

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1093583

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
Ε σοιτία π.	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	County: Permit #:

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY				
Confidentiality Requested				
Date:				
Confidential Release Date:				
Wireline Log Received				
Geologist Report Received				
UIC Distribution				
ALT I II III Approved by: Date:				

Page Two



Operator Name:				_ Lease I	Name: _			Well #:	
Sec Twp	S. R	East	West	County	:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whe	ther shut-in pre chart(s). Attach	ssure reac extra shee	hed stati	c level, hydrosta space is neede	tic pressures, b d.	ottom hole temp	erature, fluid recov
Final Radioactivity Lo files must be submitte						ogs must be ema	alled to kcc-well-	logs@kcc.ks.go	v. Digital electronic
Drill Stem Tests Taker (Attach Additional		Y	es No			J	on (Top), Depth		Sample
Samples Sent to Geo	logical Survey	Y	es No		Nam	е		Тор	Datum
Cores Taken Electric Log Run			es No						
List All E. Logs Run:									
				RECORD	Ne				
	0: 11.1					ermediate, product		" 0 1	T 15
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Percer Additives
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives	
Perforate Protect Casing	Top Dottom								
Plug Back TD Plug Off Zone									
1 lug 0 li 20 lio									
Did you perform a hydrau	ulic fracturing treatment	on this well	?			Yes	No (If No, s	skip questions 2 a	nd 3)
Does the volume of the t			-		-			skip question 3)	
Was the hydraulic fractur	ing treatment informatio	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, i	ill out Page Three	of the ACO-1)
Shots Per Foot			RD - Bridge Plug Each Interval Perl				cture, Shot, Ceme	nt Squeeze Recor	rd Depth
						(* *			200
TUBING RECORD:	Size:	Set At:		Packer A	t·	Liner Run:			
		0017111				[Yes N	o	
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gravity
DIODOCITI	01.05.040			4ETUOD 05	. 00145/	TION:		DDOD! ICT!	
DISPOSITION Solo	ON OF GAS: Used on Lease		N Open Hole	∥ETHOD OF Perf.			mmingled	PRODUCTION	ON INTERVAL:
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)		

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/

Sam Brownback, Governor

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

September 13, 2012

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

Re: ACO1 API 15-009-25709-00-00 Vendetti 1 SW/4 Sec.03-18S-13W 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





Prepared For: **RJM Oil Co.**

Po Box 256 Claflin Kansas 67525

ATTN: Josh Austin

Vendetti #1

3-18s-13wBarton

Start Date: 2012.07.23 @ 12:42:00 End Date: 2012.07.23 @ 19:37:30 Job Ticket #: 17311 DST #: 1

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



RJM Oil Co.

3-18s-13w Barton

Po Box 256 Claflin Kansas

67525

Job Ticket: 17311

Vendetti #1

DST#: 1

ATTN: Josh Austin

Test Start: 2012.07.23 @ 12:42:00

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 14:29:30 Tester: Dustin Ellis

Time Test Ended: 19:37:30 Unit No: 3315-Great Bend-20

Interval: 3052.00 ft (KB) To 3140.00 ft (KB) (TVD) Reference Elevations: 1815.00 ft (KB)

Total Depth: 3140.00 ft (KB) (TVD) 1808.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 8400 Outside

Press @ RunDepth: 518.67 psia @ 3137.33 ft (KB) Capacity: 5000.00 psia

 Start Date:
 2012.07.23
 End Date:
 2012.07.23
 Last Calib.:
 2012.07.23

 Start Time:
 12:42:00
 End Time:
 19:37:30
 Time On Btm:
 2012.07.23 @ 14:29:00

 Time Off Btm:
 2012.07.23 @ 17:31:00

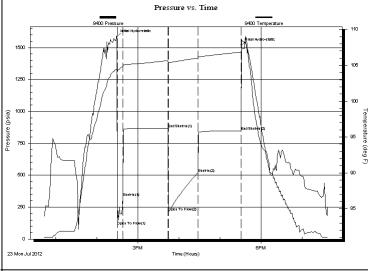
TEST COMMENT: 1st Open 30 minutes Fair building blow blew bottom bucket 6 minutes

1st Shut in 45 minutes No blow back

2nd Open 45 minutes Fair building blow blew bottom bucket 6 minutes

Ref. No: 17311

2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psia)	(deg F)	
	0	1586.26	104.53	Initial Hydro-static
	1	106.86	104.05	Open To Flow (1)
	9	330.78	104.79	Shut-In(1)
_	75	866.72	105.66	End Shut-In(1)
empe	76	216.01	105.34	Open To Flow (2)
Temperature (deg	119	518.67	106.02	Shut-In(2)
(deg	182	847.55	106.84	End Shut-In(2)
Ð	182	1518.79	107.06	Final Hydro-static

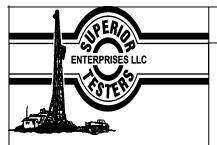
Recovery

Length (ft)	Description	Volume (bbl)
122.00	Slightly oil cut mud	1.71
0.00	Oil1%99%Mud	0.00
183.00	Oil pluse water cut gassy mud	2.57
0.00	10% gas 5%Oil15%mud 70%w ater	0.00
255.00	Oil cut muddy water	3.58
0.00	20%oil10%mud70%w ater	0.00

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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Printed: 2012.07.23 @ 18:22:09



RJM Oil Co.

