

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1089894

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
-	
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	On and the Name
Dual Completion Permit #:	Operator Name:
□ SWD Permit #:	Lease Name: License #:
ENHR Permit #:	QuarterSecTwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	

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
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Side Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	gical Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ Yes ☐ Yes	□ No □ No □ No					
List All E. Logs Run:								
		Report all		RECORD No	ew Used ermediate, product	ion, etc.		
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify Fo		RD - Bridge P Each Interval I		e	ļ		ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENH	۶.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITIO	N OF C	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit /		Commingled (Submit ACO-4)		
(If vented, Subi	mit ACC)-18.)		Other (Specify)						

Form	ACO1 - Well Completion
Operator	RJM Company
Well Name	Robl Farms 1
Doc ID	1089894

All Electric Logs Run

Dual induction
Dual compensated
porosity
micro and sonic

QUALITY OILWELL CEMENTING, INC.

X Signature

abert

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Therson

ware thousand a stational stati		Feder	al Tax I.	D.# 20-2	886107	tabalan mikinti malari b	110
Phone 785-483-2025 Cell 785-324-1041	Home	Office	P.O. Box	32 Rus	sell, KS 6766	5 No	446
Date (2-21-12 18	Twp. F	lange	Bac	ton	KS	On Location	2. De Pr
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Total Charge

190

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oliwell Cementing, Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITY" before the job is undertaken or merchandise is delivered: If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts/hvoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

- ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.

- PRICES AND TAXES: All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUS-TOMER.

- TOWING CHARGES: QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUAL-ITY, will be charged to and paid by CUSTOMER.

- PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation. - DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

- SERVICE CONDITIONS AND LIABILITIES: 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.

2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUS-TOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employ-ees.

3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chait information, analysis or research, or recommendations made by QUALI-TY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

QUALI	I Y UILW Feder	ELL al Tax I.			ING, IN	C.
Phone 785-483-2025 Cell 785-324-1041	Home Office	P.O. Box	32 Rus	ssell, KS 67665	No.	4609
Date 6-12-12 18	Twp. Range	Babto	h h	HS	On Location	Finish 7:00pm
Lease Bob Fahms	Well No. #	Location	Elly	wood 3	NEINTO	not only the
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Type Job Sch Rae's	T.D. 263	Y	ou are here	Dilwell Cementing, In eby requested to rer	c. / it cementing equipment wner or contractor to do	and furnish work as listed.
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Prepared For: RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

Robl Farms #1

18-19s-11w

 Start Date:
 2012.06.16 @ 04:07:00

 End Date:
 2012.06.16 @ 10:38:30

 Job Ticket #:
 17683
 DST #:
 1

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

EN		RJM Company			18-	19s-11w	,		
		Po Box 256 Claflin K	ansas 6752	5	Ro	bl Farm	s #1		
	STEP 1				Job	Ticket: 17	7683	D	ST#:1
		ATTN: Jim Musgrov	/e		Tes	t Start: 20	012.06.	16 @ 04:07	7:00
GENERAL	INFORMATION:								
-	Kansas City No Whipstock: ened: 05:48:30 led: 10:38:30	ft (KB)			Tes	ter:	Dustin I		om Hole (Initial) 30
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erial #: 8 ress@RunDe tart Date: tart Time:	epth: 173.72 psig 2012.06.16 04:08:00	End Date: End Time:		2012.06.16 10:38:30	Capacity Last Cali Time On Time Off	b.: Btm:		500 2012.(6.16 @ 05:4 6.16 @ 09:(48:00
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	1st Shut in 45 n 2nd Open 45 n	ninutes Yes blow back ninutes Strong blow ble ninutes Yes blow back	w bottom b		y.	RESSUF	RE SU	MMARY	
 1000 <li< td=""><td>1st Shut in 45 n 2nd Open 45 n 2nd Shut in 60 n Pressure vs. T</td><td>ninutes Yes blow back ninutes Strong blow ble ninutes Yes blow back</td><td>w bottom b</td><td>Time (Min.) 0 1 46 90 92</td><td>y.</td><td>Temp (deg F) 99.26 100.06 102.63 103.91</td><td>Ann Initial Open Shut- End S Open Shut- End S</td><td>otation Hydro-stati To Flow (1) In(1) hut-In(1) To Flow (2)</td><td>)</td></li<>	1st Shut in 45 n 2nd Open 45 n 2nd Shut in 60 n Pressure vs. T	ninutes Yes blow back ninutes Strong blow ble ninutes Yes blow back	w bottom b	Time (Min.) 0 1 46 90 92	y.	Temp (deg F) 99.26 100.06 102.63 103.91	Ann Initial Open Shut- End S Open Shut- End S	otation Hydro-stati To Flow (1) In(1) hut-In(1) To Flow (2))
 1000 <li< td=""><td>1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. T</td><td>ninutes Yes blow back ninutes Strong blow ble ninutes Yes blow back</td><td>ew bottom b</td><td>Ucket instantly Time (Min.) 0 1 46 90 92 134 197</td><td>Pl Pressure (psig) 1648.26 59.45 122.85 422.15 136.99 173.72 418.95</td><td>Temp (deg F) 99.26 100.06 102.63 103.91 103.88 104.79 105.77 105.97</td><td>Ann Initial Open Shut- End S Open Shut- End S</td><td>otation To Flow (1) In(1) Inut-In(1) To Flow (2) In(2) In(2) Inut-In(2) Inydro-statio</td><td>)</td></li<>	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. T	ninutes Yes blow back ninutes Strong blow ble ninutes Yes blow back	ew bottom b	Ucket instantly Time (Min.) 0 1 46 90 92 134 197	Pl Pressure (psig) 1648.26 59.45 122.85 422.15 136.99 173.72 418.95	Temp (deg F) 99.26 100.06 102.63 103.91 103.88 104.79 105.77 105.97	Ann Initial Open Shut- End S Open Shut- End S	otation To Flow (1) In(1) Inut-In(1) To Flow (2) In(2) In(2) Inut-In(2) Inydro-statio)
250 270 770 270 4 Jn 2972 Length (ft)	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. T	ninutes Yes blow back ninutes Strong blow ble ninutes Yes blow back	w bottom b	Time (Min.) 0 1 46 90 92 134 197 198	PI Pressure (psig) 1648.26 59.45 122.85 422.15 136.99 173.72 418.95 1478.70	Temp (deg F) 99.26 100.06 102.63 103.91 103.88 104.79 105.77 105.97 Ga	Ann Initial Open Shut- End S Open Shut- End S Final I	otation To Flow (1) In(1) Inut-In(1) To Flow (2) In(2) In(2) Inut-In(2) Inydro-statio) c
250 250 250 250 250 250 250 250	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. T Pressure vs. T Treeftant Recovery Description Oil cut mud Oil 10% Mud	ninutes Yes blow back ninutes Strong blow ble ninutes Yes blow back	w bottom b	Time (Min.) 0 1 46 90 92 134 197 198	PI Pressure (psig) 1648.26 59.45 122.85 422.15 136.99 173.72 418.95 1478.70	Temp (deg F) 99.26 100.06 102.63 103.91 103.88 104.79 105.77 105.97	Ann Initial Open Shut- End S Open Shut- End S Final I s Rate	otation Hydro-stati To Flow (1) hut-ln(1) To Flow (2) h(2) hut-ln(2) Hydro-statio) c
200 200 200 200 200 200 200 200	1st Shut in 45 n 2nd Open 45 n 2nd Shut in 60 n Pressure vs. T	ninutes Yes blow back ninutes Strong blow ble ninutes Yes blow back	w bottom b	Time (Min.) 0 1 46 90 92 134 197 198	PI Pressure (psig) 1648.26 59.45 122.85 422.15 136.99 173.72 418.95 1478.70	Temp (deg F) 99.26 100.06 102.63 103.91 103.88 104.79 105.77 105.97	Ann Initial Open Shut- End S Open Shut- End S Final I	otation Hydro-stati To Flow (1) hut-ln(1) To Flow (2) h(2) hut-ln(2) Hydro-statio) c
200 200 200 200 200 200 200 200	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. T Pressure vs. T T T T T T T T T T T T T T T T T T T	ninutes Yes blow back ninutes Strong blow ble ninutes Yes blow back	w bottom b	Time (Min.) 0 1 46 90 92 134 197 198	PI Pressure (psig) 1648.26 59.45 122.85 422.15 136.99 173.72 418.95 1478.70	Temp (deg F) 99.26 100.06 102.63 103.91 103.88 104.79 105.77 105.97	Ann Initial Open Shut- End S Open Shut- End S Final I s Rate	otation Hydro-stati To Flow (1) hut-ln(1) To Flow (2) h(2) hut-ln(2) Hydro-statio) c
1500 1500 1500 100 1000 1	1st Shut in 45 n 2nd Open 45 n 2nd Shut in 60 n Pressure vs. T	ninutes Yes blow back ninutes Strong blow blek ninutes Yes blow back	w bottom b	Time (Min.) 0 1 46 90 92 134 197 198	PI Pressure (psig) 1648.26 59.45 122.85 422.15 136.99 173.72 418.95 1478.70	Temp (deg F) 99.26 100.06 102.63 103.91 103.88 104.79 105.77 105.97	Ann Initial Open Shut- End S Open Shut- End S Final I s Rate	otation Hydro-stati To Flow (1) hut-ln(1) To Flow (2) h(2) hut-ln(2) Hydro-statio) c

Superior Testers Enterprises LLC Ref. No: 17683

		RJM Company			18-	19s-11w	,			
		Po Box 256 Claflin k	Kansas 6752	5	Ro	bl Farm	s #1			
						Ticket: 17			DST#:	1
		ATTN: Jim Musgro	ve		Tes	t Start: 20)12.06.	16 @ 04:0	07:00	
JENERAL I	INFORMATION:									
	Kansas City No Whipstock: ned: 05:48:30 ed: 10:38:30	ft (KB)			Tes	ter: I	Dustin I	ntional Bot Ellis Great Bend		le (Initial)
nterval: ⁻ otal Depth: l ole Diameter:	3068.00 ft (KB) To 31 3120.00 ft (KB) (TV 7.88 inchesHole				Ref	erence Ele KB t	evations	1		ft (KB) ft (CF) ft
Serial #: 8 ress@RunDe tart Date: tart Time:		End Date: End Time:))	2012.06.16 10:39:00	Capacity Last Cali Time On Time Off	b.: Btm: 2				
EST COMI	2nd Open 45 n	ninutes Fair building bl ninutes Yes blow bac ninutes Strong blow bl ninutes Yes blow bac	k ew bottomb							
TEST COMI	1st Shut in 45 n 2nd Open 45 n 2nd Shut in 60 n Pressure vs. T	ninutes Yes blow bac ninutes Strong blow bl ninutes Yes blow bac	k ew bottomb		/.	RESSUF	RE SU	IMMARY	Ý	
 530 530	1st Shut in 45 n 2nd Open 45 n 2nd Shut in 60 n	ninutes Yes blow bacl ninutes Strong blow bl ninutes Yes blow bacl	k ew bottomb	Ucket instantly Time (Min.) 0 1 46 90	/.	Temp (deg F) 102.48 104.42 105.91 106.58	Ann Initial Open Shut- End S Open Shut- End S	Hydro-sta To Flow (In(1) Shut-In(1) To Flow (atic 1) 2)	
 530 530	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. T	minutes Yes blow back minutes Strong blow back minutes Yes blow back Fine 900 Forgenture 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	k ew bottom bi k 100 100 100 100 100 100 100 100 100 1	Ucket instantly Time (Min.) 0 1 46 90 92 134 197	/. Pressure (psig) 1568.76 299.33 183.80 422.73 149.39 179.36 420.25	Temp (deg F) 102.48 104.42 105.91 106.58 106.48 107.02 107.72 108.20	Ann Initial Open Shut- End S Open Shut- End S	Hydro-sta To Flow (In(1) To Flow (In(2) Shut-In(2) Hydro-sta	atic 1) 2)	
500 220 770 500 500 500 500 500 500 50	1st Shut in 45 n 2nd Open 45 n 2nd Shut in 60 n Pressure vs. T Pressure vs. T Pre	minutes Yes blow back minutes Strong blow back minutes Yes blow back Fine 900 Temperature 900	k ew bottom bi k	Ucket instantly Time (Min.) 0 1 46 90 92 134 197 198	/. Pressure (psig) 1568.76 299.33 183.80 422.73 149.39 179.36 420.25 1485.95	Temp (deg F) 102.48 104.42 105.91 106.58 106.48 107.02 107.72 108.20 Ga	Ann Initial Open Shut- End S Final I Final I	Hydro-sta To Flow (In(1) To Flow (In(2) Shut-In(2) Hydro-sta	atic (1) (2) atic	as Rate (m³/d)
500 500 500 500 500 500 500 500	1st Shut in 45 n 2nd Open 45 n 2nd Shut in 60 n Pressure vs. T	minutes Yes blow back minutes Strong blow back fine fine for the strong blow back for the strong	k ew bottom bi k	Time (Min.) 0 1 46 90 92 134 197 198	/. Pressure (psig) 1568.76 299.33 183.80 422.73 149.39 179.36 420.25 1485.95 1485.95	Temp (deg F) 102.48 104.42 105.91 106.58 106.48 107.02 107.72 108.20 Ga	Ann Initial Open Shut- End S Open Shut- End S Final I s Rate	Hydro-sta To Flow (In(1) Shut-In(1) To Flow (In(2) Shut-In(2) Hydro-sta	atic (1) (2) atic	as Rate (m²/d)
200 200 200 200 200 200 200 200	1st Shut in 45 n 2nd Open 45 n 2nd Shut in 60 n Pressure vs. T Pressure vs. T TreePtase TreePtase Column TreePtase Column TreePtase Column TreePtase Column	minutes Yes blow back minutes Strong blow back fine 900 Temperate 90% 0.35 0.35	k ew bottom bi k	Ucket instantly Time (Min.) 0 1 46 90 92 134 197 198	/. Pressure (psig) 1568.76 299.33 183.80 422.73 149.39 179.36 420.25 1485.95 1485.95	Temp (deg F) 102.48 104.42 105.91 106.58 106.48 107.02 107.72 108.20 Ga	Ann Initial Open Shut- End S Final I Final I	Hydro-sta To Flow (In(1) Shut-In(1) To Flow (In(2) Shut-In(2) Hydro-sta	atic (1) (2) atic	as Rate (m³/d)
200 200 200 200 200 200 200 200	1st Shut in 45 n 2nd Open 45 n 2nd Shut in 60 n Pressure vs. T Pressure vs. T Tree (turs) Tree (turs) Recovery Description Oil cut mud Oil 10% Mud Gassy oil cut mud Gass 70% Oil 25% Mud 5	minutes Yes blow back minutes Strong blow back fine see see show back fine yes blow back fine fine yes blow back fine yes blow back fine fine fine yes blow back fine fine fine fine fine fine fine fine	k ew bottom bi k	Time (Min.) 0 1 46 90 92 134 197 198	/. Pressure (psig) 1568.76 299.33 183.80 422.73 149.39 179.36 420.25 1485.95 1485.95	Temp (deg F) 102.48 104.42 105.91 106.58 106.48 107.02 107.72 108.20 Ga	Ann Initial Open Shut- End S Open Shut- End S Final I s Rate	Hydro-sta To Flow (In(1) Shut-In(1) To Flow (In(2) Shut-In(2) Hydro-sta	atic (1) (2) atic	as Rate (m²/d)
E500 E500 F00 F000 F000 F00 F00 F00 F00 F00 F00 F00 F00 F00 F00 F00 F00 F00 F00 F00 F00 F00	1st Shut in 45 n 2nd Open 45 n 2nd Shut in 60 n Pressure vs. T Pressure vs. T TreePtase TreePtase Column TreePtase Column TreePtase Column TreePtase Column	minutes Yes blow back minutes Strong blow back Fine 900 Free Provide Automatical 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	k ew bottom bi k	Time (Min.) 0 1 46 90 92 134 197 198	/. Pressure (psig) 1568.76 299.33 183.80 422.73 149.39 179.36 420.25 1485.95 1485.95	Temp (deg F) 102.48 104.42 105.91 106.58 106.48 107.02 107.72 108.20 Ga	Ann Initial Open Shut- End S Open Shut- End S Final I s Rate	Hydro-sta To Flow (In(1) Shut-In(1) To Flow (In(2) Shut-In(2) Hydro-sta	atic (1) (2) atic	as Rate (m²/d)

