____ Ft. Ticket No. M624
Date 3/11/2014 Sec. 30 Twp. 15 S Range 30 W County GOVE State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 3965 ft. to 4028 ft. Total Depth 4028 ft.

Packer Depth 3960 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 3965 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3847 ft. Recorder Number 0063 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 3968 ft. Recorder Number E1150 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 57 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 9.0 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 4,200 P.P.M. Drill Pipe Length 3810 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 63 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, INCREASED TO 5" (NO BB)

2nd Open: NO BLOW, THEN AFTER 2 MIN A VWSB INCREASING TO 6" (NO BB)

Recovered ~15 ft. of CO 100% OIL GRAVITY: 30.6 @ 60°

Recovered ~171 ft. of GOCM 2% GAS, 10% OIL, 88% MUD (48' DP, 123' DC)

Recovered 186 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: ~2% GAS, 10% OIL, 88% MUD W/ A TR OF WTR

Time Set Packer(s) 2:30 A.M. A.M. P.M. Time Started Off Bottom 5:30 A.M. A.M. P.M. Maximum Temperature 112°F

Initial Hydrostatic Pressure..... (A) 1864 P.S.I.

Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 64 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1020 P.S.I.

Final Flow Period..... Minutes 45 (E) 67 P.S.I. to (F) 91 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1007 P.S.I.

Final Hydrostatic Pressure..... (H) 1861 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RITCHIE EXPLORATION, INC.	Job Number	M624
Well Name	YORK 30C #1	Representative	MIKE COCHRAN
Unique Well ID	DST#4 3965-4028 LANSING 'H&I'	Well Operator	RITCHIE EXPLORATION, INC.
Surface Location	SEC.30-15S-30W GOVE CO.KS.	Report Date	2014/03/11
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
	Test Unit		NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#4 3965-4028 LANSING 'H&I'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/03/11	Start Test Time	00:05:00
Final Test Date	2014/03/11	Final Test Time	08:00:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
~15' CO 100% OIL
~171' GOCM 2% GAS, 10% OIL, 88% MUD (48' DP, 123' DC)
186' TOTAL FLUID

