

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1132448

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30458

Name: RJM Company

Address 1: PO BOX 256

Address 2:

City: CLAFILIN State: KS Zip: 67525 + 0256

Contact Person: Brian Miller

Phone: (620) 588-3910

CONTRACTOR: License # 33350

Name: Southwind Drilling, Inc.

Wellsite Geologist: Wyatt Urban

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 #:

02/11/2013 02/17/2013 02/17/2013
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-009-25810-00-00

Spot Description:

NE SE NW SW Sec. 24 Twp. 19 S. R. 12 ☐ East ☒ West

1700 Feet from ☐ North / ☒ South Line of Section

1100 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: Barton

Lease Name: Mary Jean Well #: 1

Field Name: Cheyenne View

Producing Formation: N/A

Elevation: Ground: 1801 Kelly Bushing: 1810

Total Vertical Depth: 3400 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 378 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: 86000 ppm Fluid volume: 600 bbls

Dewatering method used: Evaporated

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: 04/10/2013
☒ Confidential Release Date: 04/10/2015
☐ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution
ALT ☒ I ☐ II ☐ III Approved by: NAOMI JAMES Date: 04/10/2013



1132448

Operator Name: RJM Company Lease Name: Mary Jean Well #: 1
 Sec. 24 Twp. 19 S. R. 12 ☐ East ☒ West County: Barton

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

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

Drill Stem Tests Taken (Attach Additional Sheets)	☒ Yes ☐ No	☐ Log	Formation (Top), Depth and Datum	☒ Sample
Samples Sent to Geological Survey	☒ Yes ☐ No	Name	Top	Datum
Cores Taken	☐ Yes ☒ No	Heebner	-1163	KB
Electric Log Run	☐ Yes ☒ No	Brown Lime	-1285	KB
List All E. Logs Run:		Lansing	-1302	KB
		Base Kansas City	-1550	KB
		Arbuckle	-1590	KB

CASING RECORD ☒ New ☐ 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
Surface	12.25	8.625	23	378	Common	275	3% cc 2% gel 1/2 lb Flo-seal

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing	-			
☐ Plug Back TD				
☐ Plug Off Zone	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No (If No, skip questions 2 and 3)
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 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)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>		Depth
TUBING RECORD: Size: Set At: Packer At:			Liner Run: ☐ Yes ☐ No		
Date of First, Resumed Production, SWD or ENHR.		Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)		METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. (Submit ACO-5) ☐ Commingled (Submit ACO-4) ☐ Other (Specify) _____		PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6377

Date	2-12-13	Sec.	24	Twp.	19	Range	12	County	Barton	State	Ks	On Location		Finish	3:45AM	
Lease								Mary Jean		Well No.		1		Owner		14N E1S
Contractor								Southwind		#2		To Quality Oilwell Cementing, Inc.		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.		
Type Job								Surface				Charge To		RSM Company		
Hole Size								12 1/4"		T.D.		387'		Street		
Csg.								8 5/8"		Depth		387'		City		State
Tbg. Size										Depth				The above was done to satisfaction and supervision of owner agent or contractor.		
Tool										Depth				Cement Amount Ordered		275 5X Common 3% CC
Cement Left in Csg.								20'		Shoe Joint		20'		Cement		275 5X Common 3% CC
Meas Line								Displace		23 1/4 BLS		2% Gel		2# Flo-seal		
EQUIPMENT				Common		275										
Pumptrk								16		No.		Cement		Poz. Mix		
												Helper		Franks		
Bulktrk								8		No.		Driver		Gel.		5
												Driver		Billy		
Bulktrk								p.u.		No.		Driver		Calcium		10
												Driver		Rick		
JOB SERVICES & REMARKS				Hulls												
Remarks:								Cement did Circulate		Salt						
Rat Hole										Flowseal		150#				
Mouse Hole										Kol-Seal						
Centralizers										Mud CLR 48						
Baskets										CFL-117 or CD110 CAF 38						
D/V or Port Collar										Sand						
										Handling		290				
used 275 5X Common 3% CC 2% Gel										Mileage						
FLOAT EQUIPMENT				Guide Shoe												
Rig Cut 160' of sand										Centralizer						
										Baskets		1		8 5/8"		
										AFU Inserts						
										Float Shoe						
										Latch Down						
										Pumptrk Charge		Surface				
										Mileage		13				
Signature								Tax								
Total Charge								Discount								