Superior Testers Enterprises LLC Ref. No: 17683

	RERI		DRI	LL STE	MTEST	REPO	RT	TOOL DIAGRAM
		;	RJM Co	ompany			18-19 s -11w	
	CTEN/		Po Box	256 Claflin K	ansas 67525		Robl Farms #1	
							Job Ticket: 17683	DST#:1
			ATTN:	Jim Musgrov	/e		Test Start: 2012.06.16 @	@ 04:07:00
Tool Informatio	on		ļ					
Drill Pipe:	Length:	2897.00 ft	Diameter:	3.80 in	ches Volume:	40.64 bb	I Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 in	ches Volume:	0.00 bb	Weight set on Packer	: 20000.00 lb
Drill Collar:	Length:	158.79 ft	Diameter:	2.25 in	ches Volume:	0.78 bb	Weight to Pull Loose:	64000.00 lb
		7 70 4			Total Volume:	41.42 bb	Tool Chased	6.00 ft
Drill Pipe Above I		7.79 ft					String Weight: Initial	40000.00 lb
Depth to Top Pac		3068.00 ft ft					Final	40000.00 lb
Depth to Bottom Interval betw een		52.22 ft						
Tool Length:	I FACKEIS.	72.22 ft						
Number of Packe	ers.	2	Diameter:	6.75 in	ches			
Tool Comments:		_		0110				
Tool Description	on	Le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool			5.00			3053.00		
Hydrolic Tool			5.00			3058.00		
Packer			5.00			3063.00	20.00	Bottom Of Top Packer
Packer			5.00			3068.00		•

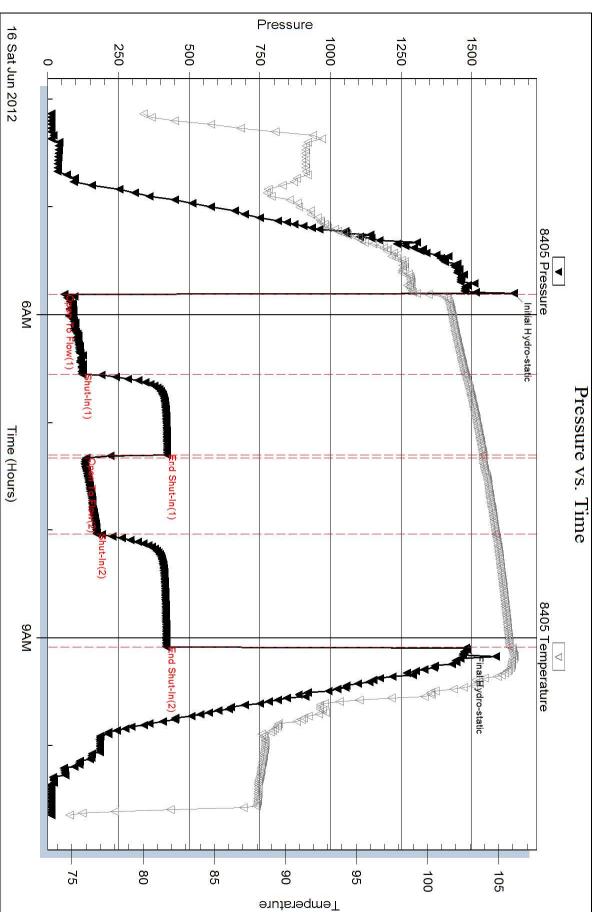
Packer	5.00			3063.00	20.00	Bottom Of Top Packer
Packer	5.00			3068.00		
Perforations	0.00			3068.00		
Change Over Sub	0.75			3068.75		
Drill Pipe	31.72			3100.47		
Change Over Sub	0.75			3101.22		
Perforations	14.00			3115.22		
Recorder	1.00	8400	Inside	3116.22		
Recorder	1.00	8405	Outside	3117.22		
Bull Plug	3.00			3120.22	52.22	Bottom Packers & Anchor

Total Tool Length: 72.22

		DRI	LL STEM TEST REPO	RT	FLU	ID SUMMAR
ENTERPRISES		RJM Co	ompany	18-19s-11	W	
		Po Box	256 Claflin Kansas 67525	Robl Fari	ms #1	
				Job Ticket:	17683 DS	T#:1
		ATTN:	Jim Musgrove	Test Start:	2012.06.16 @ 04:07:0	00
lud and Cushion	Information					
/ud Type: Gel Chem			Cushion Type:		Oil A PI:	deg API
/lud Weight: 9	.00 lb/gal		Cushion Length:	ft	Water Salinity:	ppm
iscosity: 48	.00 sec/qt		Cushion Volume:	bbl		
Vater Loss: 8	.79 in ³		Gas Cushion Type:			
Resistivity:	ohm.m		Gas Cushion Pressure:	psig		
-	.00 ppm					
ïlter Cake: 1	.00 inches					
Recovery Informa	tion					
			Recovery Table			
	Leng	th	Description	Volume	7	
	ft			bbl		
		72.00	Oil cut mud Oil 10% Mud 90%	0.35	4	
		72.00	Gassy oil cut mud	0.35		
		0.00	Gas 70% Oil 25% Mud 5%	0.00		
		72.00	Oil 75%gas Gas 75% Oil 25%	0.87		
		72.00	Oil cut mud 90%Oil 10%Mud	1.01		
		72.00	Oil Pluse gas Gas70% Oil30%	1.01	0	
	Total Length:	360	.00 ft Total Volume: 3.603	bbl		
	Num Fluid Samp	oles: 0	Num Gas Bombs: 0	Serial #	#:	
	Laboratory Nar		Laboratory Location:			
	Recovery Com					

Printed: 2012.06.19 @ 22:50:09

Superior Testers Enterprises LLC Ref. No: 17683



Serial #: 8405

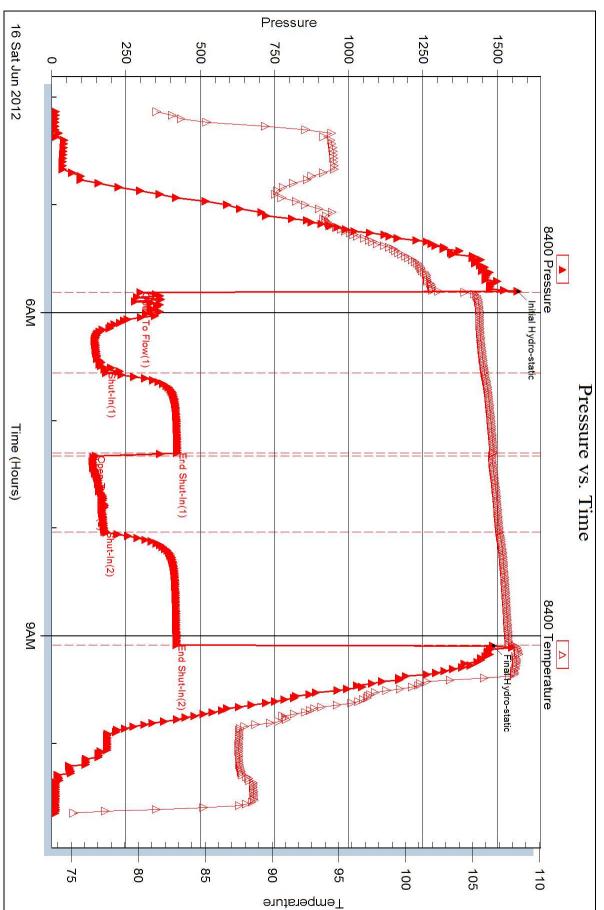
Outside

RJM Company

Robl Farms #1

Printed: 2012.06.19 @ 22:50:09

Superior Testers Enterprises LLC Ref. No: 17683



Robl Farms #1

Serial #: 8400

Inside

RJM Company



Prepared For: RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

Robl Farms #1

18-19s-11w

 Start Date:
 2012.06.17 @ 08:16:00

 End Date:
 2012.06.17 @ 15:07:30

 Job Ticket #:
 17684
 DST #:
 2

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

RERIA	DRILL	STEM TE	S	FREP	ORT					
ENTERPRISES LLC	RJM Compar	ıy			18	-19s-11w	1			
	Po Box 256	Claflin Kansas 67	7525		Ro	Robl Farms #1				
						Job Ticket: 17684			[#:2	
	ATTN: Jim	Musgrove			Tes	st Start: 20	012.06.1	7 @ 08:16:0	0	
GENERAL INFORMATION:										
Formation: Lancing F Deviated: No Whipstock: Time Tool Opened: 09:54:00 Time Test Ended: 15:07:30	ft	(КВ)			Tes	ster:	Conventi Dustin El 3315-GE	lis	Hole (Initial)	
Interval:3125.00 ft (KB) To3Total Depth:3160.00 ft (KB) (THole Diameter:7.88 inches Hole					Re	ference Ele	evations: to GR/CF	1792	.00 ft (KB) .00 ft (CF) .00 ft	
Serial #: 8405InsidePress@RunDepth:340.33 psigStart Date:2012.06.17Start Time:08:17:00TEST COMMENT:1st Open 45 m1st Shut in 45 m2nd Open 45 m2nd Open 45 m2nd Shut in 60 m	End Da End Tir ninutes Strong b ninutes Yes blo ninutes Strong b	ne: blow built to botto w back blow bottom buck	om bu		Capacity Last Ca Time On Time Of	lib.: 1 Btm:		5000 2012.06 17 @ 09:53 17 @ 13:14	:30	
Pressure vs.	Гіте				P	RESSU		MARY		
255 Prosure 505 P	805 Kengen		Temperature 8 Ure 8 D	Time (Min.) 0 1 46 94 94 135 200 201	Pressure (psig) 1540.14 75.19 259.78 508.65 259.31 340.33 504.75 1472.08	Temp (deg F) 100.05 100.01 101.82 103.22	Anno Initial H Open T Shut-In End Sh Open T Shut-In End Sh	tation ydro-static o Flow (1) (1) (1) ut-In(1) o Flow (2) (2)		
Recovery						Ga	s Rates	6		
Length (ft) Description		Volume (bbl)				Choke (inches) P	essure (psig)	Gas Rate (m³/d)	
244.00 Oil cut muddy w ater		1.98								
0.00 Oil 5%Mud 40% Water 3		0.00								
244.00 Oil&Gas cut muddy w at		3.42								
0.00 Gas 5% Oil 10% Mud 40	% Water 30%	0.00								
238.00 Oil &Gas cut water	250/	3.34								
0.00 Gas 5% Oil 10% Water 8	00%	0.00								