3-18s-13w Barton

Po Box 256 Claflin Kansas

67525

Job Ticket: 17311

Reference Elevations:

Vendetti #1

DST#: 1

ATTN: Josh Austin

Test Start: 2012.07.23 @ 12:42:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: Test Type: Conventional Bottom Hole (Initial) No Whipstock: ft (KB)

Time Tool Opened: 14:29:30 Tester: Dustin Ellis

Time Test Ended: 19:37:30 Unit No: 3315-Great Bend-20

3052.00 ft (KB) To 3140.00 ft (KB) (TVD) Interval:

1815.00 ft (KB) 3140.00 ft (KB) (TVD) 1808.00 ft (CF)

Total Depth:

7.88 inches Hole Condition: Fair Hole Diameter: KB to GR/CF: 7.00 ft

Serial #: 8405 Inside

Press@RunDepth: 5000.00 psia 848.93 psia @ 3136.33 ft (KB) Capacity:

Start Date: 2012.07.23 End Date: 2012.07.23 Last Calib.: 2012.07.23 Start Time: 12:42:00 End Time: 19:37:00 Time On Btm: 2012.07.23 @ 14:29:00

Time Off Btm: 2012.07.23 @ 17:31:00

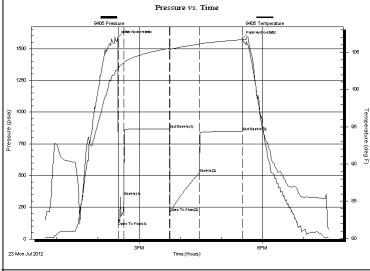
TEST COMMENT: 1st Open 30 minutes Fair building blow blew bottom bucket 6 minutes

1st Shut in 45 minutes No blow back

2nd Open 45 minutes Fair building blow blew bottom bucket 6 minutes

Ref. No: 17311

2nd Shut in 60 minutes No blow back



PRESSURE S	UMMARY
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1	Time	Pressure	Temp	Annotation
	(Min.)	(psia)	(deg F)	
	0	1586.68	103.08	Initial Hydro-static
	1	100.01	102.70	Open To Flow (1)
	9	337.59	103.61	Shut-In(1)
,	75	867.30	105.53	End Shut-In(1)
	76	214.43	105.43	Open To Flow (2)
	119	520.91	106.09	Shut-In(2)
	182	848.93	106.70	End Shut-In(2)
9	182	1582.06	106.83	Final Hydro-static

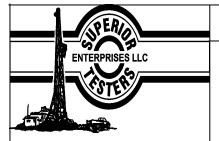
Recovery

Length (ft)	Description	Volume (bbl)
122.00	Slightly oil cut mud	1.71
0.00	Oil1%99%Mud	0.00
183.00	Oil pluse water cut gassy mud	2.57
0.00	10% gas 5%Oil15%mud 70%w ater	0.00
255.00	Oil cut muddy w ater	3.58
0.00	20%oil10%mud70%w ater	0.00

Gas Rates

Choke (inc	hes) Pressure (psia)	Gas Rate (Mcf/d)
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Printed: 2012.07.23 @ 18:22:10



TOOL DIAGRAM

RJM Oil Co.

3-18s-13w Barton

Po Box 256 Claflin Kansas

67525

Vendetti #1

Job Ticket: 17311

Tool Chased

DST#: 1

ATTN: Josh Austin

Test Start: 2012.07.23 @ 12:42:00

Tool Information

Drill Pipe: Length: 3053.00 ft Diameter: Heavy Wt. Pipe: Length: Drill Collar: Length:

3.80 inches Volume: 0.00 inches Volume: 0.00 ft Diameter: 0.00 ft Diameter: 0.00 inches Volume: Total Volume:

42.83 bbl 0.00 bbl 0.00 bbl Tool Weight: 2000.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 40000.00 lb

Printed: 2012.07.23 @ 18:22:10

42.83 bbl

0.00 ft

String Weight: Initial 34000.00 lb

Final 35000.00 lb

Drill Pipe Above KB: 21.00 ft Depth to Top Packer: 3052.00 ft

Depth to Bottom Packer: ft Interval between Packers: 88.33 ft Tool Length: 108.33 ft

Number of Packers:

6.75 inches

Ref. No: 17311

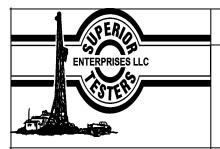
Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool	5.00			3037.00		
Hydrolic Tool	5.00			3042.00		
Packer	5.00			3047.00	20.00	Bottom Of Top Packer
Packer	5.00			3052.00		
Anchor	10.00			3062.00		
Change Over Sub	0.75			3062.75		
Drill Pipe	61.83			3124.58		
Change Over Sub	0.75			3125.33		
Anchor	10.00			3135.33		
Recorder	1.00	8405	Inside	3136.33		
Recorder	1.00	8400	Outside	3137.33		
Bull Plug	3.00			3140.33	88.33	Bottom Packers & Anchor

Total Tool Length: 108.33

2

Diameter:



FLUID SUMMARY

DST#: 1

Printed: 2012.07.23 @ 18:22:10

RJM Oil Co. 3-18s-13w Barton

Po Box 256 Claflin Kansas Vendetti #1

67525 Job Ticket: 17311

ATTN: Josh Austin Test Start: 2012.07.23 @ 12:42:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 58.00 sec/qt Cushion Volume: bbl

Water Loss: 10.40 in³ Gas Cushion Type:

Resistivity: 0.10 ohm.m Gas Cushion Pressure: psia

Salinity: 7000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	Slightly oil cut mud	1.711
0.00	Oil1%99%Mud	0.000
183.00	Oil pluse water cut gassy mud	2.567
0.00	10% gas 5%Oil15%mud 70%w ater	0.000
255.00	Oil cut muddy w ater	3.577
0.00	20%oil10%mud70%w ater	0.000
142.00	Oil & Gas cut water 30%gas20%oil50%wat	e 1.992
122.00	Slightly oil cut mud 1%oil99%mudd	1.711
122.00	Water 100%	1.711
0.00	Chlorides 59,000 .1 ohms@56Degrees	0.000