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6383

Date	2-17-13	Sec.	24	Twp.	19	Range	12	County	Barton	State	KS	On Location		Finish	3:00 PM		
								Location								Ellenwood w 290 Ave 1 1/4 N En 2	
Lease								Mery Jean		Well No.		1		Owner			
Contractor								South Vend #2						To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Type Job								plug						Charge To			
Hole Size										T.D.		3400		RJM company			
Csg.										Depth				Street			
Tbg. Size								4 1/2 DP		Depth		3376		City State			
Tool										Depth				The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.										Shoe Joint				Cement Amount Ordered			
Meas Line										Displace		H2O - Mudd		205 60/46 4% Gel # Flow			
EQUIPMENT				Common		123											
Pumptrk								16		No.		Cementer		Rick			
												Helper					
Bulktrk								1		No.		Driver		Billy David			
												Driver					
Bulktrk								PU		No.		Driver		Travis			
												Driver					
JOB SERVICES & REMARKS				Hulls													
Remarks:												Salt					
Rat Hole												Flowseal		50#			
Mouse Hole												Kol-Seal					
Centralizers												Mud CLR 48					
Baskets												CFL-117 or CD110 CAF 38					
D/V or Port Collar												Sand					
3376								50 sx				Handling		212			
580								25 sx				Mileage					
450								90 sx				FLOAT EQUIPMENT					
40								10 sx w - plug				Guide Shoe					
cement did circulate												Centralizer					
30 sx Rat Hole												Baskets					
												AFU Inserts					
												Float Shoe					
												Latch Down					
												1 Dry Hole plug					
												Pumptrk Charge		plug			
												Mileage		13			
Signature								Tax									
								Discount									
								Total Charge									

DIAMOND TESTING

General Information Report

General Information

Company Name	RJM COMPANY
Contact	CHRIS HOFFMAN
Well Name	MARY JEAN #1
Unique Well ID	DST #1, LANSING "A-F", 3106-3194
Surface Location	SEC 24-19S-12W, BARTON CO. KS.
Field	CHEYENNE VIEW
Well Type	Vertical
Test Type	CONVENTIONAL
Formation	DST #1, LANSING "A-F" 3106-3194
Well Fluid Type	01 Oil

Representative	TIM VENTERS
Well Operator	RJM COMPANY
Report Date	2013/02/15
Prepared By	TIM VENTERS
Qualified By	WYATT URBIN

Start Test Date	2013/02/15
Final Test Date	2013/02/15

Start Test Time	13:40:00
Final Test Time	19:21:00

Test Recovery:

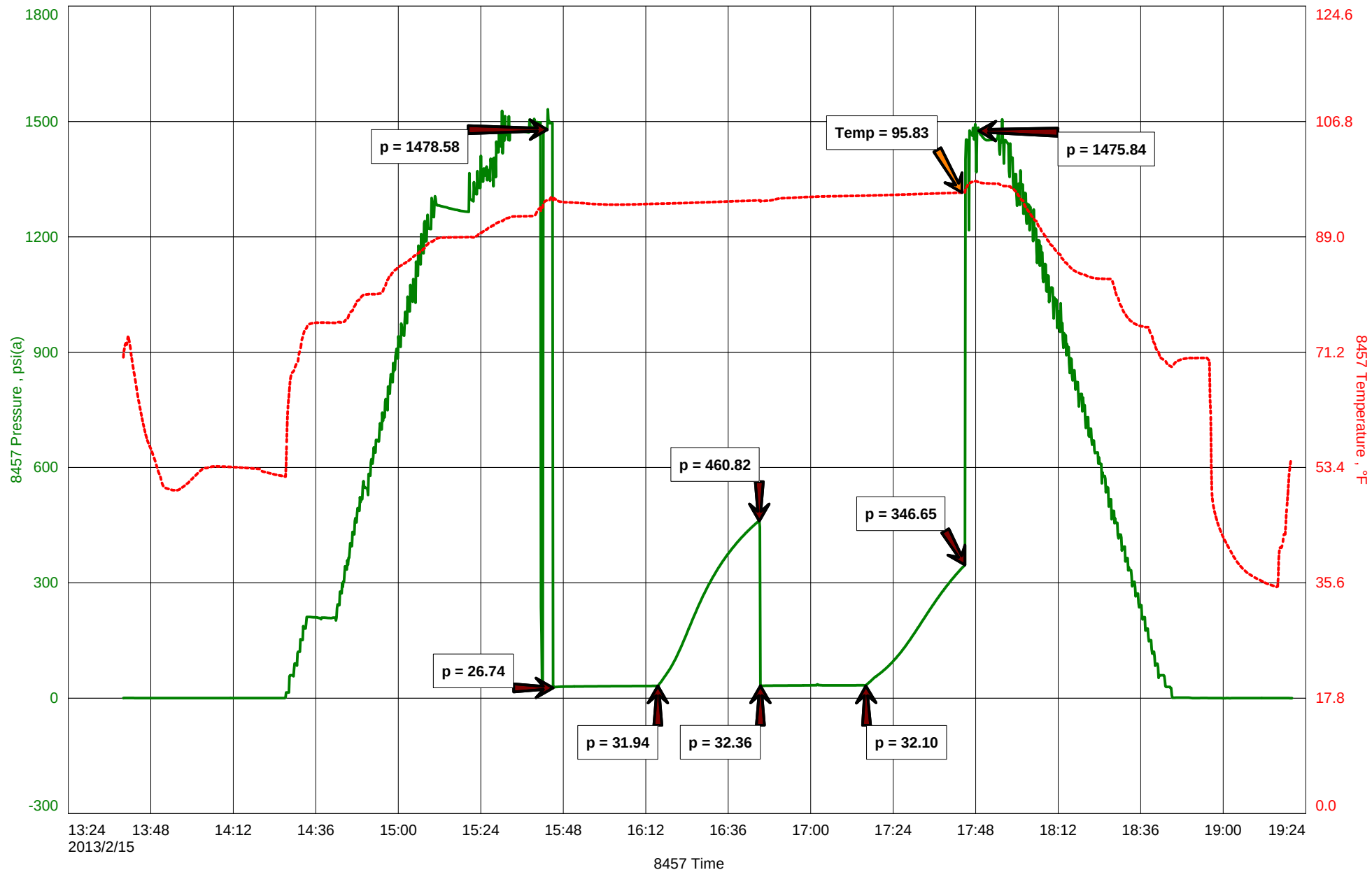
RECOVERED: 55' MUD

TOOL SAMPLE: TRACE OIL, 100% MUD

RJM COMPANY
DST #1, LANSING "A-F", 3106-3194
Start Test Date: 2013/02/15
Final Test Date: 2013/02/15

MARY JEAN #1
Formation: DST #1, LANSING "A-F" 3106-3194
Pool: CHEYENNE VIEW
Job Number: T163