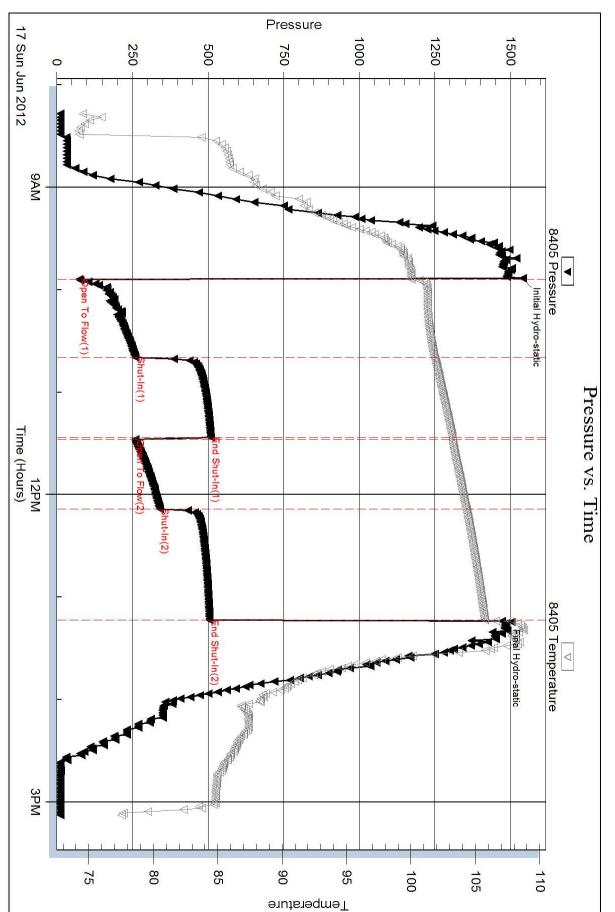
N ERI	DRILLS	STEM TES	ST REP	ORT					
ENTERPRISES LLC	RJM Company	y		18-	-19s-11w	,			
	Po Box 256 C	aflin Kansas 6752	5	Ro	Robl Farms #1				
			Job	Job Ticket: 17684 DST#:			2		
	ATTN: Jim M	lusgrove		Tes	st Start: 20)12.06.17 @	08:16:00		
GENERAL INFORMATION:									
Formation:Lancing FDeviated:NoWhipstock:Time Tool Openee:09:54:0000000000000000000000000000000000	ft (I	KB)		Tes	ster:	Conventiona Dustin Ellis 3315-GB-30		ole (Initial)	
Interval:3125.00 ft (KB) To31Total Depth:3160.00 ft (KB) (TVHole Diameter:7.88 inches Hole	/D)	-		Ref	erence Ele KB t	evations: to GR/CF:	1792.00	0 ft (KB) 0 ft (CF) 0 ft	
Serial #: 8400OutsidePress@RunDepth:504.20 psigStart Date:2012.06.17Start Time:08:17:00TEST COMMENT:1st Open 45 min1st Shut in 45 min	End Date End Tim inutes Strong ble inutes Yes blow	e: e: ow built to bottom l / back		Capacity Last Cali Time On Time Off tes	ib.: Btm: 2	2012.06.17 2012.06.17		7 0	
2nd Shut in 60 m		ow_bottom bucket : / back	20 111110100 .						
Pressure vs. T	Time \$400 Temperatur 	115	Time (Min.)	Pressure	Temp	RE SUMM			
	S400 Temperalu	- 115 - 110 - 105 - 105 - 105 - 100	(Min.) 0 1 46 94	Pressure (psig) 1539.86 83.10 252.29 508.28 258.31	Temp (deg F) 100.50 100.08 113.67 111.67	Annotation Initial Hydr Open To F	on ro-static Flow (1) In(1)		
	S400 Temperalu	• • • • • • • • • • • • • • • • • • •	(Min.) 0 1 46 94	Pressure (psig) 1539.86 83.10 252.29 508.28	Temp (deg F) 100.50 100.08 113.67 111.67	Annotatie Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I	on ro-static Flow (1) In(1) Flow (2) In(2)		
		- 195 - 190 - 105 - 100 - 105 - 100 - 105 - 100 - 105 - 100 - 50 - 50	(Min.) 0 1 46 94 94 135 201	Pressure (psig) 1539.86 83.10 252.29 508.28 258.31 339.58 504.20	Temp (deg F) 100.50 100.08 113.67 111.67 111.54 110.55 110.43 110.82	Annotati Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydr	on ro-static Flow (1) In(1) Flow (2) In(2)		
Pan hr 222			(Min.) 0 1 46 94 94 135 201	Pressure (psig) 1539.86 83.10 252.29 508.28 258.31 339.58 504.20	Temp (deg F) 100.50 100.08 113.67 111.67 111.54 110.55 110.43 110.82	Annotati Initial Hydr Open To F Shut-In(1) End Shut-In Shut-In(2) End Shut-In Final Hydr	on ro-static Flow (1) In(1) Flow (2) In(2) o-static		
Pan Jan 2012 Pan Jan 2012 Length (ft)		- 190 - 100 - 000 - 90 - 90 - 90 - 90 - 90 - 90 -	(Min.) 0 1 46 94 94 135 201	Pressure (psig) 1539.86 83.10 252.29 508.28 258.31 339.58 504.20	Temp (deg F) 100.50 100.08 113.67 111.67 111.54 110.55 110.43 110.82	Annotati Initial Hydr Open To F Shut-In(1) End Shut-In Shut-In(2) End Shut-In Final Hydr	on ro-static Flow (1) In(1) Flow (2) In(2) o-static	Gas Rate (m³/d)	
Tomular 2012 Elength (ft) 244.00 Did cut muddy w ater		Volume (bbl) 1.98	(Min.) 0 1 46 94 94 135 201	Pressure (psig) 1539.86 83.10 252.29 508.28 258.31 339.58 504.20	Temp (deg F) 100.50 100.08 113.67 111.67 111.54 110.55 110.43 110.82	Annotati Initial Hydr Open To F Shut-In(1) End Shut-In Shut-In(2) End Shut-In Final Hydr	on ro-static Flow (1) In(1) Flow (2) In(2) o-static	Gas Rate (m³/d)	
The second secon		Volume (bbl) 1.98 0.000	(Min.) 0 1 46 94 94 135 201	Pressure (psig) 1539.86 83.10 252.29 508.28 258.31 339.58 504.20	Temp (deg F) 100.50 100.08 113.67 111.67 111.54 110.55 110.43 110.82	Annotati Initial Hydr Open To F Shut-In(1) End Shut-In Shut-In(2) End Shut-In Final Hydr	on ro-static Flow (1) In(1) Flow (2) In(2) o-static	Gas Rate (m³/d)	
Toman 2012 Sealers of the same sealers of the		Volume (bbl) 1.98 0.00 3.42	(Min.) 0 1 46 94 94 135 201	Pressure (psig) 1539.86 83.10 252.29 508.28 258.31 339.58 504.20	Temp (deg F) 100.50 100.08 113.67 111.67 111.54 110.55 110.43 110.82	Annotati Initial Hydr Open To F Shut-In(1) End Shut-In Shut-In(2) End Shut-In Final Hydr	on ro-static Flow (1) In(1) Flow (2) In(2) o-static	Gas Rate (m³/d)	
Provide and the second		Volume (bbl) 1.98 0.00 3.42 0.00	(Min.) 0 1 46 94 94 135 201	Pressure (psig) 1539.86 83.10 252.29 508.28 258.31 339.58 504.20	Temp (deg F) 100.50 100.08 113.67 111.67 111.54 110.55 110.43 110.82	Annotati Initial Hydr Open To F Shut-In(1) End Shut-In Shut-In(2) End Shut-In Final Hydr	on ro-static Flow (1) In(1) Flow (2) In(2) o-static	Gas Rate (m³/d)	
Provide a second	200 Temperative 1 100 Temperati	Volume (bbl) 1.98 0.00 3.42	(Min.) 0 1 46 94 94 135 201	Pressure (psig) 1539.86 83.10 252.29 508.28 258.31 339.58 504.20	Temp (deg F) 100.50 100.08 113.67 111.67 111.54 110.55 110.43 110.82	Annotati Initial Hydr Open To F Shut-In(1) End Shut-In Shut-In(2) End Shut-In Final Hydr	on ro-static Flow (1) In(1) Flow (2) In(2) o-static	Gas Rate (m³/d)	

	ERIO		DRI	LL ST	EMTEST	REPO	RT	TOOL DIAGRAM
		;	RJM Co	ompany			18-19s-11w	
	CTER/		Po Box	256 Claflin	Kansas 67525		Robl Farms #1	
							Job Ticket: 17684	DST#:2
			ATTN:	Jim Musgr	ove		Test Start: 2012.06.17 @	2 08:16:00
Tool Informatio	 วท		ļ					
Drill Pipe:	Length:	2959.00 ft	Diameter:	3.80	inches Volume:	41.51 bb	I Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches Volume:	0.00 bb	Weight set on Packer	: 20000.00 lb
Drill Collar:	Length:	158.79 ft	Diameter:	2.25	inches Volume:	0.78 bb	Weight to Pull Loose:	51000.00 lb
	ZD .	12.79 ft			Total Volume:	42.29 bb	Tool Chased	4.00 ft
Drill Pipe Above k		12.79 ft 3125.00 ft					String Weight: Initial	41000.00 lb
Depth to Top Pac Depth to Bottom I		3125.00 ft					Final	42000.00 lb
Interval betw een								
Tool Length:	rackers.	55.00 ft						
Number of Packe	vrs.	2	Diameter:	6 75	inches			
Tool Comments:								
Tool Description	on	Le	ngth (ft)	Serial No	. Position	Depth (ft)	Accum. Lengths	
Shut-In Tool			5.00			3110.00		
Hydrolic Tool			5.00			3115.00		
Packer			5.00			3120.00	20.00	Bottom Of Top Packer
Packer			5.00			3125.00		
Perforations			30.00			3155.00		
Recorder			1.00	8405	i Inside	3156.00		
Decender			1.00	8500	Outside	3157.00		
Recorder								
Bull Plug			3.00			3160.00	35.00 Bo	ottom Packers & Anchor

ENTERPRISES LLC	RJM C	ompany	18-19s-11v	N	
		256 Claflin Kansas 67525	Robl Farr	ns #1	
COTED			Job Ticket:)ST#:2
	ATTN:	Jim Musgrove	Test Start: 2	2012.06.17 @ 08:10	6:00
lud and Cushion Info	ormation				
ud Type: Gel Chem		Cushion Type:		Oil A PI:	deg API
ud Weight: 9.00 l	b/gal	Cushion Length:	ft	Water Salinity:	ppm
iscosity: 48.00 s	-	Cushion Volume:	bbl	,	
ater Loss: 8.79 i		Gas Cushion Type:			
esistivity:	ohm.m	Gas Cushion Pressure:	psig		
alinity: 6000.00 p	opm nches		1-3		
ecovery Information					
,	-	Recovery Table			
	Length ft	Description	Volume bbl		
	244.00	Oil cut muddy w ater	1.97	6	
	0.00	Oil 5%Mud 40% Water 30%	0.00	-	
	244.00	Oil&Gas cut muddy water	3.42	3	
	0.00	Gas 5% Oil 10% Mud 40% Water 30%	0.00	-	
	238.00	Oil &Gas cut water	3.33	-	
	0.00	Gas 5% Oil 10% Water 85%	0.00	2	
To	tal Length: 726	.00 ft Total Volume: 8.738 bl	bl		
		Num Gas Bombs: 0	Serial #		
Nu	m Fluid Samples: 0				
	m Fluid Samples: 0 boratory Name:	Laboratory Location:	Contain,		
Lal	boratory Name:	Laboratory Location:			
Lal		Laboratory Location:	Condina		
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			
Lal	boratory Name:	Laboratory Location:			

Printed: 2012.06.19 @ 22:52:08

Superior Testers Enterprises LLC Ref. No: 17684



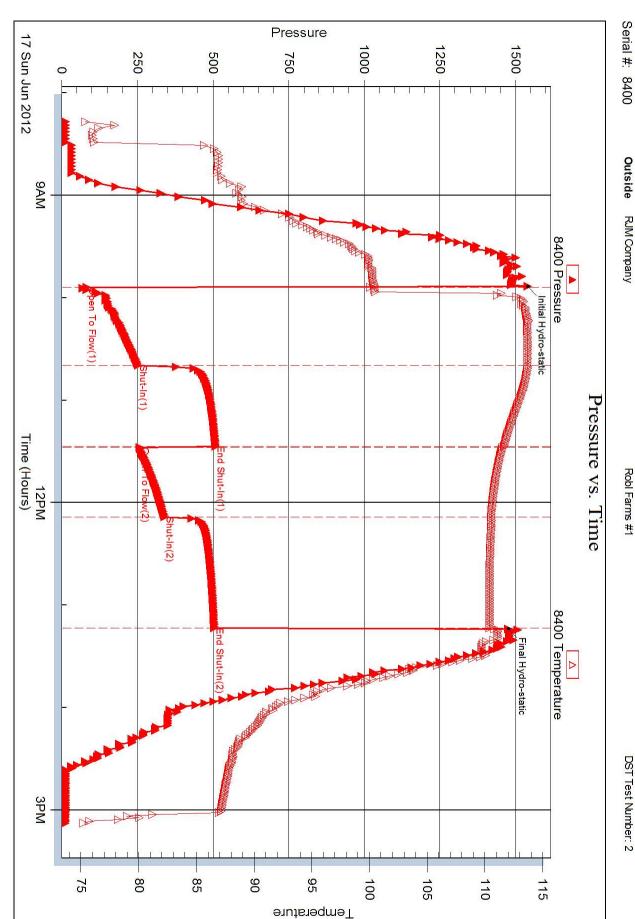
Serial #: 8405 Inside

B RJM Company

Robl Farms #1

Printed: 2012.06.19 @ 22:52:09

Superior Testers Enterprises LLC Ref. No: 17684



Outside RJM Company

Robl Farms #1



Prepared For: RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

Robl Farms #1

18-19s-11w

 Start Date:
 2012.06.16 @ 09:16:00

 End Date:
 2012.06.16 @ 16:22:30

 Job Ticket #:
 17685
 DST #:
 3

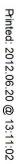
Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