Total Length: 946.00 ft Total Volume: 13.269 bbl

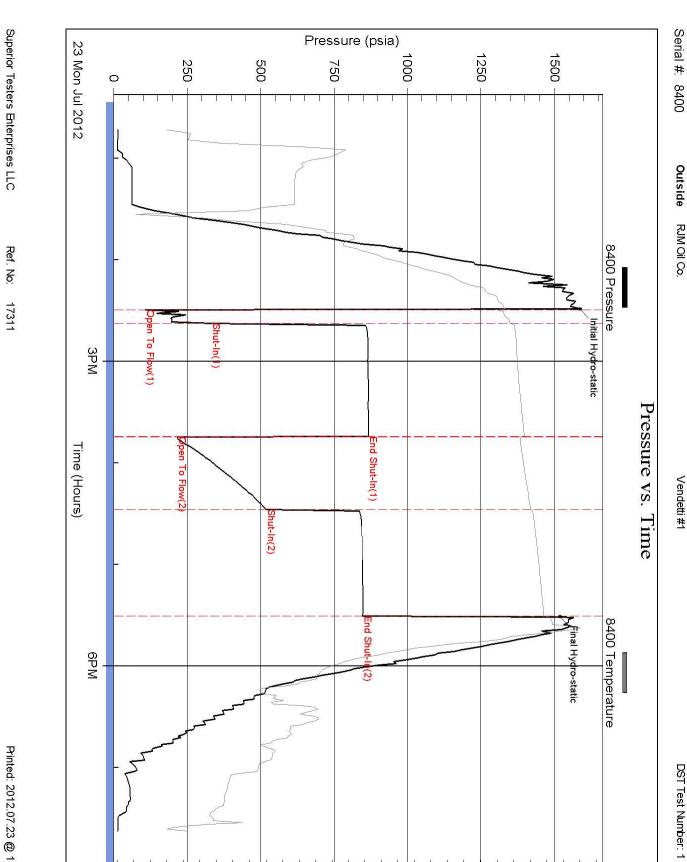
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

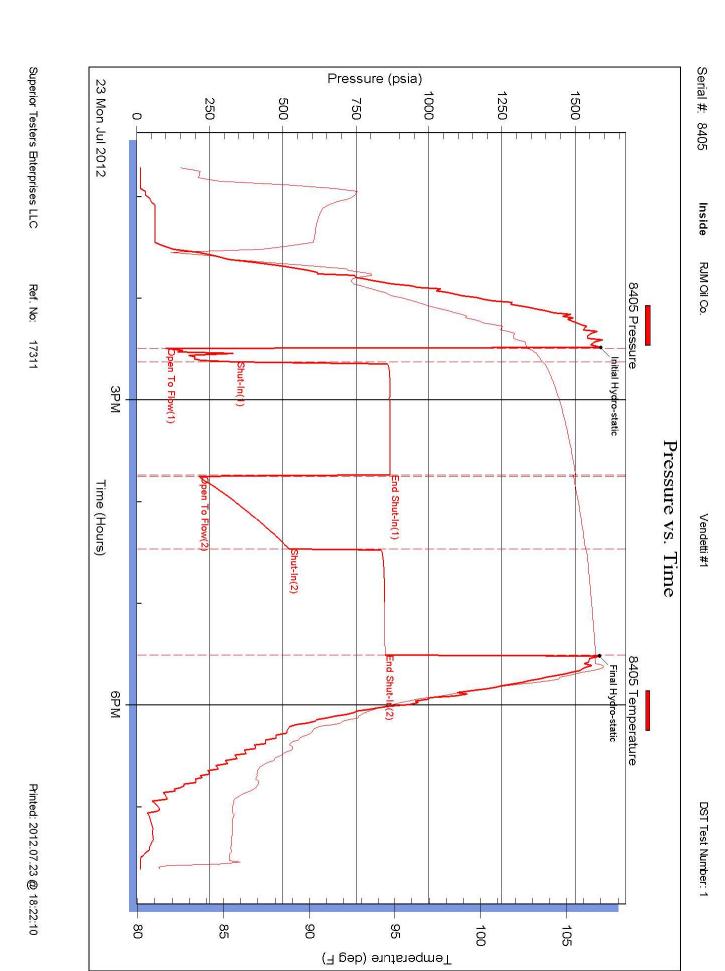
Ref. No: 17311

Recovery Comments:

Superior Testers Enterprises LLC



Temperature (deg F)



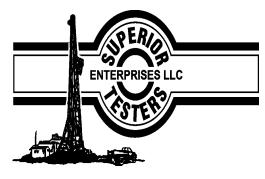












Prepared For: **RJM Oil Co.**

Po Box 256 Claflin Kansas

67525

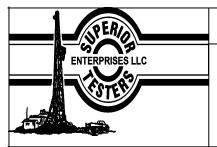
ATTN: Josh Austin

Vendetti #1

3-18s-13wBarton

Start Date: 2012.07.24 @ 02:11:00 End Date: 2012.07.24 @ 07:33:00 Job Ticket #: 17312 DST #: 2

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



RJM Oil Co.

3-18s-13w Barton

Po Box 256 Claflin Kansas

67525

Job Ticket: 17312

Vendetti #1

Tester:

Unit No:

DST#: 2

ATTN: Josh Austin

Test Start: 2012.07.24 @ 02:11:00

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:02:30 Time Test Ended: 07:33:00

Interval: 3140.00 ft (KB) To 3160.00 ft (KB) (TVD)

Total Depth: 3160.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Dustin Ellis

3315-Great Bend-20

Reference Elevations:

1815.00 ft (KB)

ererence Elevations.

1808.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8400 Outside

Press @ RunDepth: 68.41 psia @ 3157.00 ft (KB) Capacity: 5000.00 psia

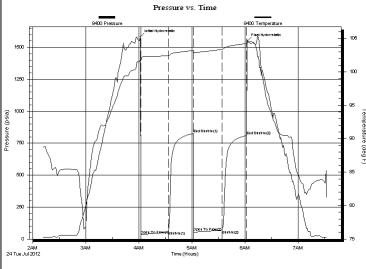
 Start Date:
 2012.07.24
 End Date:
 2012.07.24
 Last Calib.:
 2012.07.24

 Start Time:
 02:11:00
 End Time:
 07:33:00
 Time On Btm:
 2012.07.24 @ 04:02:00

 Time Off Btm:
 2012.07.24 @ 06:03:00

TEST COMMENT: 1st Open 30 minutes Weak blow reached 1.5 inches

1st Shut in 30 minutes No blow back 2nd Open 30 minutes Weak surface blow. 2nd Shut in 30 minutes No blow back



	PRESSURE SUMMARY					
Ī	Time	Pressure	Temp	Annotation		
	(Min.)	(psia)	(deg F)			
	0	1584.50	102.35	Initial Hydro-static		
	1	34.06	101.76	Open To Flow (1)		
	32	60.65	102.44	Shut-In(1)		
_	60	825.11	103.19	End Shut-In(1)		
Temperature	60	56.07	102.71	Open To Flow (2)		
rature	92	68.41	103.38	Shut-In(2)		
(deq	120	809.11	104.25	End Shut-In(2)		
J	121	1552.96	104.50	Final Hydro-static		

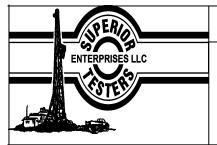
DDECCLIDE CLIMMADY

Recovery

Length (ft)	Length (ft) Description 62.00 Water 2%Mud 98%Water	
62.00		
0.00 Chlorides 61000 @72 degrees		0.00

Gas Rates					
Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)			

Superior Testers Enterprises LLC Ref. No: 17312 Printed: 2012.07.24 @ 05:50:50



RJM Oil Co.