MARY JEAN #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MARYJEAN1DST1

TIME ON: 13:40
TIME OFF: 19:21

Company RJM COMPANY Lease & Well No. MARY JEAN #1
Contractor SOUTHWIND DRILLING, INC. RIG #2 Charge to RJM COMPANY
Elevation 1810 KB Formation LANSING "A-F" Effective Pay _____ Ft. Ticket No. T163
Date 2-15-13 Sec. 24 Twp. _____ 19 S Range _____ 12 W County BARTON State KANSAS
Test Approved By WYATT URBIN Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 3106 ft. to 3194 ft. Total Depth 3194 ft.
Packer Depth 3101 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3106 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3087 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 3191 ft. Recorder Number 11030 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,000 P.P.M. Drill Pipe Length 3073 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 25 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{63' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/4 INCH BLOW BUILDING TO 1 INCH. (NOBB)
2nd Open: WEAK SURFACE BLOW THROUGHOUT PERIOD. (NOBB)

Recovered <u>55</u> ft. of <u>MUD</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>WE SLID ABOUT 10' AND LOST PACKER SEED ON THE 1ST TRY.</u>	Insurance
TOOL SAMPLE: <u>TRACE OIL, 100% MUD</u>	Total

Time Set Packer(s) 3:44 PM A.M. P.M. Time Started Off Bottom 5:44 PM A.M. P.M. Maximum Temperature 96 deg.
Initial Hydrostatic Pressure..... (A) 1479 P.S.I.
Initial Flow Period..... Minutes 30 (B) 27 P.S.I. to (C) 32 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 461 P.S.I.
Final Flow Period..... Minutes 30 (E) 32 P.S.I. to (F) 32 P.S.I.
Final Closed In Period..... Minutes 30 (G) 347 P.S.I.
Final Hydrostatic Pressure..... (H) 1476 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

General Information Report

General Information

Company Name RJM COMPANY
Contact CHRIS HOFFMAN
Well Name MARY JEAN #1
Unique Well ID DST #2, ARBUCKLE, 3350-3391
Surface Location SEC 24-19S-12W, BARTON CO. KS.
Field CHEYENNE VIEW
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #2, ARBUCKLE, 3350-3391
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator RJM COMPANY
Report Date 2013/02/16
Prepared By TIM VENTERS
Qualified By JOSH AUSTIN

Start Test Date 2013/02/16
Final Test Date 2013/02/16

Start Test Time 14:01:00
Final Test Time 18:53:00

Test Recovery:

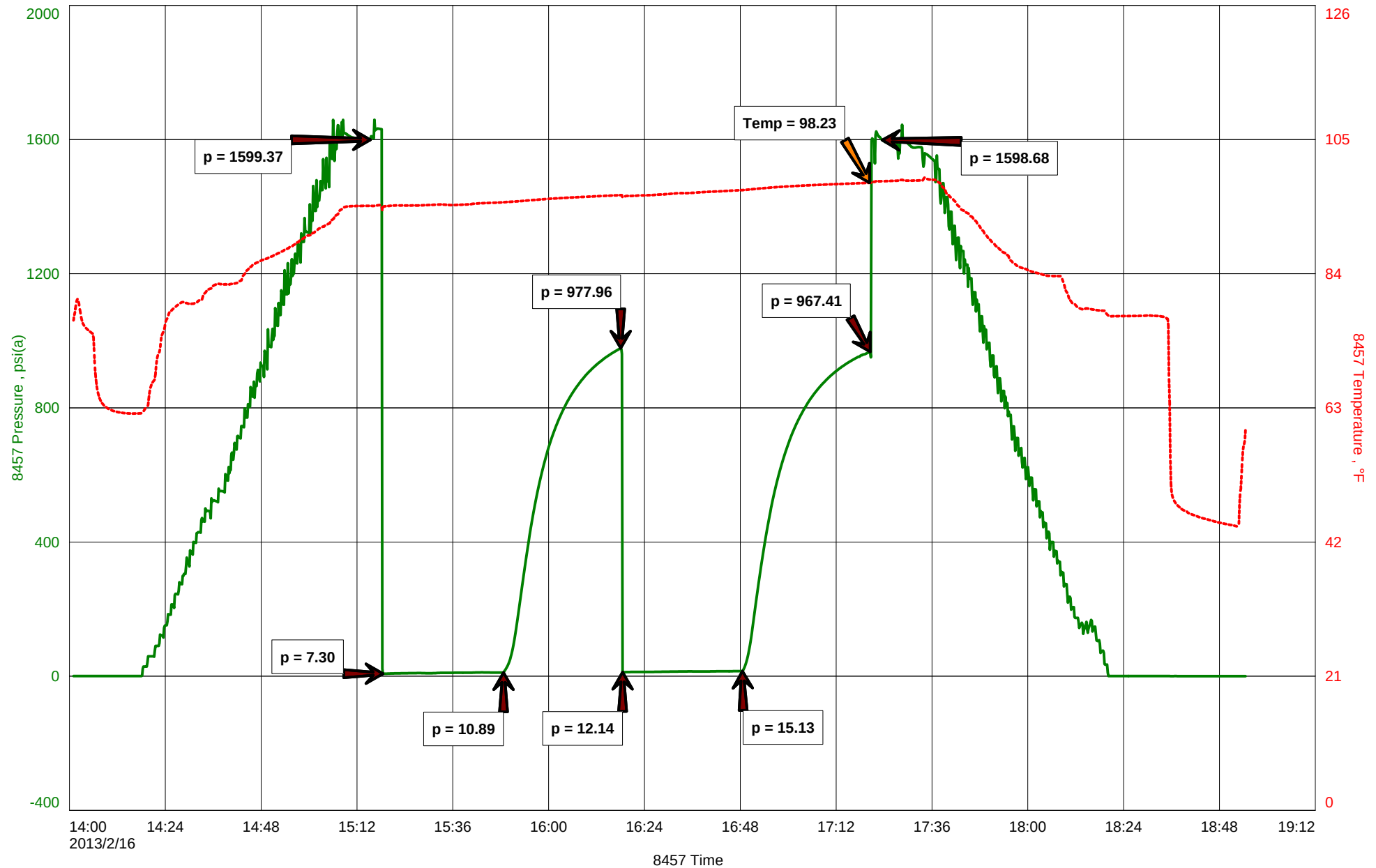
RECOVERED: 1' CLEAN OIL
20' HOCM, 47% OIL, 53% MUD

TOOL SAMPLE: 16% OIL, 84% MUD

RJM COMPANY
DST #2, ARBUCKLE, 3350-3391
Start Test Date: 2013/02/16
Final Test Date: 2013/02/16

MARY JEAN #1
Formation: DST #2, ARBUCKLE, 3350-3391
Job Number: T164

MARY JEAN #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MARYJEAN1DST2

TIME ON: 14:01
TIME OFF: 18:53

Company RJM COMPANY Lease & Well No. MARY JEAN #1
Contractor SOUTHWIND DRILLING, INC. RIG #2 Charge to RJM COMPANY
Elevation 1810 KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. T164
Date 2-16-13 Sec. 24 Twp. 19 S Range 12 W County BARTON State KANSAS
Test Approved By JOSH AUSTIN Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 2 Interval Tested from 3350 ft. to 3391 ft. Total Depth 3391 ft.
Packer Depth 3345 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3350 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3331 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 3388 ft. Recorder Number 11030 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 47 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,000 P.P.M. Drill Pipe Length 3317 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 41 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: WEAK SURFACE BLOW, BUILDING TO 1 1/4 INCHES. (NOBB)
2nd Open: VERY WEAK SURFACE BLOW, BUILDING TO 1/2 INCH. (NOBB)

Recovered 1 ft. of CO, 100% OIL
Recovered 20 ft. of HOCM 47% OIL, 53% MUD
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks: _____
TOOL SAMPLE: 16% OIL, 84% MUD