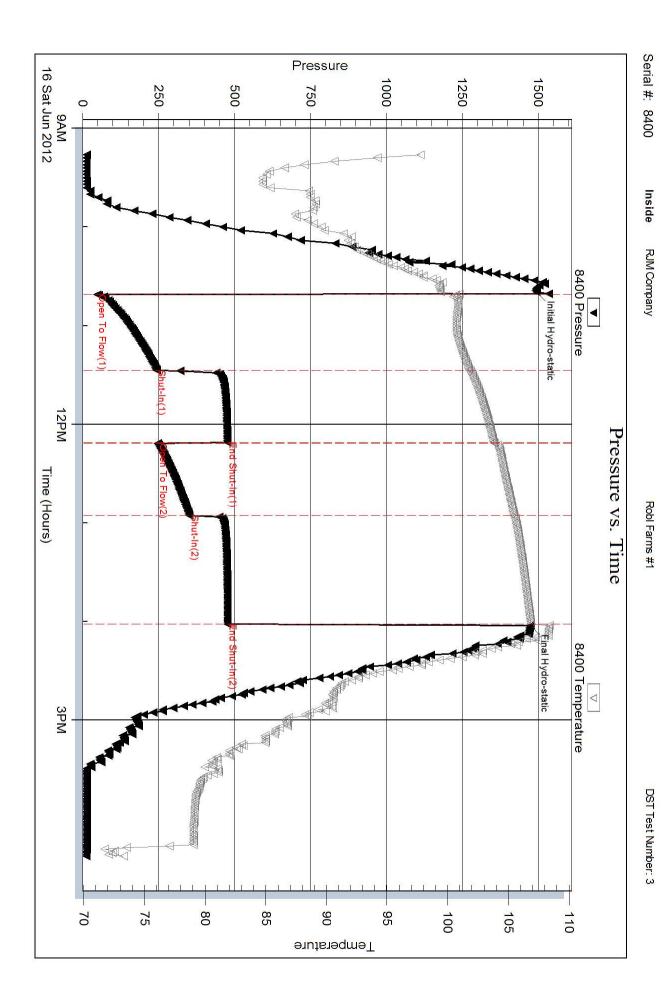
IN ERIO	DRILL STEM T	ES	T REPO	ORT				
ENTERPRISES LLC	RJM Company			18	-19s-11w	1		
	Po Box 256 Claflin Kansas	67525		Ro	bl Farm	s #1		
				Job Ticket: 17685 DST#:3				#: 3
	ATTN: Jim Musgrove			Tes	st Start: 20	012.06.16	8 @ 09:16:00)
GENERAL INFORMATION:	•							
Formation:Lancing G-HDeviated:NoWhipstoTime Tool Opened:10:41:00Time Test Ended:16:22:30	ck: ft (KB)			Tes	ster:	Conventio Dustin Ell 3315-GB		Hole (Initial)
Interval:3160.00 ft (KB) ToTotal Depth:3180.00 ft (KB)Hole Diameter:7.88 inches				Ref	erence Ele KB 1	evations: to GR/CF:	1792.0	00 ft (KB) 00 ft (CF) 00 ft
2nd Open	.16 End Date: :00 End Time:	ew bot			ib.: Btm: Btm:		5000.(2012.06. ⁻ 16 @ 10:39:(16 @ 14:02:(30
Pressur	e vs. Time			P	RESSUF	RE SUM	1MARY	
500 Prosure 500 P	Signed and a second sec	- 110 - 105 - 105 - 95 - 95 - 95 - 75 - 70	Time (Min.) 0 2 48 92 92 136 202 204	Pressure (psig) 1494.17 47.59 243.51 476.20 247.28 351.17 476.70 1475.10	Temp (deg F) 99.45 100.68 101.79 103.79	Annot Initial Hy Open T Shut-Ini End Shu Open T Shut-Ini End Shu	ation /dro-static o Flow (1) (1) ut-In(1) o Flow (2) (2)	
Recov	ery				Ga	s Rates	;	
Length (ft) Description	. ,]			Choke (inches) Pr	essure (psig)	Gas Rate (m³/d)
91.00 Oil cut mud 5%oil95								
91.00 Mudy w ater 100% 549.00 Water 100%	0.66	$\left \right $						
049.00 Water 100%	1.70	+						
		†						
	ļ	+						

RERIG	DRILL STEM T	ES	TREPO	ORT				
ENTERPRISES LLC	RJM Company			18-	19s-11w	1		
	Po Box 256 Claflin Kansas	67525		Robl Farms #1				
				Job Ticket: 17685 DST#:3				#:3
	ATTN: Jim Musgrove			Tes	t Start: 20)12.06.1	6 @ 09:16:00)
GENERAL INFORMATION:	ł							
Formation:Lancing G-HDeviated:NoWhipstoTime Tool Opened:10:41:00Time Test Ended:16:22:30	ck: ft (KB)			Tes	ter:	Convent Dustin El 3315-GE		Hole (Initial)
Interval:3160.00 ft (KB) ToTotal Depth:3180.00 ft (KEHole Diameter:7.88 inche				Ref	erence Ele KB 1	evations: to GR/CF	1792.0	00 ft (KB) 00 ft (CF) 00 ft
2nd Open	16End Date::00End Time:	lew bo			b.: Btm: Btm:		5000.(2012.06. 16 @ 10:40:(16 @ 14:02:(00
Pressu	e vs. Time			P	RESSUF	RESUN	/MARY	
505 Prossee 1500	BOS Formation	- 1005 - 1000 - 95 - 95 - 95 - 95 - 75 - 75 - 70	Time (Min.) 0 1 47 91 92 136 201 202	Pressure (psig) 1539.81 47.99 243.87 476.32 247.42 351.17 477.32 1466.43	Temp (deg F) 98.15 98.04 99.04 101.04	Anno Initial H Open T Shut-In End Sh Open T Shut-In End Sh	tation ydro-static To Flow (1) u(1) ut-ln(1) To Flow (2)	
Recov	ery	_			Ga	s Rate	S	
Length (ft) Description	. ,				Choke (inches) P	ressure (psig)	Gas Rate (m³/d)
91.00 Oil cut mud 5%oil95								
91.00 Mudy water 100% 549.00 Water 100%	0.66							
	1.10	+						
F F	ł	→						

	PERIO		DRI	LL STE	MTEST	REPO	RT	TOOL DIAGRAM
		;	RJM Co	mpany			18-19 s -11w	
	CTEN/		Po Box	256 Claflin Ka	ansas 67525		Robl Farms #1	
							Job Ticket: 17685	DST#:3
			ATTN:	Jim Musgrov	e		Test Start: 2012.06.16 @	09:16:00
Tool Information	on		ļ					
Drill Pipe:	Length:	2989.00 ft	Diameter:	3.80 ind	ches Volume:	41.93 bb	I Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 ind	ches Volume:	0.00 bb	Weight set on Packer	: 20000.00 lb
Drill Collar:	Length:	158.79 ft	Diameter:	2.25 in	ches Volume:	0.78 bb	Weight to Pull Loose:	64000.00 lb
Drill Pipe Above	KD.	7.79 ft			Total Volume:	42.71 bb		3.00 ft
Depth to Top Pac		3160.00 ft					String Weight: Initial	41000.00 lb
Depth to Bottom		5100.00 ft					Final	42000.00 lb
Interval betweer		20.00 ft						
Tool Length:	in denere.	40.00 ft						
Number of Packe	ers:	2	Diameter:	6.75 in	ches			
Tool Comments:								
Tool Descripti	on	Le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool			5.00			3145.00		
Hydrolic Tool			5.00			3150.00		
Packer			5.00			3155.00	20.00	Bottom Of Top Packer
Packer			5.00			3160.00		
			15.00			3175.00		
Perforations				0.400	Inside	3176.00		
Perforations Recorder			1.00	8400	linaide	0110.00		
			1.00 1.00	8400 8500	Outside	3177.00		

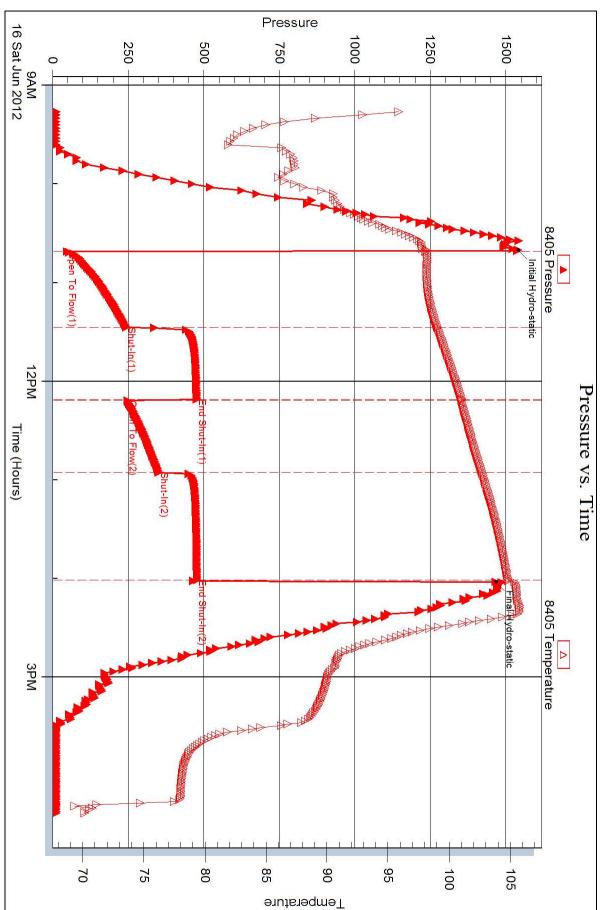
Po Box	ompany 256 Claflin Kansas 67525 Jim Musgrove	18-19s-1 Robl Far Job Ticket:	rms #1	NOT#- 2
ATTN:		Job Ticket:		NOT#- 2
	Jim Musgrove		: 17685 L	NCT#. 2
	Jim Musgrove			DST#:3
nation		Test Start:	2012.06.16 @ 09:1	6:00
	Cushion Type:		Oil A PI:	deg API
al	Cushion Length:	ft	Water Salinity:	ppm
/qt	Cushion Volume:	bbl		
	Gas Cushion Type:			
.m	Gas Cushion Pressure:	psig		
			_	
Length ft	Description	Volume bbl		
91.00	Oil cut mud 5%oil95%mud			
549.00	Water 100%	7.7	01	
atory Name:	Laboratory Location:	Sena	1#.	
	91.00 91.00 549.00	es Recovery Table Length ft Description 91.00 Oil cut mud 5%oil95%mud 91.00 Mudy w ater 100% 549.00 Water 100% Length: 731.00 ft Total Volume: 8.808 luid Samples: 0 Num Gas Bombs: 0 atory Name: Laboratory Location: 100%	es Recovery Table Length ft Description Volume bbl 91.00 Oil cut mud 5%oil95%mud 0.4 91.00 Mudy w ater 100% 0.6 549.00 Water 100% 7.7 Length: 731.00 ft Total Volume: 8.808 bbl luid Samples: 0 Num Gas Bombs: 0 Serial atory Name:	es Recovery Table Length ft Description Volume bbl 91.00 Oil cut mud 5%oil95%mud 0.448 91.00 Mudy w ater 100% 0.659 549.00 Water 100% 7.701 Length: 731.00 ft Total Volume: 8.808 bbl luid Samples: 0 Num Gas Bombs: 0 Serial #: atory Name: Laboratory Location: Eaboratory Location:





Printed: 2012.06.20 @ 13:11:03

Superior Testers Enterprises LLC Ref. No: 17685



RJM Company

Inside

Serial #: 8405

Robl Farms #1



Prepared For: RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

Robl Farms #1

18-19s-11w

 Start Date:
 2012.06.18 @ 14:42:00

 End Date:
 2012.06.18 @ 21:10:30

 Job Ticket #:
 17686
 DST #: 4

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

Printed: 2012.06.20 @ 13:09:45

JER I	ORILL STEM TES	TREP	ORT				
ENTERPRISES LLC	RJM Company		18-	19s-11w	1		
	o Box 256 Claflin Kansas 6752	5	Ro	bl Farm	s #1		
			Job	Ticket: 17	7686	DST#:	4
A	ATTN: Jim Musgrove		Tes	t Start: 20	012.06.18 @	2 14:42:00	
GENERAL INFORMATION:							
Formation:Lancing J-KDeviated:NoWhipstock:Time Tool Opened:16:07:30Time Test Ended:21:10:30	ft (KB)		Tes Tes Unit	ter:	Conventiona Dustin Ellis 3315-GB-30		le (Initial)
Interval:3207.00 ft (KB) To3276.Total Depth:3276.00 ft (KB) (TVD)Hole Diameter:7.88 inchesHole Co			Ref	erence Ele KB t	evations: to GR/CF:	1799.00 1792.00 7.00	ft (CF)
	End Time: es Fair building blow blew 4.5 i tes No blow back es Fair building blow reach bott		Capacity Last Calil Time On Time Off	o.: Btm: :	2012.06.18 2012.06.18		
2nd Shut in 60 minut			Pf	RESSUF	RE SUMM	ARY	
Stan Jacobia	BO Tropordace	Time (Min.) 0 1 31 92 92 149 212 213	Pressure (psig) 1572.70 57.10 62.65 232.32 63.56 70.53 267.56 1567.20	Temp (deg F) 101.16 101.20 101.10 102.46	Annotation Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In	o-static low (1) n(1) low (2) n(2)	
Recovery				Ga	s Rates		
Length (ft) Description 10.00 Oil cut mud 1%oil 99%mud	Volume (bbl) 0.05		_	Choke (i	inches) Pressu	ıre (psig) G	as Rate (m³/d)

SPERIO	DRILL STEM TES	ST REPO	ORT				
ENTERPRISES LLC	RJM Company	18-	18-19s-11w				
	Po Box 256 Claflin Kansas 6752	Rol	bl Farm	s #1			
		Job Ticket: 17686 DST			DST#	:4	
	ATTN: Jim Musgrove	'e			Test Start: 2012.06.18 @ 14:42:00		
GENERAL INFORMATION:							
Formation: Lancing J-K Deviated: No Whipstock: Time Tool Opened: 16:07:30 Time Test Ended: 21:10:30	ft (KB)		Test	ter:	Conventio Dustin Elli 3315-GB-		lole (Initial)
Interval:3207.00 ft (KB) To327Total Depth:3276.00 ft (KB) (TVEHole Diameter:7.88 inchesHole (C)		Reference Elevations: 1799.00 ft (KB) 1792.00 ft (CF) KB to GR/CF: 7.00 ft				0 ft (CF)	
2nd Open 45 min	End Date: End Time:		Capacity Last Calit Time On Time Off	o.: Btm: :		5000.0 2012.06.2 18 @ 16:07:0 18 @ 19:39:0	0
Pressure vs. Tim			PF	RESSUF	RE SUM	IMARY	
Statuto 202	545 Temperature	Time (Min.) 0 1 43 91 92 211 212	Pressure (psig) 1610.15 55.43 62.14 228.40 62.42 266.17 1565.35		Open To Shut-In(End Shu Open To End Shu	vdro-static o Flow (1) (1) ut-In(1) o Flow (2)	
Recovery		Gas Rates					
Length (ft) Description 10.00 Oil cut mud 1%oil 99%mud	Volume (bbl) 0.05			Choke (i	inches) Pre	essure (psig)	Gas Rate (m³/d)