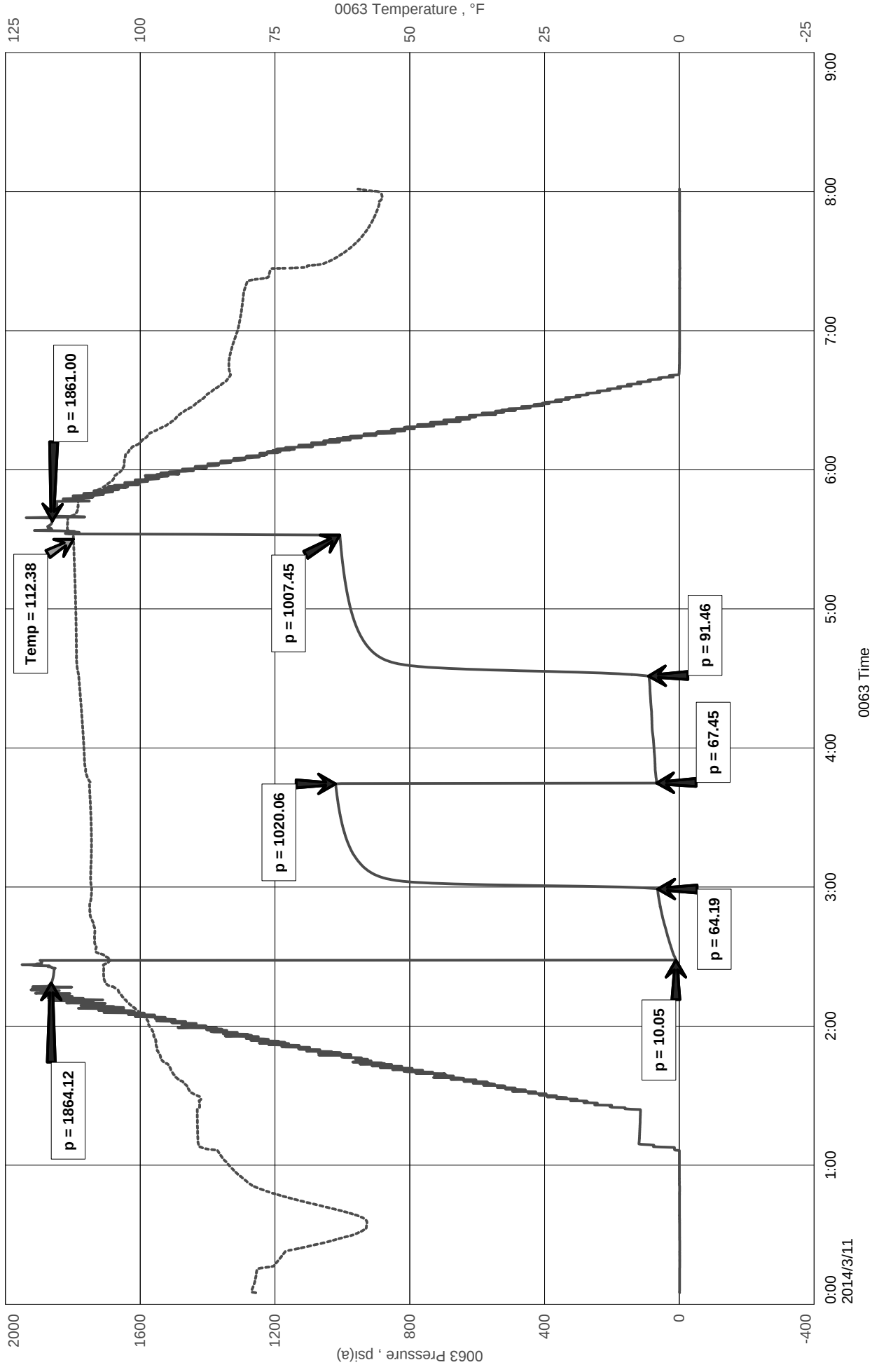
GRAVITY: 30.6 @ 60 DEG

TOOL SAMPLE: ~2% GAS, 10% OIL, 88% MUD W/ A TR OF WTR

RITCHIE EXPLORATION, INC.
DST#4 3965-4028 LANSING 'H&I'
Start Test Date: 2014/03/11
Final Test Date: 2014/03/11

YORK 30C #1
Formation: DST#4 3965-4028 LANSING 'H&I'
Pool: WILDCAT
Job Number: M624

YORK 30C #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: YRK30C1DST5

TIME ON: 1625
TIME OFF: 2345

Company RITCHIE EXPLORATION, INC. Lease & Well No. YORK 30C #1
Contractor WW DRILLING, LLC RIG 8 Charge to RITCHIE EXPLORATION, INC.
Elevation 2738 KB Formation LANSING 'J' Effective Pay _____ Ft. Ticket No. M625
Date 3/11/2014 Sec. 30 Twp. 15 S Range 30 W County GOVE State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 5 Interval Tested from 4032 ft. to 4055 ft. Total Depth 4055 ft.

Packer Depth 4027 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4032 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4014 ft. Recorder Number 0063 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 4034 ft. Recorder Number E1150 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 53 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 6.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 4,500 P.P.M. Drill Pipe Length 3877 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 23 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, INCREASED TO 3 3/4" (NO BB)

2nd Open: NO BLOW, THEN AFTER 10 MIN A VWSB INCREASING TO 1 3/4" (NO BB)

Recovered ~38 ft. of CO 100% OIL (7' DP, 31' DC) GRAVITY: 31.6 @ 60°

Recovered ~92 ft. of GSOSWM 1% GAS, 2% OIL, 23% WTR, 74% MUD (92' DC)

Recovered 130 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of CHLOR: 12,000 PPM Price Job

Recovered _____ ft. of RW: 5.0 @ 56 DEG Other Charges

Remarks: PH: 10.0 Insurance

TOOL SAMPLE: 20% OIL, 14% WTR, 66% MUD Total

Time Set Packer(s) 6:30 P.M. A.M. P.M. Time Started Off Bottom 9:30 P.M. A.M. P.M. Maximum Temperature 112°F

Initial Hydrostatic Pressure..... (A) 1911 P.S.I.

Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 39 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1022 P.S.I.

Final Flow Period..... Minutes 45 (E) 41 P.S.I. to (F) 64 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1019 P.S.I.

Final Hydrostatic Pressure..... (H) 1898 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RITCHIE EXPLORATION, INC.	Job Number	M625
Well Name	YORK 30C #1	Representative	MIKE COCHRAN
Unique Well ID	DST#5 4032-4055 LANSING 'J'	Well Operator	RITCHIE EXPLORATION, INC.
Surface Location	SEC.30-15S-30W GOVE CO.KS.	Report Date	2014/03/11
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
	Test Unit		NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#5 4032-4055 LANSING 'J'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/03/11	Start Test Time	16:25:00
Final Test Date	2014/03/11	Final Test Time	23:45:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:

~38" CO 100% OIL	(7' DP, 31' DC)
~92' GSOSWM 1% GAS, 2% OIL, 23% WTR, 74% MUD	(92' DC)
130' TOTAL FLUID	

GRAVITY: 31.6 @ 60 DEG

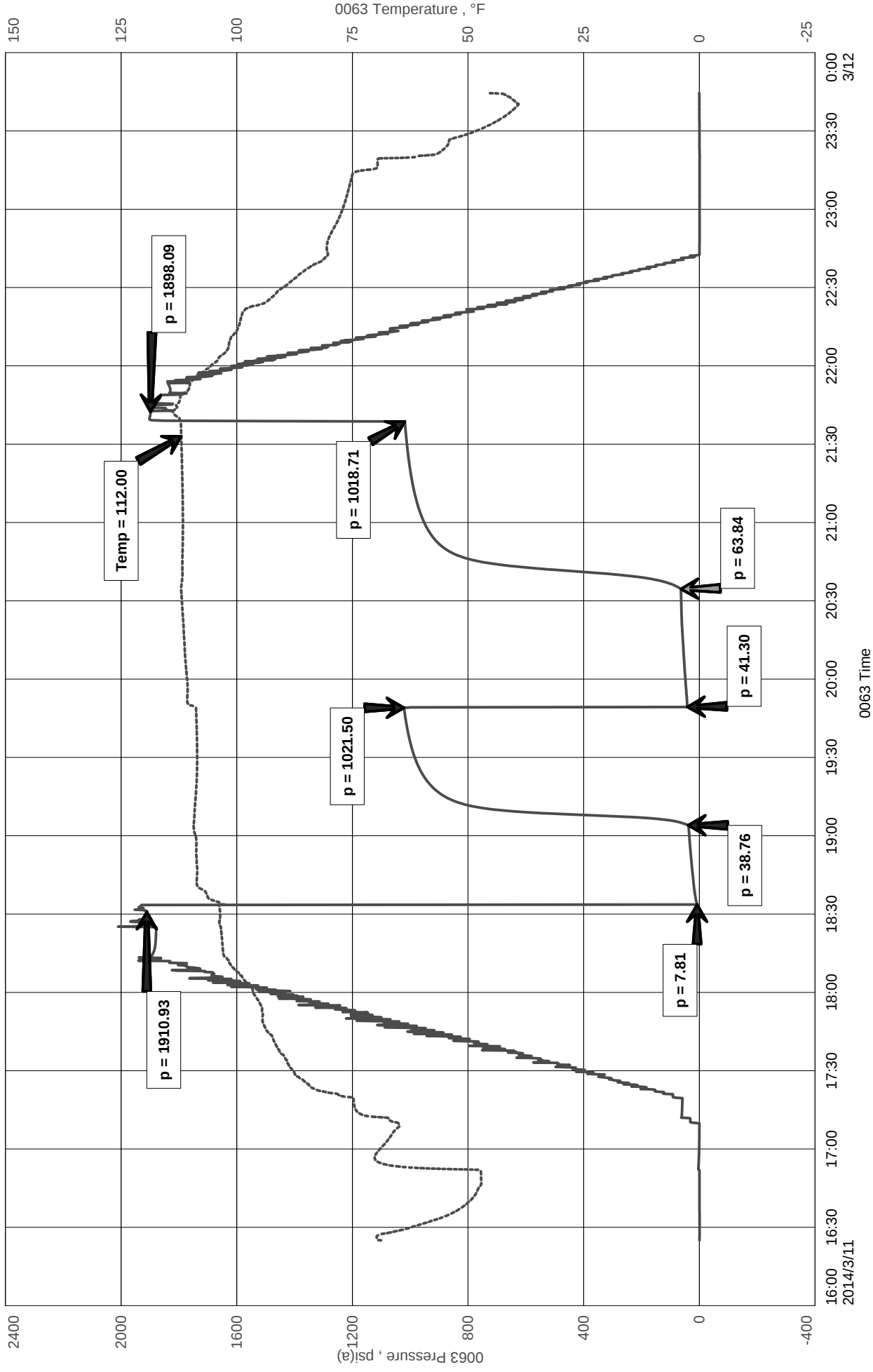
CHLOR: 12,000 PPM
PH:10.0
RW: 5.0 @ 56 DEG