3-18s-13w Barton

Po Box 256 Claflin Kansas

67525

Job Ticket: 17312

Vendetti #1

Tester:

Unit No:

DST#: 2

ATTN: Josh Austin

Test Start: 2012.07.24 @ 02:11:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:02:30 Time Test Ended: 07:33:00

Interval:

3140.00 ft (KB) To 3160.00 ft (KB) (TVD)

Total Depth: 3160.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair Test Type: Conventional Bottom Hole (Initial)

3315-Great Bend-20

Dustin Ellis

Reference Elevations:

1815.00 ft (KB)

1808.00 ft (CF) KB to GR/CF: 7.00 ft

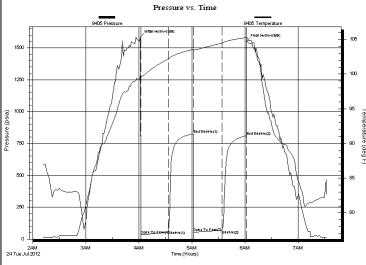
Serial #: 8405 Inside

Press@RunDepth: 5000.00 psia 809.95 psia @ 3156.00 ft (KB) Capacity:

Start Date: 2012.07.24 End Date: 2012.07.24 Last Calib.: 2012.07.24 Start Time: 02:11:00 End Time: 07:33:00 Time On Btm: 2012.07.24 @ 04:02:00 Time Off Btm: 2012.07.24 @ 06:02:00

TEST COMMENT: 1st Open 30 minutes Weak blow reached 1.5 inches

1st Shut in 30 minutes No blow back 2nd Open 30 minutes Weak surface blow. 2nd Shut in 30 minutes No blow back



	PRESSURE SUMMARY				
Ī	Time	Pressure	Temp	Annotation	
	(Min.)	(psia)	(deg F)		
	0	1584.32	99.89	Initial Hydro-static	
	1	33.69	99.58	Open To Flow (1)	
	32	64.80	102.17	Shut-In(1)	
=	60	825.96	103.59	End Shut-In(1)	
empe	60	53.65	103.39	Open To Flow (2)	
Temperature (deg	92	68.73	104.45	Shut-In(2)	
(deg	120	809.95	105.25	End Shut-In(2)	
J	120	1549.54	105.46	Final Hydro-static	

Recovery

Length (ft)	Description	Volume (bbl)
62.00	62.00 Water 2%Mud 98%Water	
0.00 Chlorides 61000 @72 degrees		0.00

Gas Rates				
Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)		

Superior Testers Enterprises LLC Ref. No: 17312 Printed: 2012.07.24 @ 05:50:50



TOOL DIAGRAM

RJM Oil Co.

3-18s-13w Barton

Po Box 256 Claflin Kansas

67525

Vendetti #1 Job Ticket: 17312

DST#: 2

ATTN: Josh Austin

Test Start: 2012.07.24 @ 02:11:00

Tool Information

Drill Pipe: Length: 3124.00 ft Diameter: Heavy Wt. Pipe: Length: Drill Collar: Length:

0.00 ft Diameter: 0.00 ft Diameter: 3.80 inches Volume: 43.82 bbl 0.00 inches Volume: 0.00 bbl 0.00 inches Volume: 0.00 bbl Total Volume: 43.82 bbl

Tool Weight: 2000.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 60000.00 lb

Tool Chased 0.00 ft String Weight: Initial 34000.00 lb

Printed: 2012.07.24 @ 05:50:50

Final 34000.00 lb

Drill Pipe Above KB: 12.00 ft Depth to Top Packer: 3140.00 ft

Depth to Bottom Packer: ft Interval between Packers: 20.00 ft Tool Length: 48.00 ft

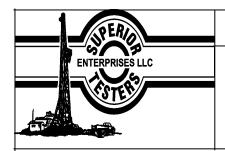
Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool	5.00			3117.00		
Hydrolic Tool	5.00			3122.00		
Jars	6.00			3128.00		
Safety Joint	2.00			3130.00		
Packer	5.00			3135.00	28.00	Bottom Of Top Packer
Packer	5.00			3140.00		
Anchor	15.00			3155.00		
Recorder	1.00	8405	Inside	3156.00		
Recorder	1.00	8400	Outside	3157.00		
Bull Plug	3.00			3160.00	20.00	Bottom Packers & Anchor

Ref. No: 17312

Total Tool Length: 48.00



FLUID SUMMARY

RJM Oil Co.

3-18s-13w Barton

Po Box 256 Claflin Kansas 67525 Vendetti #1

Job Ticket: 17312

DST#: 2

ATTN: Josh Austin

Test Start: 2012.07.24 @ 02:11:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 58.00 sec/qt Cushion Volume: bbl

Water Loss: 10.40 in³ Gas Cushion Type:

Resistivity: 0.20 ohm.m Gas Cushion Pressure: psia

Salinity: 7000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Water 2%Mud 98%Water	0.870
0.00	Chlorides 61000 @72 degrees	0.000

Total Length: 62.00 ft Total Volume: 0.870 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