Price Job
Other Charges
Insurance
Total

Time Set Packer(s) 3:18 PM A.M. P.M. Time Started Off Bottom 5:18 PM A.M. P.M. Maximum Temperature 98 deg.
Initial Hydrostatic Pressure..... (A) 1599 P.S.I.
Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 11 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 978 P.S.I.
Final Flow Period..... Minutes 30 (E) 12 P.S.I. to (F) 15 P.S.I.
Final Closed In Period..... Minutes 30 (G) 967 P.S.I.
Final Hydrostatic Pressure..... (H) 1599 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

General Information Report

General Information

Company Name RJM COMPANY
Contact CHRIS HOFFMAN
Well Name MARY JEAN #1
Unique Well ID DST #3, ARBUCKLE, 3350-3400
Surface Location SEC 24-19S-12W, BARTON CO. KS.
Field CHEYENNE VIEW
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #3, ARBUCKLE, 3350-3400
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator RJM COMPANY
Report Date 2013/02/17
Prepared By TIM VENTERS
Qualified By CHRIS HOFFMAN

Start Test Date 2013/02/17
Final Test Date 2013/02/17

Start Test Time 00:16:00
Final Test Time 06:38:00

Test Recovery:

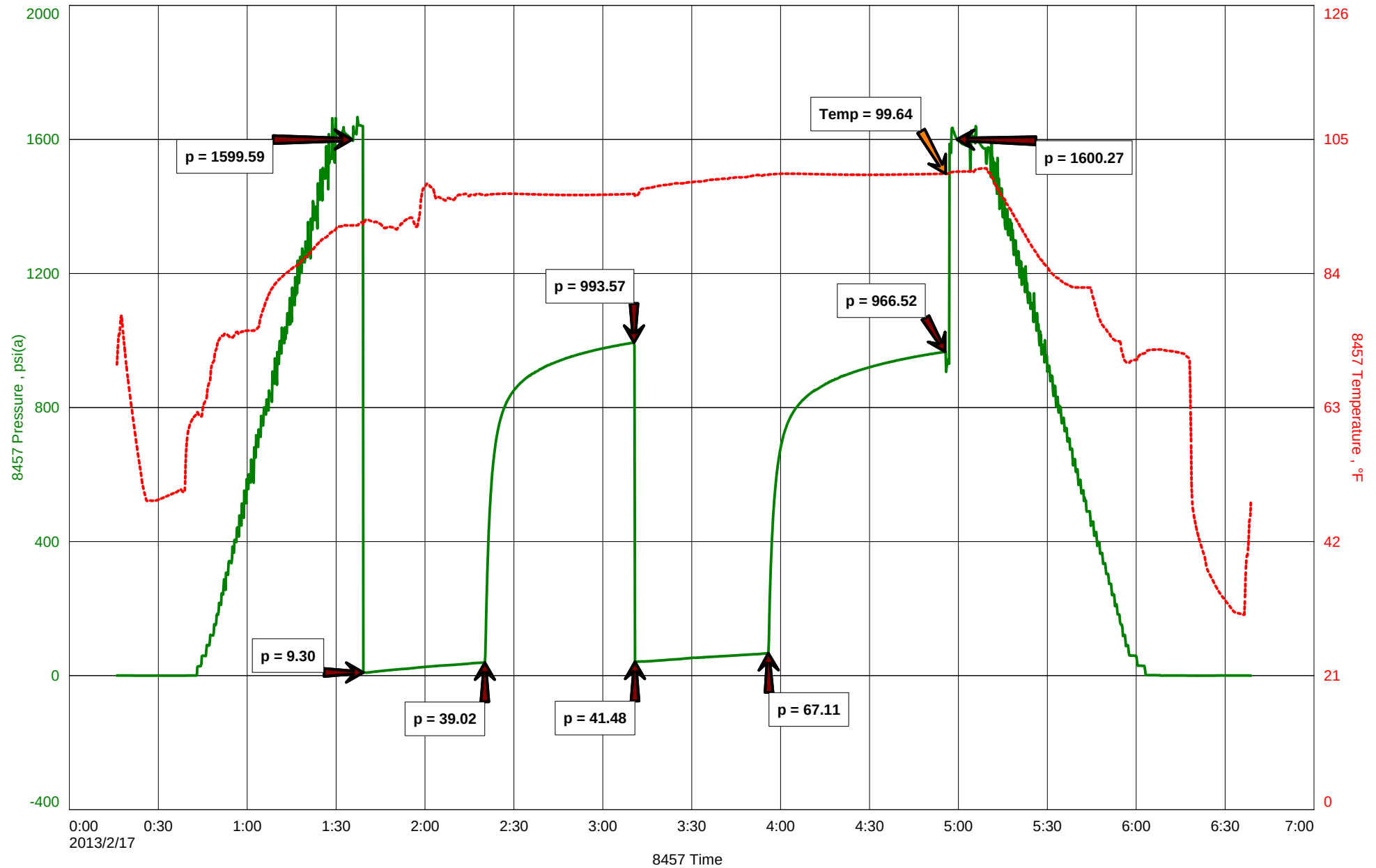
RECOVERED: 65' MW/TR. O, TRACE OIL, 100% MUD
65' VSOCM, 4% OIL, 96% MUD
130' TOTAL FLUID