TOOL SAMPLE: 20% OIL, 14% WTR, 66% MUD

RITCHIE EXPLORATION, INC.
DST#5 4032-4055 LANSING 'J'
Start Test Date: 2014/03/11
Final Test Date: 2014/03/11

YORK 30C #1
Formation: DST#5 4032-4055 LANSING 'J'
Pool: WILDCAT
Job Number: M625

YORK 30C #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: YRK30C1DST6

TIME ON: 0750
TIME OFF: 1600

Company RITCHIE EXPLORATION, INC. Lease & Well No. YORK 30C #1
Contractor WW DRILLING, LLC RIG 8 Charge to RITCHIE EXPLORATION, INC.
Elevation 2738 KB Formation LANSING 'K' Effective Pay _____ Ft. Ticket No. M626
Date 3/12/2014 Sec. 30 Twp. 15 S Range 30 W County GOVE State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 6 Interval Tested from 4059 ft. to 4094 ft. Total Depth 4094 ft.

Packer Depth 4054 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4059 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4041 ft. Recorder Number 0063 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 4062 ft. Recorder Number E1150 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 52 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 6.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 4,500 P.P.M. Drill Pipe Length 3904 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 35 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 2 MIN (VERY WEAK BB)

2nd Open: SSB, BOB 3 MIN (NO BB)

Recovered <5 ft. of GO 2% GAS, 98% OIL GRAVITY: 28.3 @ 60°

Recovered 2010 ft. of GOCMW 1% GAS, 7% EMULSIFIED OIL 85% WTR, 7% MUD (1887' DP, 123' DC)

Recovered ~2015 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of CHLOR: 28,000 PPM

Recovered _____ ft. of RW: .32 @ 50 DEG

Remarks: PH: 7.0

SULPHURY ODOR

TOOL SAMPLE: 1% GAS, 8% OIL 82% WTR, 9% MUD

Time Set Packer(s) 9:45 A.M. A.M. P.M. Time Started Off Bottom 12:45 P.M. A.M. P.M. Maximum Temperature 128°F

Initial Hydrostatic Pressure..... (A) 1914 P.S.I.

Initial Flow Period..... Minutes 30 (B) 85 P.S.I. to (C) 682 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 997 P.S.I.

Final Flow Period..... Minutes 45 (E) 684 P.S.I. to (F) 923 P.S.I.