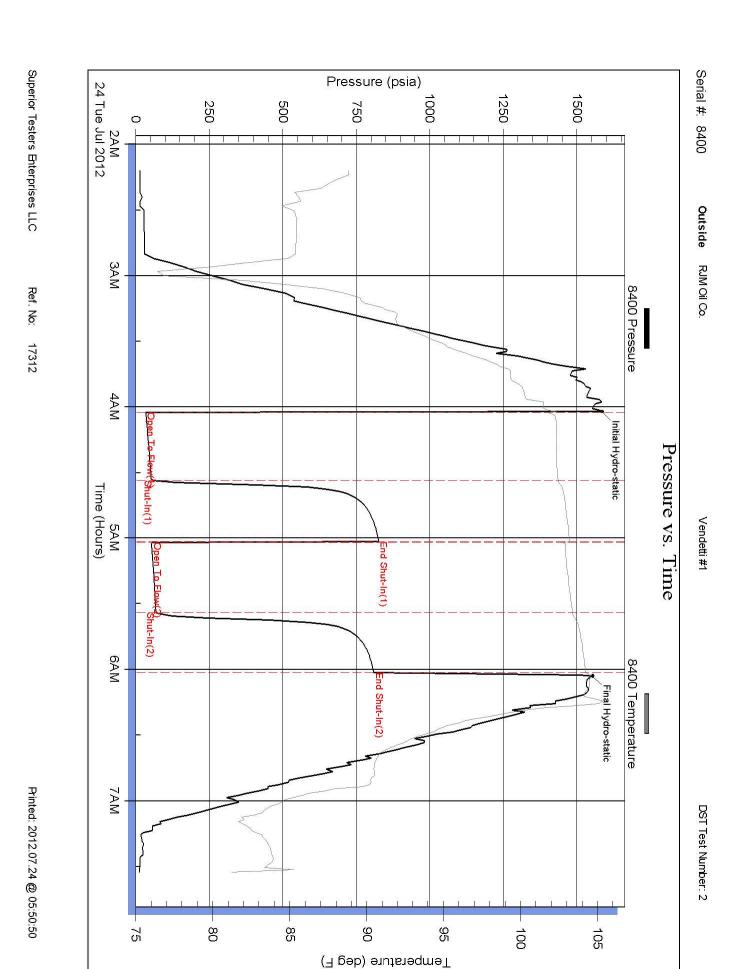
Laboratory Name: Laboratory Location:

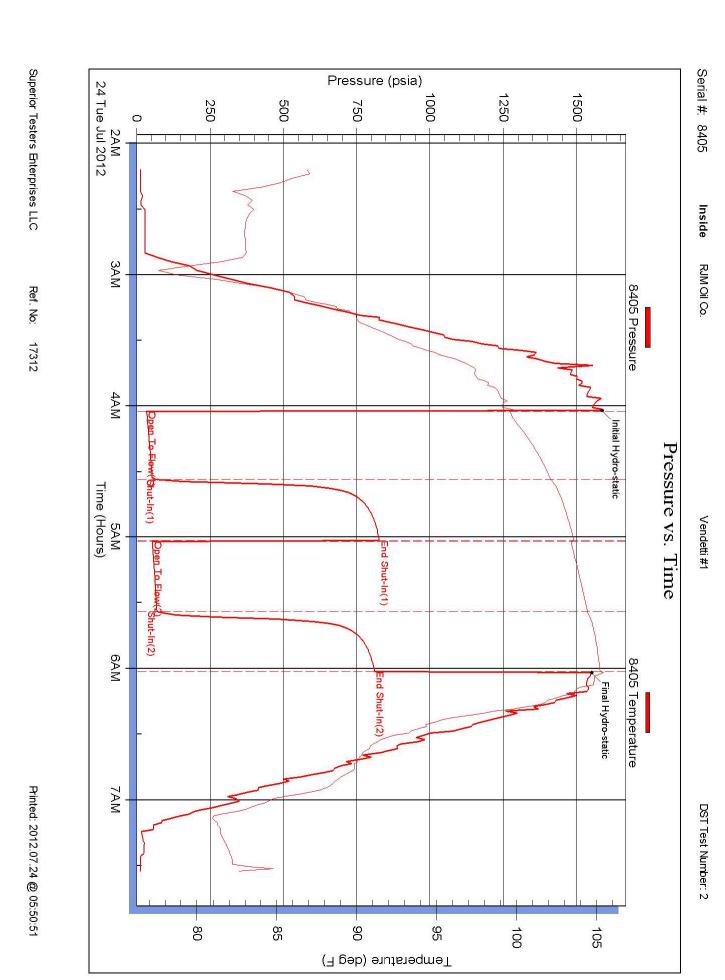
Ref. No: 17312

Recovery Comments:

Superior Testers Enterprises LLC

Printed: 2012.07.24 @ 05:50:50











Prepared For: **RJM Oil Co.**

Po Box 256 Claflin Kansas

67525

ATTN: Josh Austin

Vendetti #1

3-18s-13wBarton

Start Date: 2012.07.24 @ 05:37:00 End Date: 2012.07.24 @ 11:57:00 Job Ticket #: 17313 DST #: 3

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



RJM Oil Co.

3-18s-13w Barton

Po Box 256 Claflin Kansas

67525

Job Ticket: 17313

Vendetti #1

Tester:

DST#: 3

1808.00 ft (CF)

ATTN: Josh Austin

Test Start: 2012.07.24 @ 05:37:00

Dustin Ellis

GENERAL INFORMATION:

Formation: Lansing J-K

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:08:00 Time Test Ended: 11:57:00

ded: 11:57:00 Unit No:

Interval: 3184.00 ft (KB) To 3239.00 ft (KB) (TVD)

Total Depth: 3239.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Unit No: 3315-Great Bend-20
Reference Elevations: 1815.00 ft (KB)

Test Type: Conventional Bottom Hole (Initial)

KB to GR/CF: 7.00 ft

Serial #: 8405 Inside

Press @ RunDepth: 108.93 psia @ 3235.92 ft (KB) Capacity: 5000.00 psia

 Start Date:
 2012.07.24
 End Date:
 2012.07.24
 Last Calib.:
 2012.07.24

 Start Time:
 05:37:00
 End Time:
 11:57:00
 Time On Btm:
 2012.07.24 @ 07:07:30

 Time Off Btm:
 2012.07.24 @ 10:09:00

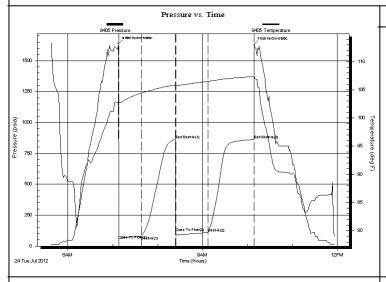
TEST COMMENT: 1st Open 30 minutes Strong blow bottom bucket 2.5 minutes