TOOL SAMPLE: 6% OIL, 94% MUD

RJM COMPANY
DST #3, ARBUCKLE, 3350-3400
Start Test Date: 2013/02/17
Final Test Date: 2013/02/17

MARY JEAN #1
Formation: DST #3, ARBUCKLE, 3350-3400
Pool: CHEYENNE VIEW
Job Number: T165

MARY JEAN #1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MARYJEAN1DST3

TIME ON: 00:16
TIME OFF: 06:38

Company RJM COMPANY Lease & Well No. MARY JEAN #1
Contractor SOUTHWIND DRILLING, INC. RIG #2 Charge to RJM COMPANY
Elevation 1810 KB Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. T165
Date 2-17-13 Sec. 24 Twp. _____ 19 S Range _____ 12 W County BARTON State KANSAS
Test Approved By CHRIS HOFFMAN Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 3 Interval Tested from 3350 ft. to 3400 ft. Total Depth 3400 ft.
Packer Depth 3345 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3350 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3331 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 3397 ft. Recorder Number 11030 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 47 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,000 P.P.M. Drill Pipe Length 3317 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 4 Test Tool Length 33 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. ^{31' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/2 INCH BLOW, BULDING TO 7 1/2 INCHES. (NOBB)
2nd Open: WEAK 1/4 INCH BLOW, BUILDING TO 5 1/2 INCHES. (NOBB)

Recovered 65 ft. of M W/TR. OIL, TRACE OIL
Recovered 65 ft. of VSOCM, 4% OIL, 96% MUD
Recovered 130 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: _____	
TOOL SAMPLE: 6% OIL, 94% MUD	Total

Time Set Packer(s) 1:39 AM A.M. P.M. Time Started Off Bottom 4:54 AM A.M. P.M. Maximum Temperature 100 deg.

Initial Hydrostatic Pressure..... (A) 1600 P.S.I.
Initial Flow Period..... Minutes 45 (B) 9 P.S.I. to (C) 39 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 994 P.S.I.
Final Flow Period..... Minutes 45 (E) 41 P.S.I. to (F) 67 P.S.I.
Final Closed In Period..... Minutes 60 (G) 967 P.S.I.
Final Hydrostatic Pressure..... (H) 1600 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.

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

April 10, 2013

Brian Miller
RJM Company
PO BOX 256
CLAFLIN, KS 67525-0256

Re: ACO1
API 15-009-25810-00-00
Mary Jean 1
SW/4 Sec.24-19S-12W
Barton County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Brian Miller