Final Closed In Period..... Minutes 60 (G) 989 P.S.I.

Final Hydrostatic Pressure..... (H) 1908 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	RITCHIE EXPLORATION, INC.	Job Number	M626
Well Name	YORK 30C #1	Representative	MIKE COCHRAN
Unique Well ID	DST#6 4059-4094 LANSING 'K'	Well Operator	RITCHIE EXPLORATION, INC.
Surface Location	SEC.30-15S-30W GOVE CO.KS.	Report Date	2014/03/12
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
	Test Unit		NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#6 4059-4094 LANSING 'K'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/03/12	Start Test Time	07:50:00
Final Test Date	2014/03/12	Final Test Time	16:00:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:

<5' GO 2% GAS, 98% OIL
2010' GOCMW 1% GAS, 7% EMULSIFIED OIL 85% WTR, 7% MUD (1887' DP, 123' DC)
~2015' TOTAL FLUID

GRAVITY: 28.3 @ 60 DEG

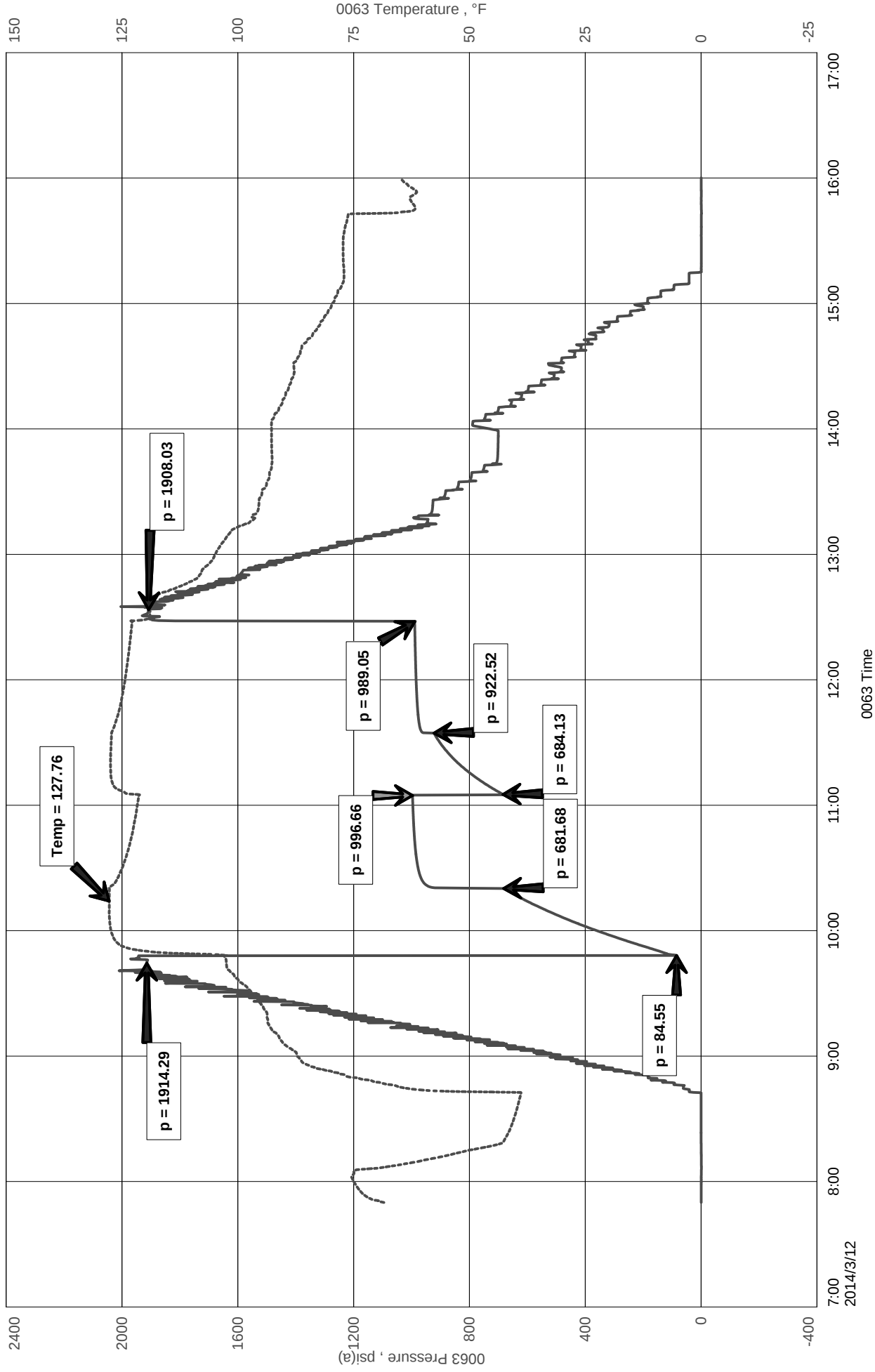
CHLOR: 28,000 PPM
PH:7.0
RW: .32 @ 50 DEG