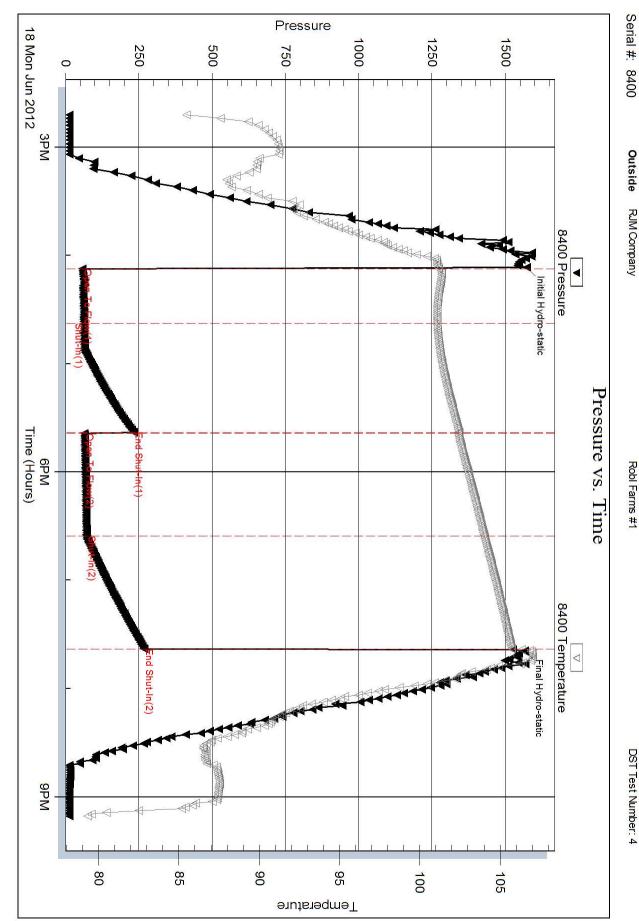
	ERI		DRI	TOOL DIAGRAM						
ENTERPRISES LLC			RJM Co	mpany			18-19s-11w			
			Po Box	256 Claflin I	Kansas 67525		Robl Farms #1			
							Job Ticket: 17686	DST#:4		
			ATTN: Jim Musgrove				Test Start: 2012.06.18	Test Start: 2012.06.18 @ 14:42:00		
Tool Informatio	on		Į							
Drill Pipe:	Length:	3088.00 ft	Diameter:	3.80 i	nches Volume:	43.32 bb	I Tool Weight:	2000.00 lb		
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 i	nches Volume:	0.00 bb	I Weight set on Packer	: 20000.00 lb		
Drill Collar:	Length:	118.79 ft	Diameter:	2.25 i	nches Volume:	0.58 bb	Weight to Pull Loose:	53000.00 lb		
					Total Volume:	43.90 bb	– I Tool Chased	2.00 ft		
Drill Pipe Above k		19.79 ft					String Weight: Initial	44000.00 lb		
Depth to Top Pac		3207.00 ft					Final	44000.00 lb		
Depth to Bottom I		ft								
Interval between	Packers:	69.25 ft								
Tool Length:		89.25 ft								
Number of Packe	ers:	2	Diameter:	6.75 i	nches					
Tool Comments:										
Tool Descriptio	on	le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths			
Shut-In Tool		20	5.00			3192.00				
Hydrolic Tool			5.00			3197.00				

Shut-in 1001	5.00			3192.00		
Hydrolic Tool	5.00			3197.00		
Packer	5.00			3202.00	20.00	Bottom Of Top Packer
Packer	5.00			3207.00		
Anchor	10.00			3217.00		
Change Over Sub	0.75			3217.75		
Drill Pipe	31.75			3249.50		
Change Over Sub	0.75			3250.25		
Anchor	21.00			3271.25		
Recorder	1.00	8405	Inside	3272.25		
Recorder	1.00	8400	Outside	3273.25		
Bull Plug	3.00			3276.25	69.25	Bottom Packers & Anchor

Total Tool Length: 89.25

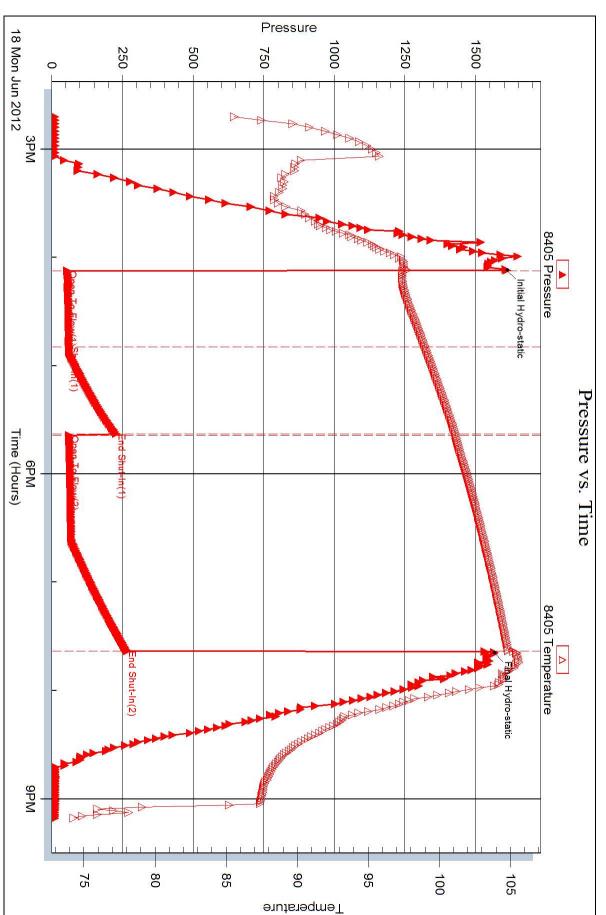
	ERI	!	DRI	LL S	TEM TEST F	REPORT	-		FLUID S	JMMAR
	PRISES LLC	F	RJM Company Po Box 256 Claflin Kansas 67525				18-19s-11v	v		
	CTTCN	F					Robl Farm	ns #1		
							Job Ticket: 1	7686	DST#:4	
		ļ	ATTN:	Jim Mus	grove		Test Start: 2	4:42:00		
lud and Cus	hion Info	ormation								
• •	Chem				Cushion Type:			Oil A PI:		deg API
ud Weight:	9.00 lk				Cushion Length:		ft	Water Salinity:		ppm
iscosity:	48.00 s	-			Cushion Volume:		bbl			
ater Loss:	10.39 ir	n ^s hm.m			Gas Cushion Type: Gas Cushion Pressure		noia			
esistivity: alinity:	0.000 p			(bas Cushion Pressure		psig			
lter Cake:	1.00 ir									
ecovery Info	ormation									
				F	Recovery Table			-		
		Length ft	Length ft		Description		Volume bbl			
		1(0.00	Oil cut n	nud 1%oil 99%mud		0.049	<u>)</u>		
	Tot	al Length:	10	.00 ft	Total Volume:	0.049 bbl				
	Nu	m Fluid Samples	: 0		Num Gas Bombs:	0	Serial #	:		
		boratory Name:			Laboratory Location	า:				
	Ree	covery Commer	nts:							





Printed: 2012.06.20 @ 13:09:46

Superior Testers Enterprises LLC Ref. No: 17686



Robl Farms #1

Serial #: 8405

Inside

RJM Company



Prepared For: RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

Robl Farms #1

18-19s-11w

 Start Date:
 2012.06.19 @ 09:10:00

 End Date:
 2012.06.19 @ 15:59:00

 Job Ticket #:
 17687
 DST #: 5

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

	PRISES LLC	RJM Company			18-	19s-11w				
		Po Box 256 Claflin Kansa	67525		Po	bl Farm	e #1			
	TEN	FU BUX 200 GIANNI KANSA	15 07 525			Ticket: 17			DST#:	5
		ATTN: Jim Musgrove				t Start: 20			-	5
GENERAL INF	ORMATION:									
Formation:	Arbuckle									
Deviated: Fime Tool Opened: Fime Test Ended:		ft (KB)			Tes	ter: I	Conven Dustin E 3315-G	Ilis	tom Ho	ole (Initial)
nterval: 33 Fotal Depth: Hole Diameter:	340.00 ft (KB) To 33 3375.00 ft (KB) (T 7.88 inchesHold				Ref	erence Ele	evations	1		ft (KB) ft (CF) ft
	7.00 incheshold								7.00	
Serial #: 8405 Press@RunDepth: Start Date: Start Time:		 3342.56 ft (KB) End Date: End Time: 		012.06.19 15:59:00	Capacity Last Calil Time On Time Off	b.: Btm: 2				
EST COMME		inutes Fair building blow ble	ew 3.5 inc	hes.						
EST COMME	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m	ninutes No blow back. inutes Fair building blow ble ninutes No blow back.							/	
	1st Shut in 45 m 2nd Open 45 m	ninutes No blow back. inutes Fair building blow ble ninutes No blow back.	ew 3.5 incl		Pressure	RESSUF		MMAR	(
	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. T	vinutes No blow back. inutes Fair building blow ble vinutes No blow back. Fine		hes Time (Min.)	Pressure (psig)	Temp (deg F)	Anno	otation		
1730 - 9	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. T	vinutes No blow back. inutes Fair building blow ble vinutes No blow back. Fine	ew 3.5 incl	hes Time (Min.) 0	Pressure (psig) 1679.94	Temp (deg F) 101.91	Anno Initial F	otation Hydro-sta	itic	
1730	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. T	vinutes No blow back. inutes Fair building blow ble vinutes No blow back. Fine	ew 3.5 incl	hes Time (Min.)	Pressure (psig)	Temp (deg F) 101.91 103.23	Anno Initial H Open	otation Hydro-sta To Flow (itic	
1750	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. T	vinutes No blow back. inutes Fair building blow ble vinutes No blow back. Fine	ew 3.5 incl	hes Time (Min.) 0 1	Pressure (psig) 1679.94 109.90 83.98 1024.97	Temp (deg F) 101.91	Anno Initial H Open Shut-li	otation Hydro-sta To Flow (itic	
1750	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. T	vinutes No blow back. inutes Fair building blow ble vinutes No blow back. Fine	ew 3.5 incl	hes Time (Min.) 0 1 47 93 94	Pressure (psig) 1679.94 109.90 83.98 1024.97 94.60	Temp (deg F) 101.91 103.23 105.28 106.52 106.35	Anno Initial H Open Shut-li End Si Open	Hydro-sta To Flow (n(1) hut-In(1) To Flow (ntic 1)	
1750 - <u>3</u> 	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. T	vinutes No blow back. inutes Fair building blow ble vinutes No blow back. Fine	ew 3.5 incl	hes Time (Min.) 0 1 47 93 94 136	Pressure (psig) 1679.94 109.90 83.98 1024.97 94.60 102.25	Temp (deg F) 101.91 103.23 105.28 106.52 106.35 107.14	Anno Initial I Open Shut-I End S Open Shut-I	Hydro-sta To Flow (n(1) hut-In(1) To Flow (n(2)	ntic 1)	
1759 5 1500 -	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. T	vinutes No blow back. inutes Fair building blow ble vinutes No blow back. Fine	ew 3.5 incl	hes Time (Min.) 0 1 47 93 94	Pressure (psig) 1679.94 109.90 83.98 1024.97 94.60	Temp (deg F) 101.91 103.23 105.28 106.52 106.35	Anno Initial I Open Shut-I End Si Open Shut-I End S	Hydro-sta To Flow (n(1) hut-In(1) To Flow (ntic 1) 2)	
1733 5 1230 - 1230 - 1230 - 1230 - 1230 - 1230 - 1230 - 1230 - 1230 - 1230 - 1230 - 1230 - 1330 - 1330 - 1330 - 1330 - 1340 - 1350 - 1350 - 1350 - 1350 - 1350 - 1350 - 1350 - 1350 - 1350 - 1350 - 1350 - 1350 - 1350 - 1350 - 1350 - 1350 -	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure	vinutes No blow back. inutes Fair building blow ble vinutes No blow back. Fine	ew 3.5 incl	hes Time (Min.) 0 1 47 93 94 136 197	Pressure (psig) 1679.94 109.90 83.98 1024.97 94.60 102.25 977.67	Temp (deg F) 101.91 103.23 105.28 106.52 106.35 107.14 108.57	Anno Initial I Open Shut-I End Si Open Shut-I End S	-tydro-sta To Flow (n(1) hut-ln(1) To Flow (n(2) hut-ln(2)	ntic 1) 2)	
1733 9 1730 1 1740 1	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m	hinutes No blow back. inutes Fair building blow ble hinutes No blow back. Fine	ew 3.5 incl	hes Time (Min.) 0 1 47 93 94 136 197	Pressure (psig) 1679.94 109.90 83.98 1024.97 94.60 102.25 977.67	Temp (deg F) 101.91 103.23 105.28 106.52 106.35 107.14 108.57 108.85	Anno Initial H Open Shut-I End S Shut-I End S Final H	Hydro-sta To Flow (n(1) hut-ln(1) To Flow (n(2) hut-ln(2) Hydro-sta	ntic 1) 2)	
770	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure	hinutes No blow back. inutes Fair building blow ble hinutes No blow back. Fine	ew 3.5 incl	hes Time (Min.) 0 1 47 93 94 136 197	Pressure (psig) 1679.94 109.90 83.98 1024.97 94.60 102.25 977.67	Temp (deg F) 101.91 103.23 105.28 106.52 106.35 107.14 108.57 108.85	Anno Initial I Open Shut-II End SI Final I Final I	Hydro-sta To Flow (n(1) hut-ln(1) To Flow (n(2) hut-ln(2) Hydro-sta	ttic 1) 2) ttic	as Rate (m³/d)
1750 9 1750 - 9 1500	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. 1 The free starts of the	ninutes No blow back. inutes Fair building blow ble ninutes No blow back. Time 900 Tompeter 900	ew 3.5 incl	hes Time (Min.) 0 1 47 93 94 136 197	Pressure (psig) 1679.94 109.90 83.98 1024.97 94.60 102.25 977.67	Temp (deg F) 101.91 103.23 105.28 106.52 106.35 107.14 108.57 108.85	Anno Initial I Open Shut-II End SI Final I Final I	etation Hydro-sta To Flow (n(1) hut-ln(1) To Flow (n(2) hut-ln(2) Hydro-sta	ttic 1) 2) ttic	as Rate (m³/d)
770 500 770 770 770 770 770 770 770 770	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. 1 Pressure vs. 1 Pre	hinutes No blow back. inutes Fair building blow ble hinutes No blow back. Fine	ew 3.5 incl	hes Time (Min.) 0 1 47 93 94 136 197	Pressure (psig) 1679.94 109.90 83.98 1024.97 94.60 102.25 977.67	Temp (deg F) 101.91 103.23 105.28 106.52 106.35 107.14 108.57 108.85	Anno Initial I Open Shut-II End SI Final I Final I	etation Hydro-sta To Flow (n(1) hut-ln(1) To Flow (n(2) hut-ln(2) Hydro-sta	ttic 1) 2) ttic	as Rate (m³/d)
759 7 9 759 759 759 759 759 759 759 75	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. 1 Pressure vs. 1 Pre	ninutes No blow back. inutes Fair building blow ble ninutes No blow back. Time 900 Temperter 900 Temperter	ew 3.5 incl	hes Time (Min.) 0 1 47 93 94 136 197	Pressure (psig) 1679.94 109.90 83.98 1024.97 94.60 102.25 977.67	Temp (deg F) 101.91 103.23 105.28 106.52 106.35 107.14 108.57 108.85	Anno Initial I Open Shut-II End SI Final I Final I	etation Hydro-sta To Flow (n(1) hut-ln(1) To Flow (n(2) hut-ln(2) Hydro-sta	ttic 1) 2) ttic	as Rate (m³/d)
770 770 770 770	1st Shut in 45 m 2nd Open 45 m 2nd Shut in 60 m Pressure vs. 1 Pressure vs. 1 Pre	ninutes No blow back. inutes Fair building blow ble ninutes No blow back. Fine	ew 3.5 incl	hes Time (Min.) 0 1 47 93 94 136 197	Pressure (psig) 1679.94 109.90 83.98 1024.97 94.60 102.25 977.67	Temp (deg F) 101.91 103.23 105.28 106.52 106.35 107.14 108.57 108.85	Anno Initial I Open Shut-II End SI Final I Final I	etation Hydro-sta To Flow (n(1) hut-ln(1) To Flow (n(2) hut-ln(2) Hydro-sta	ttic 1) 2) ttic	as Rate (m³/d)