1st Shut in 45 minutes No blow back

2nd Open 45 minutes Strong blow blew bottom bucket less than 1 min

Ref. No: 17313

2nd Shut in 60 minutes No blow back



PRESSURE SUIVIIVIARY					
Time	Pressure	Temp	Annotation		
(Min.)	l (psia) l	(dea F)			

lime	Pressure	lemp	Annotation
(Min.)	(psia)	(deg F)	
0	1638.33	102.85	Initial Hydro-static
1	52.58	102.36	Open To Flow (1)
31	81.06	104.42	Shut-In(1)
76	862.69	105.84	End Shut-In(1)
77	114.66	105.67	Open To Flow (2)
120	108.93	106.48	Shut-In(2)
181	862.48	107.35	End Shut-In(2)
182	1630.91	107.48	Final Hydro-static

DDECCLIDE CLIMMADY

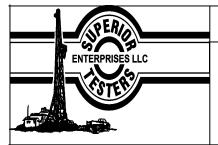
Recovery

Length (ft)	Description	Volume (bbl)	
137.00	Oil cut mud 50%Gas40%Oil 10%Mud		
15.00	Clean oil 100%	0.21	
0.00	Gravity of oil 46 corrected	0.00	
	•		

Gas Rates

Choke (in	ches) Pressure	(psia) Gas	Rate (Mcf/d)
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Printed: 2012.07.24 @ 22:17:32



RJM Oil Co.

3-18s-13w Barton

Po Box 256 Claflin Kansas

67525

Job Ticket: 17313

Reference Elevations:

Vendetti #1

Tester:

DST#: 3

1815.00 ft (KB)

ATTN: Josh Austin

Test Start: 2012.07.24 @ 05:37:00

Dustin Ellis

GENERAL INFORMATION:

Formation: Lansing J-K

Whipstock: Deviated: ft (KB)

Time Tool Opened: 07:08:00 Time Test Ended: 11:57:00

Unit No: 3315-Great Bend-20

3184.00 ft (KB) To 3239.00 ft (KB) (TVD) Interval:

Total Depth: 3239.00 ft (KB) (TVD) 1808.00 ft (CF) Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Test Type: Conventional Bottom Hole (Initial)

Serial #: 8400 Outside

Press@RunDepth: 5000.00 psia 861.71 psia @ 3236.92 ft (KB) Capacity:

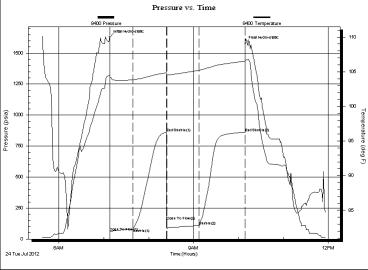
Start Date: 2012.07.24 End Date: 2012.07.24 Last Calib.: 2012.07.24 Start Time: 05:37:00 End Time: 11:57:00 Time On Btm: 2012.07.24 @ 07:08:00 Time Off Btm: 2012.07.24 @ 10:09:00

TEST COMMENT: 1st Open 30 minutes Strong blow bottom bucket 2.5 minutes

1st Shut in 45 minutes No blow back

2nd Open 45 minutes Strong blow blew bottom bucket less than 1 min

2nd Shut in 60 minutes No blow back



•	Time	Pressure	Temp	Annotation
	(Min.)	(psia)	(deg F)	
	0	1629.85	104.51	Initial Hydro-static
	1	59.53	104.13	Open To Flow (1)
	31	82.73	103.83	Shut-In(1)
_	76	861.67	104.84	End Shut-In(1)
Temperature	76	146.86	104.44	Open To Flow (2)
	119	108.74	105.19	Shut-In(2)
(deq	181	861.71	106.53	End Shut-In(2)
J	181	1579.07	106.75	Final Hydro-static

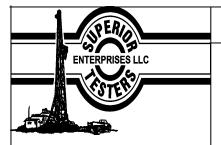
PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)			
137.00	137.00 Oil cut mud 50%Gas40%Oil 10%Mud				
15.00	0 Clean oil 100%				
0.00	0.00 Gravity of oil 46 corrected				

Gas Rates				
Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)		

Superior Testers Enterprises LLC Ref. No: 17313 Printed: 2012.07.24 @ 22:17:32



TOOL DIAGRAM

RJM Oil Co.

3-18s-13w Barton

Po Box 256 Claflin Kansas

67525

Vendetti #1 Job Ticket: 17313

DST#: 3

ATTN: Josh Austin

Test Start: 2012.07.24 @ 05:37:00

Tool Information

Drill Pipe: Length: 3175.00 ft Diameter: Heavy Wt. Pipe: Length: Drill Collar: Length:

0.00 ft Diameter: 0.00 ft Diameter: 3.80 inches Volume: 44.54 bbl 0.00 inches Volume: 0.00 inches Volume: Total Volume:

6.75 inches

Ref. No: 17313

0.00 bbl 0.00 bbl 44.54 bbl

Tool Weight: 2000.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 55000.00 lb Tool Chased

2.00 ft

Drill Pipe Above KB: 11.00 ft Depth to Top Packer: 3184.00 ft

Depth to Bottom Packer: ft Interval between Packers: 55.92 ft

75.92 ft

String Weight: Initial 30000.00 lb Final 31000.00 lb

Printed: 2012.07.24 @ 22:17:32

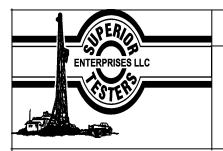
Tool Length:

2 Diameter: Number of Packers:

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool	5.00			3169.00		
Hydrolic Tool	5.00			3174.00		
Packer	5.00			3179.00	20.00	Bottom Of Top Packer
Packer	5.00			3184.00		
Anchor	10.00			3194.00		
Change Over Sub	0.75			3194.75		
Drill Pipe	31.42			3226.17		
Change Over Sub	0.75			3226.92		
Anchor	8.00			3234.92		
Recorder	1.00	8405	Inside	3235.92		
Recorder	1.00	8400	Outside	3236.92		
Bull Plug	3.00			3239.92	55.92	Bottom Packers & Anchor