TOOL SAMPLE: 1% GAS, 8% OIL 82% WTR, 9% MUD

RITCHIE EXPLORATION, INC.
DST#6 4059-4094 LANSING 'K'
Start Test Date: 2014/03/12
Final Test Date: 2014/03/12

YORK 30C #1
Formation: DST#6 4059-4094 LANSING 'K'
Pool: WILDCAT
Job Number: M626

YORK 30C #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: YRK30C1DST7

TIME ON: 2325 (3/12)
TIME OFF: 0740 (3/13)

Company RITCHIE EXPLORATION, INC. Lease & Well No. YORK 30C #1
Contractor WW DRILLING, LLC RIG 8 Charge to RITCHIE EXPLORATION, INC.
Elevation 2738 KB Formation LANSING 'L' Effective Pay _____ Ft. Ticket No. M627
Date 3/12/2014 Sec. 30 Twp. 15 S Range 30 W County GOVE State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 7 Interval Tested from 4096 ft. to 4132 ft. Total Depth 4132 ft.

Packer Depth 4091 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4096 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4078 ft. Recorder Number 0063 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 4098 ft. Recorder Number E1150 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 57 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 9.0 Water Loss 5.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 4,100 P.P.M. Drill Pipe Length 3941 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 36 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 35 SEC. (NO BB)

2nd Open: WSB, BUILT TO 1 1/2 IN 3 MIN THEN DIMINISHING TO A WSB (NO BB)

Recovered 2225 ft. of SGMW 1% GAS, 95% WTR, 4% MUD (2102' DP, 123' DC)

Recovered 2225 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of CHLOR: 27,000 PPM

Recovered _____ ft. of RW: .32 @ 52 DEG

Remarks: PH: 7.0

A SHOW OF OIL IN ROCKS WASHED OUT OF TOOL

TOOL SAMPLE: 1% GAS, 98% WTR, 1% MUD

Time Set Packer(s) 1:30 P.M. A.M. P.M. Time Started Off Bottom 4:00 A.M. A.M. P.M. Maximum Temperature 128°F

Initial Hydrostatic Pressure..... (A) 1949 P.S.I.

Initial Flow Period..... Minutes 30 (B) 613 P.S.I. to (C) 1013 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1015 P.S.I.

Final Flow Period..... Minutes 30 (E) 1012 P.S.I. to (F) 1015 P.S.I.

Final Closed In Period..... Minutes 45 (G) 1015 P.S.I.