Superior Testers Enterprises LLC Ref. No: 17687

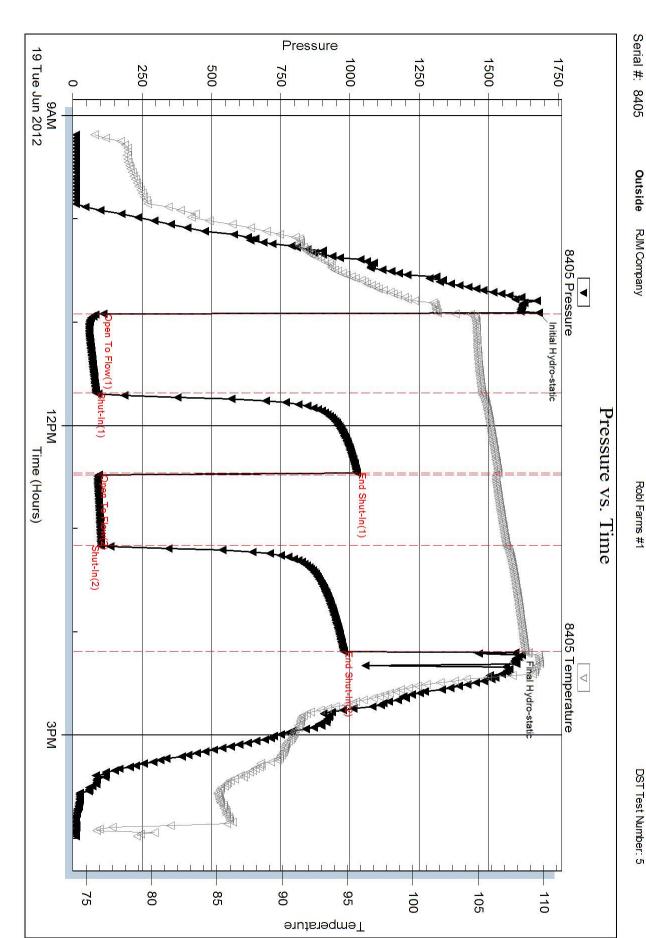
/c		DRILL STEM T	LO						
ENT	TERPRISES LLC	RJM Company			18-	19s-11w	,		
	(STER)	Po Box 256 Claflin Kansas	67525		Ro	bl Farm	s #1		
					Job	Ticket: 17	7687	DST	Г#:5
		ATTN: Jim Musgrove			Tes	t Start: 20)12.06.19	9 @ 09:10:0	00
GENERAL I	INFORMATION:								
Formation: Deviated: Time Tool Oper Time Test Ende		ft (KB)			Tes	ter: I	Conventie Dustin Ell 3315-GB	is	n Hole (Initial)
Interval: Total Depth: Hole Diameter:	3340.00 ft (KB) To 33 3375.00 ft (KB) (TV 7.88 inchesHole				Ref	erence Ele KB t	evations:	1792	0.00 ft (KB) 2.00 ft (CF) 7.00 ft
Serial #: 84 Press@RunDe Start Date: Start Time: TEST COMM	epth: 977.02 psig 2012.06.19 09:11:00 MENT: 1st Open 45 m 1st Shut in 45 m	End Date: End Time: ninutes Fair building blow blew ninutes No blow back.	v 3.5 ind		Capacity Last Cali Time On Time Off	b.: Btm: 2		5000 2012.06 19 @ 10:55 19 @ 14:12	:00
	Zhu Open 45 m	ninutes Fair building blow blew	ັ້ວ.ວິແທ	CHES					
		ninutes No blow back.		Time		RESSUF			
1530	2nd Shut in 60 m	lime	- 110	Time (Min.) 0 1 47 93 94	Pressure (psig) 1655.42 42.64 84.47 1024.10	Temp (deg F) 101.04 101.05 104.44 107.17	Annot Initial Hy Open T Shut-In End Shu	ation ydro-static o Flow (1) (1)	
720 790 790 200 200 994	2nd Shut in 60 m	lime	- 110	(Min.) 0 1 47 93	Pressure (psig) 1655.42 42.64 84.47	Temp (deg F) 101.04 101.05 104.44 107.17	Annot Initial Hy Open T Shut-Ini End Shu Open T Shut-Ini End Shu	ation / dro-static io Flow (1) (1) ut-In(1) io Flow (2) (2)	
1220	2nd Shut in 60 m	Fine BOD Ferromane 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 110 - 100 - 55 - 50	(Min.) 0 1 47 93 94 135 197	Pressure (psig) 1655.42 42.64 84.47 1024.10 84.00 99.27 977.02	Temp (deg F) 101.04 101.05 104.44 107.17 106.84 108.26 110.27 110.42	Annot Initial Hy Open T Shut-Ini Open T Shut-Ini End Shu Final Hy	tation ydro-static io Flow (1) (1) ut-ln(1) io Flow (2) (2) ut-ln(2) ydro-static	
C20 700 500 20 500 500 500 500 500 50	2nd Shut in 60 m	Fine BOD Ferromane 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 110 - 100 - 55 - 50	(Min.) 0 1 47 93 94 135 197	Pressure (psig) 1655.42 42.64 84.47 1024.10 84.00 99.27 977.02	Temp (deg F) 101.04 101.05 104.44 107.17 106.84 108.26 110.27 110.42	Annot Initial Hy Open T Shut-Ini End Shu End Shu Final Hy	tation ydro-static io Flow (1) (1) ut-ln(1) io Flow (2) (2) ut-ln(2) ydro-static	Gas Rate (m³/d)
1220 100 1000 1	2nd Shut in 60 m	Erme 503 Ferrenture	- 110 - 100 - 55 - 50	(Min.) 0 1 47 93 94 135 197	Pressure (psig) 1655.42 42.64 84.47 1024.10 84.00 99.27 977.02	Temp (deg F) 101.04 101.05 104.44 107.17 106.84 108.26 110.27 110.42	Annot Initial Hy Open T Shut-Ini End Shu End Shu Final Hy	ation ydro-static io Flow (1) (1) ut-In(1) io Flow (2) (2) ut-In(2) ydro-static	Gas Rate (m³/d)
250 500 250 500 250 500 250 500 50	2nd Shut in 60 m	Fine POD Ferepate Diagonal and a second se	- 110 - 100 - 55 - 50	(Min.) 0 1 47 93 94 135 197	Pressure (psig) 1655.42 42.64 84.47 1024.10 84.00 99.27 977.02	Temp (deg F) 101.04 101.05 104.44 107.17 106.84 108.26 110.27 110.42	Annot Initial Hy Open T Shut-Ini End Shu End Shu Final Hy	ation ydro-static io Flow (1) (1) ut-In(1) io Flow (2) (2) ut-In(2) ydro-static	Gas Rate (m²/d)
rzzo rzzo	2nd Shut in 60 m	Fime 300 Impendue 300 Imp	- 110 - 100 - 55 - 50	(Min.) 0 1 47 93 94 135 197	Pressure (psig) 1655.42 42.64 84.47 1024.10 84.00 99.27 977.02	Temp (deg F) 101.04 101.05 104.44 107.17 106.84 108.26 110.27 110.42	Annot Initial Hy Open T Shut-Ini End Shu End Shu Final Hy	ation ydro-static io Flow (1) (1) ut-In(1) io Flow (2) (2) ut-In(2) ydro-static	Gas Rate (m²/d)
1220 100 1000 1	2nd Shut in 60 m Pressure vs. 1 Pressure vs.	Fine BOD Ferrporture BOD Ferrporture	- 110 - 100 - 55 - 50	(Min.) 0 1 47 93 94 135 197	Pressure (psig) 1655.42 42.64 84.47 1024.10 84.00 99.27 977.02	Temp (deg F) 101.04 101.05 104.44 107.17 106.84 108.26 110.27 110.42	Annot Initial Hy Open T Shut-Ini End Shu End Shu Final Hy	ation ydro-static io Flow (1) (1) ut-In(1) io Flow (2) (2) ut-In(2) ydro-static	Gas Rate (m²/d)

	ERIA		DRI	LL ST	EMTEST	REPO	RT	TOOL DIAGRAI
		;	RJM Co	mpany			18-19s-11w	
	OTER		Po Box	256 Claflin	Kansas 67525		Robl Farms #1	
							Job Ticket: 17687	DST#:5
			ATTN:	Jim Musgr	ove		Test Start: 2012.06.19 @	09:10:00
Tool Informatio	on		Į					
Drill Pipe:	Length:	3216.00 ft	Diameter:	3.80	inches Volume:	45.11 bb	I Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches Volume:	0.00 bb	I Weight set on Packer	: 20000.00 lb
Drill Collar:	Length:	118.79 ft	Diameter:	2.25	inches Volume:	0.58 bb	Weight to Pull Loose:	65000.00 lb
Drill Dina Abaya k	/D.	14.79 ft			Total Volume:	45.69 bb	I Tool Chased	2.00 ft
Drill Pipe Above k Depth to Tep Dec							String Weight: Initial	44000.00 lb
Depth to Top Pac Depth to Bottom I		3340.00 ft ft					Final	45000.00 lb
Interval between		35.00 ft						
Tool Length:	Tackers.	55.00 ft						
Number of Packe	ers:	2	Diameter:	6 75	inches			
Tool Comments:								
Tool Descriptio	on	Le	ngth (ft)	Serial No	o. Position	Depth (ft)	Accum. Lengths	
Shut-In Tool			5.00			3325.00		
Hydrolic Tool			5.00			3330.00		
Packer			5.00			3335.00	20.00	Bottom Of Top Packer
Packer			5.00			3340.00		
Perforations			30.00			3370.00		
Recorder			1.00		Inside	3371.00		
Recorder			1.00		Outside	3372.00		
			3.00			3375.00	35.00 Bo	ttom Packers & Anchor
Bull Plug			5.00			0010.00	00.00 20	

		LL STEM TEST RE	PORT			FLUID SU	JMMAR
ENTERPRISES LLC	RJM C	ompany		18-19s-11	w		
	Po Bo>	256 Claflin Kansas 67525		Robl Fari	ms #1		
				Job Ticket:	17687	DST#: 5	
	ATTN:	Jim Musgrove		Test Start:	2012.06.19 @ 0	09:10:00	
lud and Cushion Info	ormation						
lud Type: Gel Chem		Cushion Type:			Oil A PI:		deg API
lud Weight: 9.00 I		Cushion Length:		ft	Water Salinity:	:	ppm
iscosity: 48.00 s	-	Cushion Volume:		bbl			
Vater Loss: 10.39 i		Gas Cushion Type:					
	ohm.m	Gas Cushion Pressure:		psig			
alinity: 10000.00 g							
ilter Cake: 1.00 i	nches						
Recovery Information	١						
		Recovery Table			_		
	Length	Description		Volume			
	ft			bbl	_		
	30.00	Clean oil 100%		0.14			
	60.00	Oil cut mud 40%Oil 60%Mud		0.29			
	60.00	Oil cut mud 25%Oil 75%Mud Gravity of oil 36 corrected		0.57			
_	l.	•	I	0.00			
То	tal Length: 150	0.00 ft Total Volume:	1.022 bbl				
Nu	m Fluid Samples: 0	Num Gas Bombs: 0		Serial #	#:		
La	boratory Name:	Laboratory Location:					
Re	covery Comments:						

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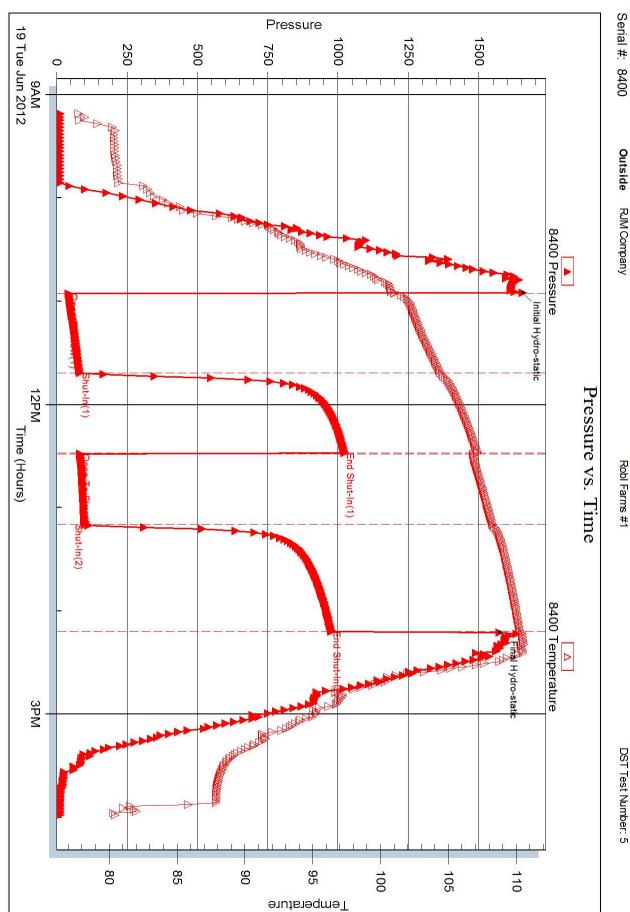
Superior Testers Enterprises LLC Ref. No: 17687