Total Tool Length: 75.92



FLUID SUMMARY

DST#: 3

Printed: 2012.07.24 @ 22:17:32

RJM Oil Co. 3-18s-13w Barton

Po Box 256 Claflin Kansas Vendetti #1

67525 Job Ticket: 17313

ATTN: Josh Austin Test Start: 2012.07.24 @ 05:37:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: ppm

Viscosity: 52.00 sec/qt Cushion Volume: bbl

Water Loss: 12.00 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psia

Salinity: 12000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
137.00	Oil cut mud 50%Gas40%Oil 10%Mud	1.922
15.00	Clean oil 100%	0.210
0.00	Gravity of oil 46 corrected	0.000

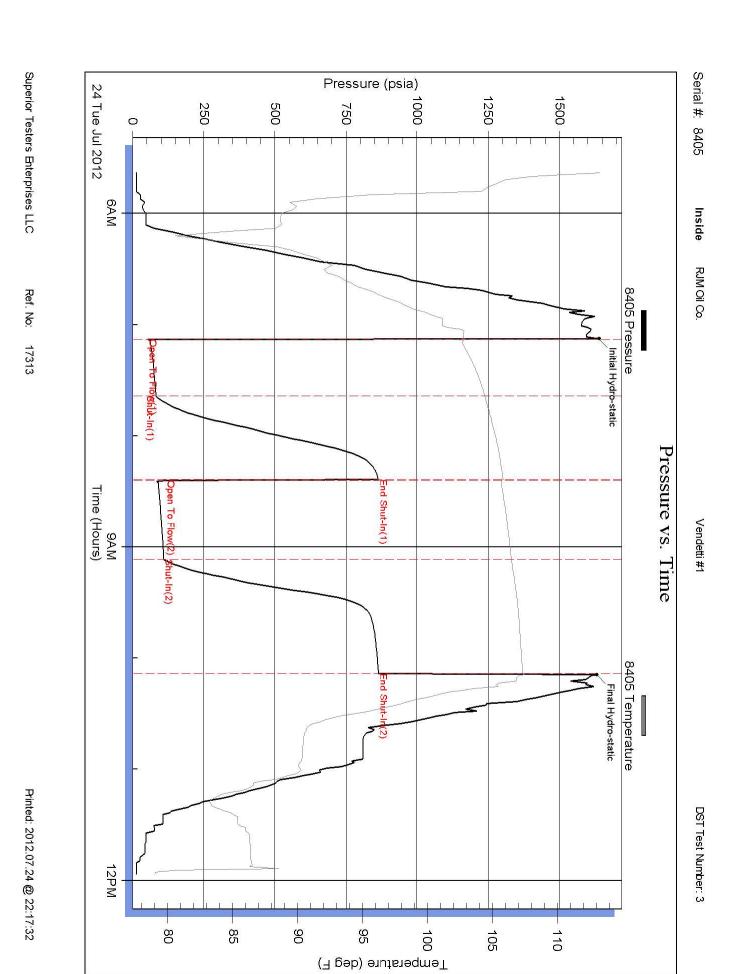
Total Length: 152.00 ft Total Volume: 2.132 bbl

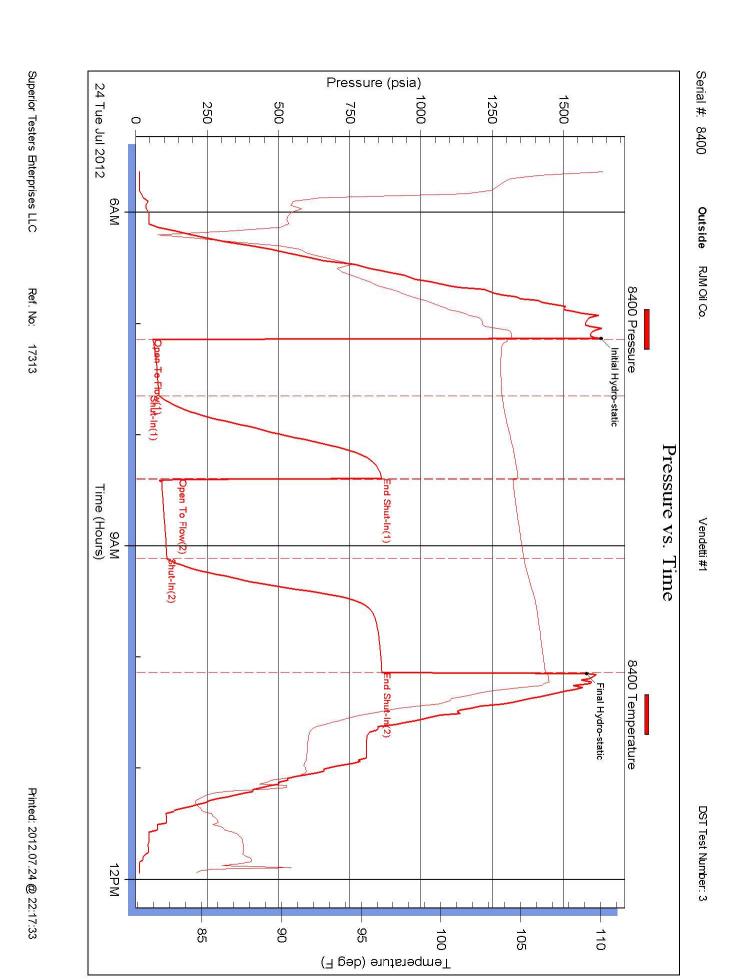
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Ref. No: 17313

Recovery Comments:





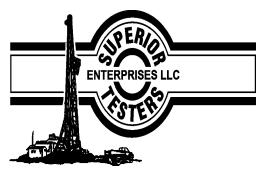












Prepared For: **RJM Oil Co.**

Po Box 256 Claflin Kansas

67525

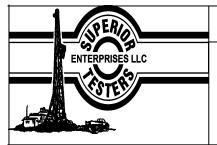
ATTN: Josh Austin

Vendetti #1

3-18s-13wBarton

Start Date: 2012.07.25 @ 10:00:00 End Date: 2012.07.25 @ 15:27:30 Job Ticket #: 17314 DST #: 4

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



RJM Oil Co.