Final Hydrostatic Pressure..... (H) 1939 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	RITCHIE EXPLORATION, INC.	Job Number	M627
Well Name	YORK 30C #1	Representative	MIKE COCHRAN
Unique Well ID	DST#7 4096-4132 LANSING 'L'	Well Operator	RITCHIE EXPLORATION, INC.
Surface Location	SEC.30-15S-30W GOVE CO.KS.	Report Date	2014/03/13
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
	Test Unit		NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#7 4096-4132 LANSING 'L'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/03/12	Start Test Time	23:25:00
Final Test Date	2014/03/13	Final Test Time	07:40:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
2225' SGMW 1% GAS, 95% WTR, 4% MUD (2102' DP, 123' DC)
2225' TOTAL FLUID

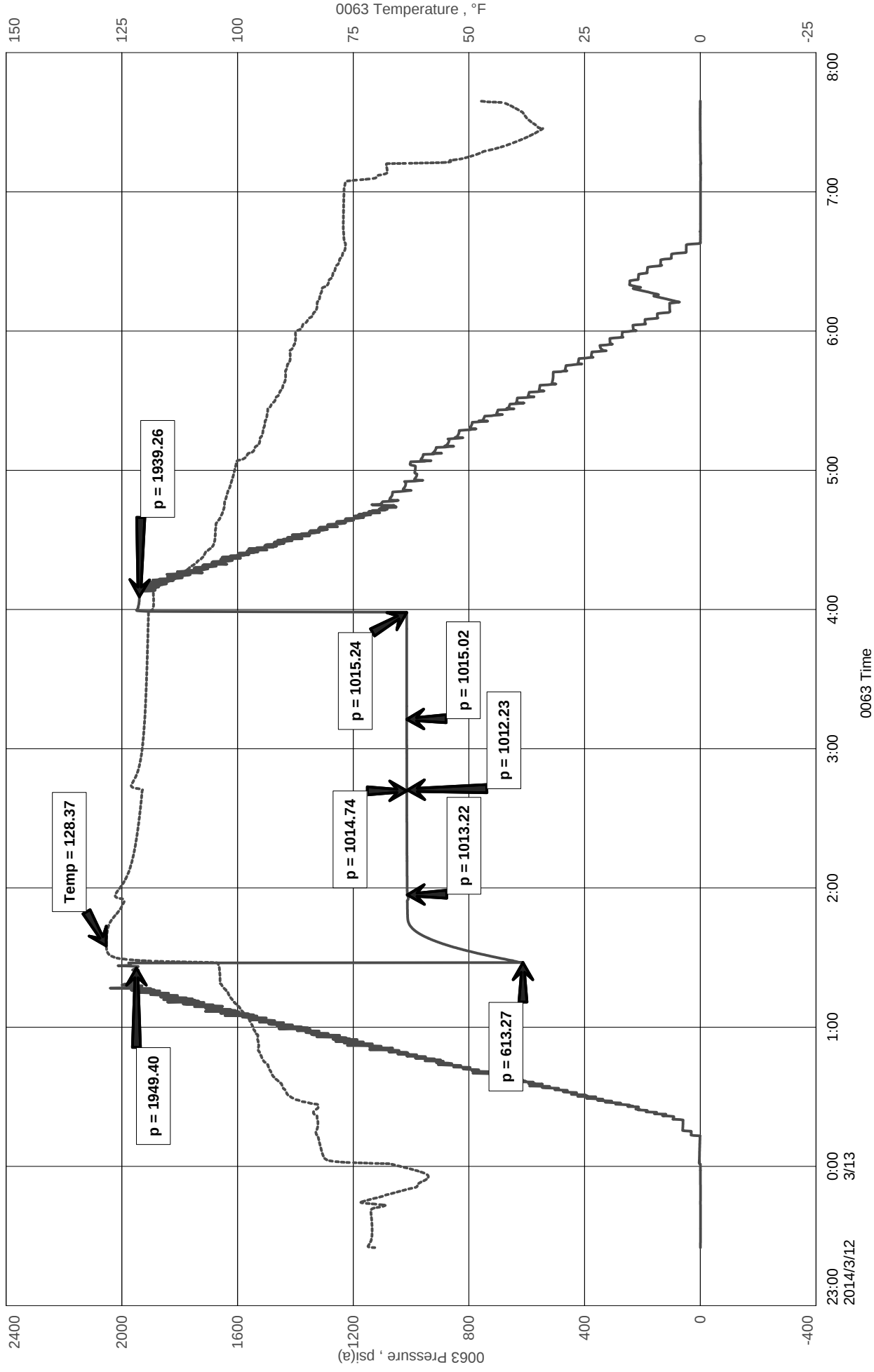
CHLOR: 27,000 PPM
PH:7.0
RW: .32 @ 52 deg