2

Printed: 2012.06.19 @ 22:53:44

Superior Testers Enterprises LLC Ref. No: 17687



Robl Farms #1

Outside RJM Company



DRILL STEM TEST REPORT

Prepared For: RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Mustrove

Robl Farms #1

18-19s-11w

 Start Date:
 2012.06.19 @ 09:25:00

 End Date:
 2012.06.19 @ 15:55:53

 Job Ticket #:
 17688
 DST #:
 6

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

Printed: 2012.06.20 @ 11:22:36

ENTERPRISES LLC	RJM Company		18-	19s-11w	,		
	Po Box 256 Claflin Kansas	67525	Ro	bl Farm	s #1		
			Job	Ticket: 17	7688	DST#	#:6
	ATTN: Jim Mustrove		Tes	t Start: 20)12.06.19 (@ 09:25:00)
GENERAL INFORMATION:	+						
Arbuckle Deviated: No Whipstock Time Tool Opened: 10:53:53 Time Test Ended: 15:55:53	c ft (KB)		Tes	ter: I	Convention Dustin Ellis 3315-GB30		Hole (Initial)
otal Depth: 3379.00 ft (KB)	3379.00 ft (KB) (TVD) (TVD) Hole Condition: Fair		Ref	erence Ele KB t	evations: to GR/CF:	1792.0	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8400 Inside tress@RunDepth: 79.29 ps start Date: 2012.06.1 start Time: 09:25:2 TEST COMMENT: 1st Open 1st Shut in 4	9 End Date: 23 End Time:	2012.06.19 15:55:53 2 inches .	Capacity Last Cali Time On Time Off	b.: Btm: 2	2012.06.19 2012.06.19	2012.06.2 @ 10:53:2	23
	5 minutes Weak blow then died o	ff					
2nd Open 4	0 minutes No blow back				RE SUMN		
2nd Open 4 2nd Shut in 6	0 minutes No blow back	ff Time (Min.) 0 105 105	Pressure (psig) 1658.85 143.85 80.80 190.55 78.80 79.29 238.28 1576.43	Temp (deg F) 101.54 104.11 107.95 108.55	Annotat Initial Hyd Open To Shut-In(1) End Shut- Open To Shut-In(2) End Shut-	ion Flow (1)) -ln(1) Flow (2)) -ln(2)	
2nd Open 4 2nd Shut in 6	0 minutes No blow back	- 110 - 110 - 100 - 105 - 107 - 100 - 105 - 10 - 107 - 1	Pressure (psig) 1658.85 143.85 80.80 190.55 78.80 79.29 238.28	Temp (deg F) 101.54 104.11 107.95 108.55 108.51 109.32 110.44 110.94	Annotat Initial Hyd Open To Shut-In(1) End Shut- Open To Shut-In(2) End Shut-	ion Flow (1)) -ln(1) Flow (2)) -ln(2)	
2nd Open 4 2nd Shut in 6	0 minutes No blow back	- 110 - 110 - 100 - 105 - 107 - 100 - 105 - 10 - 107 - 1	Pressure (psig) 1658.85 143.85 80.80 190.55 78.80 79.29 238.28	Temp (deg F) 101.54 104.11 107.95 108.55 108.51 109.32 110.44 110.94	Annotat Initial Hyd Open To Shut-In(1) End Shut- Shut-In(2) End Shut- Final Hyd	ion Flow (1)) -ln(1) Flow (2)) -ln(2)	Gas Rate (m³/d)
2nd Open 4 2nd Shut in 6	0 minutes No blow back	- 110 - 110 - 100 - 105 - 107 - 100 - 105 - 10 - 107 - 1	Pressure (psig) 1658.85 143.85 80.80 190.55 78.80 79.29 238.28	Temp (deg F) 101.54 104.11 107.95 108.55 108.51 109.32 110.44 110.94	Annotat Initial Hyd Open To Shut-In(1) End Shut- Shut-In(2) End Shut- Final Hyd	ion Flow (1)) -In(1) Flow (2)) -In(2) ro-static	Gas Rate (m³/d)

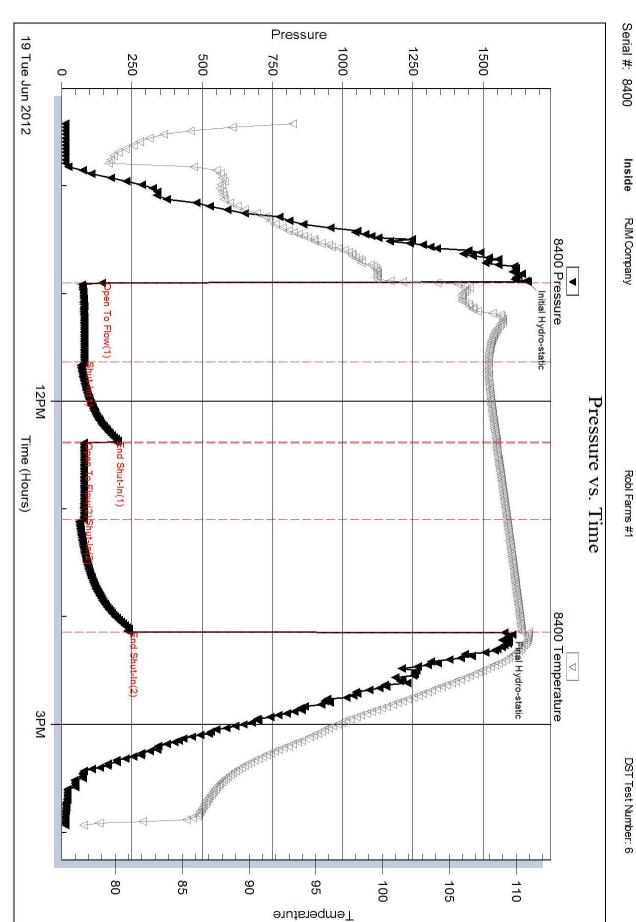
	RJM Company		18-	19s-11w			
	Po Box 256 Claflin Kansas (67525	Ro	bl Farm	s #1		
			Job	Ticket: 17	7688	DST#	[!] :6
	ATTN: Jim Mustrove		Tes	t Start: 20)12.06.19 (@ 09:25:00	
GENERAL INFORMATION:	•						
Formation: Arbuckle Deviated: No Whipstock: Fime Tool Opened: 10:53:53 Fime Test Ended: 15:55:53	ft (KB)		Tes	ter: I	Convention Dustin Ellis 3315-GB30		lole (Initial)
nterval:3374.00 ft (KB) To33Total Depth:3379.00 ft (KB) (THole Diameter:7.88 inches Hole			Ref	erence Ele KB t	evations:	1792.0	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8405 Outside Press@RunDepth: 235.55 psig Start Date: 2012.06.19 Start Time: 09:26:00	End Date: End Time:	2012.06.19 15:57:30	Capacity Last Calil Time On Time Off	b.: Btm: 2		5000.0 2012.06.2 9 @ 10:54:3 9 @ 14:10:3	80
1 of Chut in AE a	ninutes No blow back						
2nd Open 45 n 2nd Shut in 60 n Pressure vs.	ninutes Weak blow then died of ninutes No blow back	f	PF	RESSUR		MARY	
2nd Open 45 n 2nd Shut in 60 r	ninutes Weak blow then died of ninutes No blow back	if Time (Min.) (Min.) (Min.) (Min.) 10 10 10 10 10 10 10 10 10 10	Pressure (psig) 1649.90 70.78 80.08 200.82 78.49 78.47 235.55 1570.93	Temp (deg F) 98.82 103.58 106.66 107.37	Open To Shut-In(1 End Shut- Open To Shut-In(2 End Shut-	ion Flow (1)) -ln(1) Flow (2)) -ln(2)	
2nd Open 45 m 2nd Shut in 60 m	ninutes Weak blow then died of ninutes No blow back	Time (Min.) 1	Pressure (psig) 1649.90 70.78 80.08 200.82 78.49 78.47 235.55	Temp (deg F) 98.82 103.58 106.66 107.37 107.36 108.18 109.23 109.48	Annotat Initial Hyd Open To Shut-In(1 End Shut- Open To Shut-In(2 End Shut-	ion Flow (1)) -ln(1) Flow (2)) -ln(2)	
2nd Open 45 m 2nd Shut in 60 m	Time	Time (Min.) 1	Pressure (psig) 1649.90 70.78 80.08 200.82 78.49 78.47 235.55	Temp (deg F) 98.82 103.58 106.66 107.37 107.36 108.18 109.23 109.48	Annotat Initial Hyd Open To Shut-In(1 End Shut- Open To Shut-In(2 End Shut- Final Hyd	ion Flow (1)) -ln(1) Flow (2)) -ln(2)	Gas Rate (m³/d)

	ERIO		DRI	LL STE	MTEST	REPO	RT	TOOL DIAGRAM
		;	RJM Co	ompany			18-19s-11w	
	OTER		Po Box	256 Claflin Ka	ansas 67525		Robl Farms #1	
							Job Ticket: 17688	DST#:6
E PILS			ATTN:	Jim Mustrove	e		Test Start: 2012.06.19	@ 09:25:00
Tool Informatio	 on		ļ					
Drill Pipe:	Length:	3255.00 ft	Diameter:	3.80 in	ches Volume:	45.66 bb	ol Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 in	ches Volume:	0.00 bb	Weight set on Packer	: 2000.00 lb
Drill Collar:	Length:	118.79 ft	Diameter:	2.25 in	ches Volume:	0.58 bb	Weight to Pull Loose:	52000.00 lb
Drill Pipe Above ł	ZD.	19.79 ft			Total Volume:	46.24 bb		0.00 ft
Depth to Top Pac		3374.00 ft					String Weight: Initial	42000.00 lb
Depth to Bottom		5574.00 ft					Final	42000.00 lb
Interval between								
Tool Length:		25.00 ft						
Number of Packe	ers:	2	Diameter:	6.75 in	ches			
Tool Comments:								
Tool Description	on	Le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool			5.00			3359.00		
Hydrolic Tool			5.00			3364.00		
Packer			5.00			3369.00	20.00	Bottom Of Top Packer
Packer			5.00			3374.00		
Anchor			0.00			3374.00		
Recorder			1.00	8405	Outside	3375.00		
Deserview			1.00	8400	Inside	3376.00		
Recorder								
Recorder Bull Plug			3.00			3379.00	5.00 Bo	ottom Packers & Anchor

	PERIS		DRI	LL S	TEM TEST I	REPOR	Г		FLUID S	UMMAR
	ERPRISES LLC		RJM Co	ompany			18-19s-11	w		
			Po Box	256 Claf	lin Kansas 67525		Robl Farı	ms #1		
							Job Ticket:	17688	DST#:6	
			ATTN:	Jim Mus	trove		Test Start:	2012.06.19 @ (09:25:00	
lud and Cu	ushion Info	ormation								
lud Type: G					Cushion Type:			Oil A PI:		deg API
ud Weight:	9.00 lk	-			Cushion Length:		ft	Water Salinity	:	ppm
scosity:	48.00 s	-			Cushion Volume:		bbl			
ater Loss:	15.18 ir				Gas Cushion Type:					
esistivity: alinity:	с 18000.00 р	hm.m		(Gas Cushion Pressur	9:	psig			
ter Cake:	1.00 ir									
ecovery Ir	nformation	1								
				, I	Recovery Table			_		
		Lengt ft	th		Description		Volume bbl			
			10.00	Very lig	htly oil spotted 1%oil	99%mud	0.04	9		
		<u></u>	61.00	Mudd 1			0.30	0		
	Tot	al Length:	71	.00 ft	Total Volume:	0.349 bbl				
	Nu	m Fluid Samp	oles: 0		Num Gas Bombs:	0	Serial #	# :		
		poratory Nan			Laboratory Location					
		covery Comr								
			normo.							