3-18s-13w Barton

Po Box 256 Claflin Kansas

67525

Job Ticket: 17314

Reference Elevations:

Vendetti #1

Tester:

DST#: 4

1815.00 ft (KB)

ATTN: Josh Austin

Test Start: 2012.07.25 @ 10:00:00

Dustin Ellis

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:54:00

Time Test Ended: 15:27:30 Unit No: 3315-Great Bend-20

3268.00 ft (KB) To 3310.00 ft (KB) (TVD) Interval: Total Depth: 3310.00 ft (KB) (TVD)

Outside

1808.00 ft (CF) Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Test Type: Conventional Bottom Hole (Initial)

Serial #: 8400

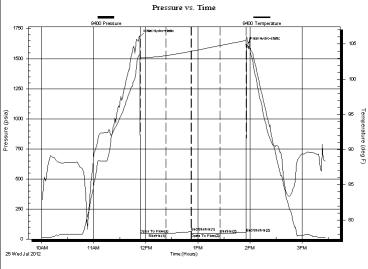
Press@RunDepth: 3307.00 ft (KB) 5000.00 psia 45.60 psia @ Capacity:

Start Date: 2012.07.25 End Date: 2012.07.25 Last Calib.: 2012.07.25 Start Time: 10:00:00 End Time: 2012.07.25 @ 11:53:30 15:27:30 Time On Btm: Time Off Btm: 2012.07.25 @ 13:56:00

TEST COMMENT: 1st Open 30 minutes Weak surface blow died off after 16 minutes

1st Shut in 30 minutes No blow back

2nd Open 30 minutes Dead 2nd Shut in 30 minutes No blow back



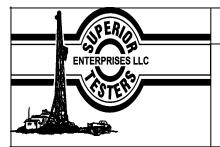
PRESSURE SUMMARY						
Time	Pressure	Temp	Annotation			
(Min.)	(psia)	(deg F)				
0	1681.57	103.57	Initial Hydro-static			
1	44.40	103.07	Open To Flow (1)			
30	44.60	103.35	Shut-In(1)			
59	61.62	103.96	End Shut-In(1)			
59	45.12	103.97	Open To Flow (2)			
92	45.60	104.77	Shut-In(2)			
122	54.95	105.50	End Shut-In(2)			
123	1617.92	106.07	Final Hydro-static			
	(Min.) 0 1 30 59 59 92 122	Time (Min.) (psia) 0 1681.57 1 44.40 30 44.60 59 61.62 59 45.12 92 45.60 122 54.95	Time (Min.) Pressure (psia) (deg F) 0 1681.57 103.57 1 44.40 103.07 30 44.60 103.35 59 61.62 103.96 59 45.12 103.97 92 45.60 104.77 122 54.95 105.50			

Recovery

Length (ft)	Description	Volume (bbl)		
2.00	2.00 Oil cut mud 10%Oil 90%mud			

Gas Rates				
	Choke (inches)	Proceure (neia)	Gas Rate (Mcf/d)	

Superior Testers Enterprises LLC Ref. No: 17314 Printed: 2012.07.25 @ 13:41:26



RJM Oil Co.

Po Box 256 Claflin Kansas

67525

ATTN: Josh Austin

3-18s-13w Barton

Vendetti #1

Tester:

Unit No:

Job Ticket: 17314 **DST#:4**

Test Start: 2012.07.25 @ 10:00:00

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:54:00

Time Test Ended: 15:27:30

Interval: 3268.00 ft (KB) To 3310.00 ft (KB) (TVD)

Total Depth: 3310.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Dustin Ellis

3315-Great Bend-20

Reference Elevations:

1815.00 ft (KB) 1808.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8405 Inside

Press @ RunDepth: 54.20 psia @ 3306.00 ft (KB) Capacity: 5000.00 psia

 Start Date:
 2012.07.25
 End Date:
 2012.07.25
 Last Calib.:
 2012.07.25

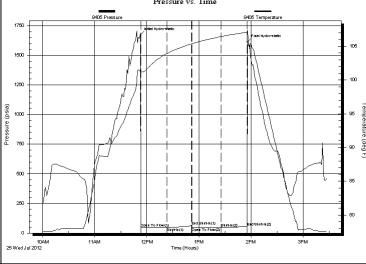
 Start Time:
 10:00:00
 End Time:
 15:27:30
 Time On Btm:
 2012.07.25 @ 11:53:00

 Time Off Btm:
 2012.07.25 @ 13:56:00

TEST COMMENT: 1st Open 30 minutes Weak surface blow died off after 16 minutes

1st Shut in 30 minutes No blow back

2nd Open 30 minutes Dead 2nd Shut in 30 minutes No blow back



Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psia)	(deg F)	
	0	1673.20	101.56	Initial Hydro-static
	1	44.32	101.13	Open To Flow (1)
	31	44.44	103.90	Shut-In(1)
_	59	61.31	105.32	End Shut-In(1)
Temperature	59	45.08	105.33	Open To Flow (2)
rature	93	45.66	106.39	Shut-In(2)
(dea	123	54.20	107.06	End Shut-In(2)
פ	123	1613.49	107.35	Final Hydro-static

PRESSURE SUMMARY

Recovery

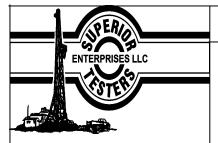
Length (ft)	Description	Volume (bbl)		
2.00	2.00 Oil cut mud 10%Oil 90%mud			

Gas Rates Choke (inches) | Pressure (psia) | Gas Rate (Mct/d)

Superior Testers Enterprises LLC

Ref. No: 17314

Printed: 2012.07.25 @ 13:41:26



TOOL DIAGRAM

RJM Oil Co.

3-18s-13w Barton

Po Box 256 Claflin Kansas

67525

Diameter:

Vendetti #1

Job Ticket: 17314

DST#: 4

ATTN: Josh Austin

Test Start: 2012.07.25 @ 10:00:00

Tool Information

Drill Pipe:Length:3250.00 ftDiameter:