TOOL SAMPLE: 1% GAS, 98% WTR, 1% MUD

RITCHIE EXPLORATION, INC.
DST#7 4096-4132 LANSING 'L'
Start Test Date: 2014/03/12
Final Test Date: 2014/03/13

YORK 30C #1
Formation: DST#7 4096-4132 LANSING 'L'
Pool: WILDCAT
Job Number: M627

YORK 30C #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: YRK30C1DST8

TIME ON: 1635
TIME OFF: 2320

Company RITCHIE EXPLORATION, INC. Lease & Well No. YORK 30C #1
Contractor WW DRILLING, LLC RIG 8 Charge to RITCHIE EXPLORATION, INC.
Elevation 2738 KB Formation JOHNSON Effective Pay _____ Ft. Ticket No. M628
Date 3/14/2014 Sec. 30 Twp. 15 S Range 30 W County GOVE State KANSAS
Test Approved By MAX LOVELY Diamond Representative MIKE COCHRAN

Formation Test No. 8 Interval Tested from 4375 ft. to 4403 ft. Total Depth 4403 ft.

Packer Depth 4370 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4375 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4357 ft. Recorder Number 0063 Cap. 6,000 P.S.I.

Bottom Recorder Depth (Outside) 4377 ft. Recorder Number E1150 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 51 Drill Collar Length 123 ft. I.D. 2 1/4 in.

Weight 9.2 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 4,100 P.P.M. Drill Pipe Length 4220 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 28 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: A VERY WEAK SURFACE BLOW THAT INCREASED TO 1" IN 21 MIN (NO BB)

2nd Open: NO BLOW. FLUSH TOOL, NO HELP (NO BB)

Recovered ~35 ft. of OSM 4% OIL, 96% MUD

Recovered ~32 ft. of DM 100% MUD

Recovered ~67 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 50% OIL, 50% MUD

Time Set Packer(s) 6:45 P.M. A.M. P.M. Time Started Off Bottom 9:15 P.M. A.M. P.M. Maximum Temperature 118°F

Initial Hydrostatic Pressure..... (A) 2101 P.S.I.

Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 24 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1118 P.S.I.

Final Flow Period..... Minutes 30 (E) 26 P.S.I. to (F) 43 P.S.I.

Final Closed In Period..... Minutes 45 (G) 1101 P.S.I.

Final Hydrostatic Pressure..... (H) 2089 P.S.I.

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DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	RITCHIE EXPLORATION, INC.	Job Number	M628
Well Name	YORK 30C #1	Representative	MIKE COCHRAN
Unique Well ID	DST#8 4375-4403 JOHNSON	Well Operator	RITCHIE EXPLORATION, INC.
Surface Location	SEC.30-15S-30W GOVE CO.KS.	Report Date	2014/03/12
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	MAX LOVELY
	Test Unit		NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#8 4375-4403 JOHNSON		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2014/03/12	Start Test Time	16:35:00
Final Test Date	2014/03/12	Final Test Time	23:20:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
~35' OSM 4% OIL, 96% MUD
~32' DM 100% MUD
~67' TOTAL FLUID

TOOL SAMPLE: 50% OIL, 50% MUD

RITCHIE EXPLORATION, INC.
DST#8 4375-4403 JOHNSON
Start Test Date: 2014/03/12
Final Test Date: 2014/03/12

YORK 30C #1
Formation: DST#8 4375-4403 JOHNSON
Pool: WILDCAT
Job Number: M628

YORK 30C #1