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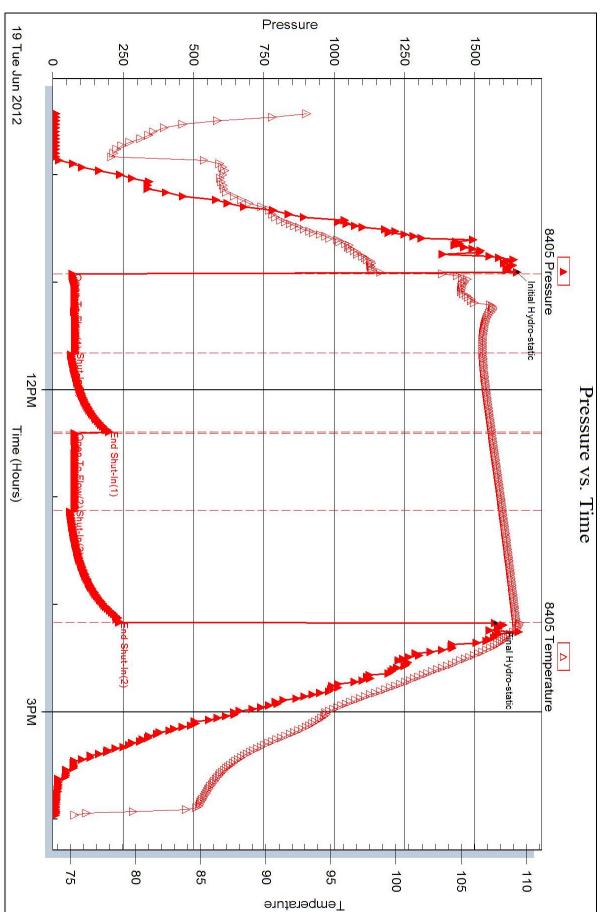
Superior Testers Enterprises LLC Ref. No: 17688



Robl Farms #1

Printed: 2012.06.20 @ 11:22:37

Superior Testers Enterprises LLC Ref. No: 17688



Serial #: 8405 Outside RJM Company

Robl Farms #1



DRILL STEM TEST REPORT

Prepared For: RJM Company

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

Robl Farms #1

18-19s-11w

 Start Date:
 2012.06.20 @ 09:41:00

 End Date:
 2012.06.20 @ 15:00:30

 Job Ticket #:
 17689
 DST #:
 7

Superior Testers Enterprises LLC PO Box 138 Great Bend KS 67530 1-800-792-6902

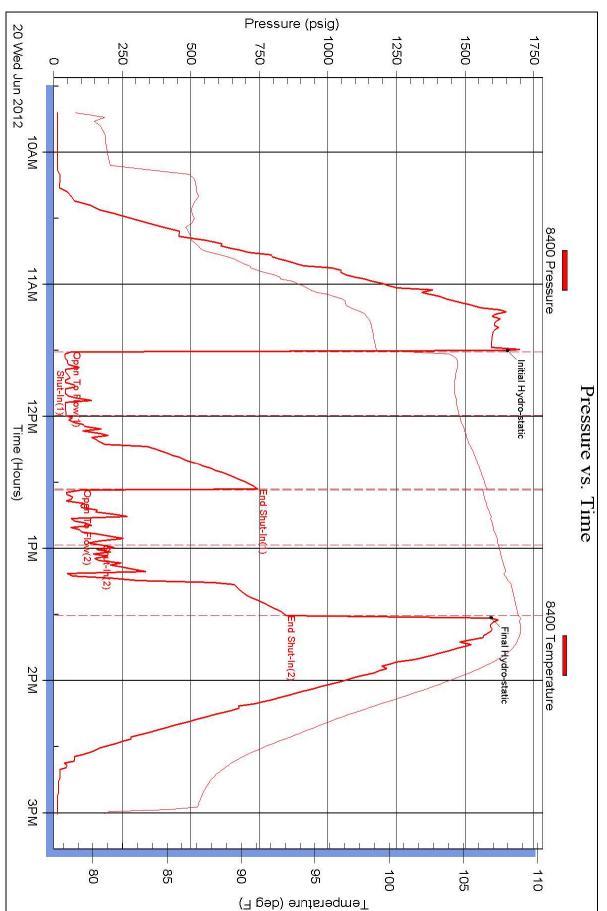
III		RJM Company		18-	19s-11w			
			1505		bl Farm			
	STER	Po Box 256 Claflin Kansas 67	525		Ticket: 17		DST#:7	•
		ATTN: Jim Musgrove)12.06.20 @	_	
GENERALI	NFORMATION:							
Formation: Deviated: Fime Tool Oper Fime Test Ende		ft (KB)		Tes	ter: I	Conventional Dustin Ellis 3315-GB-30		le (Initial)
nterval: Fotal Depth: Hole Diameter:	3389.00 ft (KB) (T	3 89.00 ft (KB) (TVD) √D) ∋ Condition: Fair		Ref	erence Ele KB t	evations: o GR/CF:	1799.00 1792.00 7.00	ft (CF)
Serial #: 84 Press@RunDe Start Date: Start Time:	epth: 174.06 psig 2012.06.20 09:41:00	End Date: End Time:	2012.06.20 15:00:30	Capacity Last Cali Time On Time Off	b.: Btm: 2	2 2012.06.20 (2012.06.20 (psig
	1st Shut in 30 n 2nd Open 30 m	inutes Weak blow blew 1 inch in ninutes No blow back. inutes Weak surface blew 1 inc ninutes No blow back.		PI				
	8400 Pressure	3400 Temperature 11	<u> </u>			Annotatio		
1750			• Time	Pressure	Temp		11	
	N Heal Hydrocense	Final Accident	(Min.)	(psig)	(deg F)			
		Final Actor State	(Min.)	(psig)	•	Initial Hydro Open To Fl	o-static	
1760			(Min.) 6 0 1 0 30	(psig) 1653.58 64.98 43.79	(deg F) 99.17 100.61 104.72	Initial Hydro Open To Fle Shut-In(1)	o-static ow (1)	
1200			(Min.) (Min.) (Min.) 0 1 30 63 5 63	(psig) 1653.58 64.98	(deg F) 99.17 100.61 104.72 106.58	Initial Hydro Open To Fl	o-static ow (1) n(1)	
1500			(Min.) (Min.)	(psig) 1653.58 64.98 43.79 743.79	(deg F) 99.17 100.61 104.72 106.58	Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	o-static ow (1) n(1) ow (2) n(2)	
	11AM 12 ^M Time (Hous)		(Min.) (Min.) (Min.) (Min.) (0 1 30 63 64 89 121 122	(psig) 1653.58 64.98 43.79 743.79 103.53 174.06 846.66	(deg F) 99.17 100.61 104.72 106.58 106.28 107.37 108.68	Initial Hydro Open To Fl Shut-In(1) End Shut-In Open To Fl Shut-In(2) End Shut-In	o-static ow (1) n(1) ow (2) n(2)	
			(Min.) (Min.) (Min.) (Min.) (0 1 30 63 64 89 121 122	(psig) 1653.58 64.98 43.79 743.79 103.53 174.06 846.66	(deg F) 99.17 100.61 104.72 106.58 106.28 107.37 108.68 108.86	Initial Hydro Open To Fl Shut-In(1) End Shut-In Open To Fl Shut-In(2) End Shut-In	o-static ow (1) n(1) ow (2) n(2)	
1500 1200 1200 1200 1000 1000 1000 1000 100M Wed Jun 2012 Length (ft)	11AM 12PM Time (Hous) Recovery Description	International and the second s	(Min.) (Min.) (Min.) (Min.) (0 1 30 63 64 89 121 122	(psig) 1653.58 64.98 43.79 743.79 103.53 174.06 846.66	(deg F) 99.17 100.61 104.72 106.58 106.28 107.37 108.68 108.86	Initial Hydro Open To Fl Shut-In(1) End Shut-In Open To Fl Shut-In(2) End Shut-In Final Hydro	o-static ow (1) n(1) ow (2) n(2) o-static	as Rate (m³/d)
1500 1200 1200 1200 1000 1000 1000 1000 100M Wed Jun 2012 Length (ft)	119M 12PM Time (House) Recovery		(Min.) (Min.) (Min.) (Min.) (0 1 30 63 64 89 121 122	(psig) 1653.58 64.98 43.79 743.79 103.53 174.06 846.66	(deg F) 99.17 100.61 104.72 106.58 106.28 107.37 108.68 108.86	Initial Hydro Open To Fl Shut-In(1) End Shut-In Open To Fl Shut-In(2) End Shut-In Final Hydro	o-static ow (1) n(1) ow (2) n(2) o-static	as Rate (m³/d)
1200 1250 770 250 0 250 0 1004 1004 1004 1004 1004	11AM 12PM Time (Hous) Recovery Description	International and the second s	(Min.) (Min.) (Min.) (Min.) (0 1 30 63 64 89 121 122	(psig) 1653.58 64.98 43.79 743.79 103.53 174.06 846.66	(deg F) 99.17 100.61 104.72 106.58 106.28 107.37 108.68 108.86	Initial Hydro Open To Fl Shut-In(1) End Shut-In Open To Fl Shut-In(2) End Shut-In Final Hydro	o-static ow (1) n(1) ow (2) n(2) o-static	as Rate (m³/d)

RERIA	DRILL STEM	TES	TREP	ORT				
ENTERPRISES LLC	RJM Company			18-	19s-11w	,		
	Po Box 256 Claflin Kansa	s 67525	5	Ro	bl Farm	s #1		
				Job	Ticket: 17	7689	DST#:7	7
	ATTN: Jim Musgrove			Tes	t Start: 20)12.06.20 @	09:41:00	
GENERAL INFORMATION	J:							
Formation:ArbuckleDeviated:NoWhTime Tool Opened:11:30:30Time Test Ended:15:00:30	pstock: ft (KB)			Tes	ter: I	Conventiona Dustin Ellis 3315-GB-30	l Bottom Hol	le (Initial)
-) To 3389.00 ft (KB) (TVD) t (KB) (TVD) nchesHole Condition: Fair			Ref	erence Ele KB t	evations: to GR/CF:	1799.00 1792.00 7.00	ft (CF)
Start Date: 201 Start Time: 0	Ide .09 psig @ 3385.00 ft (KB) 2.06.20 End Date: .9:41:00 End Time:		2012.06.20 15:01:00 bucket.	Capacity Last Calil Time On Time Off	b.: Btm: 2	2012.06.20 (2012.06.20 (psig
2nd Op 2nd Sh	It in 30 minutes No blow back. en 30 minutes Weak surface blew 7 ut in 30 minutes No blow back.	1 inch.						
Bito Presure 100 100 100 100 100 100 100 10	BUD TEMPERATURE BUD TE	- Temperature (deg F) 105 108 108 80 80 75	Time (Min.) 0 4 29 63 64 88 121 122	Pressure (psig) 1651.67 371.11 467.82 1107.66 589.81 1018.61 1119.09 1597.52	Temp (deg F) 98.60 105.44 106.03 106.62	Annotatio Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2)	n o-static ow (1) h(1) ow (2) h(2)	
Re	ecovery			•	Ga	s Rates		
	volume (bbl)				Choke (i	nches) Pressur	re (psig) Ga	as Rate (m³/d)
7.00 Mud 100%	0.03							

	PERIO		DRI	LL STE	MTEST	REPO	RT	TOOL DIAGRA
		;	RJM Co	mpany			18-19s-11w	
	CTEX/		Po Box	256 Claflin Ka	ansas 67525		Robl Farms #1	
							Job Ticket: 17689	DST#:7
			ATTN:	Jim Musgrov	e		Test Start: 2012.06.20	09:41:00
Tool Information	on		ļ					
Drill Pipe:	Length:	3254.00 ft	Diameter:	3.80 ind	ches Volume:	45.65 bb	I Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 ind	ches Volume:	0.00 bb	Weight set on Packer	: 20000.00 lb
Drill Collar:	Length:	118.79 ft	Diameter:	2.25 in	ches Volume:	0.58 bb	Weight to Pull Loose:	46000.00 lb
Drill Ding Albaya	VD.	13.79 ft		-	Total Volume:	46.23 bb		0.00 ft
Drill Pipe Above Depth to Top Pac		3379.00 ft					String Weight: Initial	44000.00 lb
Depth to Bottom		5579.00 ft					Final	44000.00 lb
Interval betweer		10.00 ft						
Tool Length:	in denoio.	30.00 ft						
Number of Packe	ers:	2	Diameter:	6.75 in	ches			
Tool Comments:								
Tool Descripti	on	Le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool			5.00			3364.00		
Hydrolic Tool			5.00			3369.00		
Packer			5.00			3374.00	20.00	Bottom Of Top Packer
Packer			5.00			3379.00		
			5.00			3384.00		
Anchor			1.00	8405	Outside	3385.00		
Anchor Recorder Recorder			1.00	8400	Inside	3386.00		

RER/S		DRIL	L STEM TEST	REPORT	-		FLUID S	JMMAR
	.c	RJM Cor	mpany		18-19s-11	w		
- ALTERS		Po Box 2	256 Claflin Kansas 67525		Robl Far	ms #1		
					Job Ticket:	17689	DST#:7	
		ATTN:	Jim Musgrove		Test Start:	2012.06.20 @ 0	9:41:00	
ud and Cushion In	formation							
ud Type: Gel Chem			Cushion Type:		<i>.</i>	Oil API:		deg API
) lb/gal) sec/qt		Cushion Length: Cushion Volume:		ft bbl	Water Salinity		ppm
iscosity: 48.00 /ater Loss: 15.20			Gas Cushion Type:		IDDI			
esistivity:	ohm.m		Gas Cushion Pressu	e:	psig			
alinity: 18000.00					P 5			
) inches							
ecovery Informatio	on		Recovery Table					
	Lengt	th	Description		Volume	٦		
	ft				bbl			
т	L Fotal Length:	•	Mud 100%	0.034 bbl	0.03	4		
	Num Fluid Samp		Num Gas Bombs:	0	Serial #	<i>t</i> ·		
	_aboratory Nam		Laboratory Locat		Contain			
F	Recovery Com	ments:						
F	Recovery Comr	nents:						
F	Recovery Comr	nents:						
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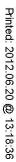


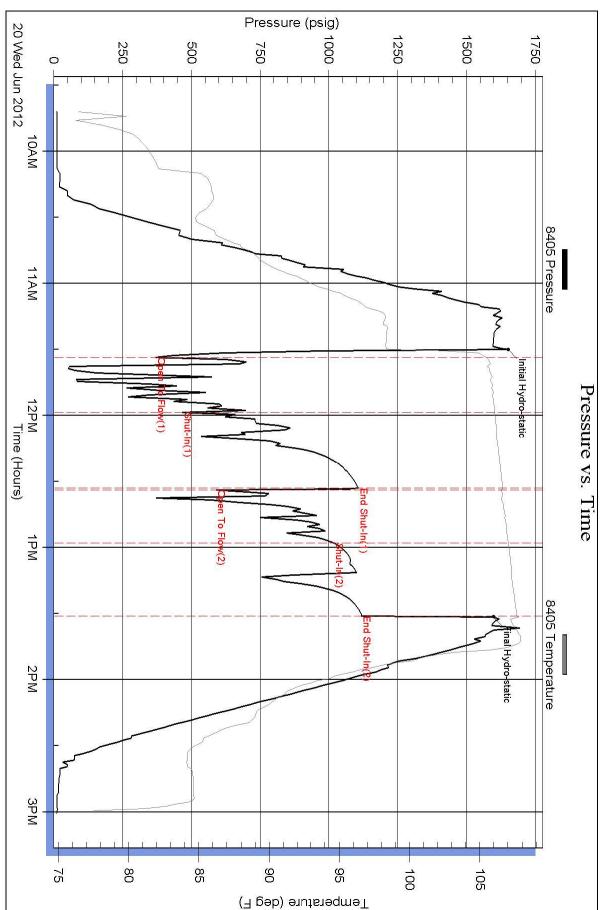


Serial #: 8400

Inside RJM Company

Robl Farms #1





Serial #: 8405

Outside RJM Company

Robl Farms #1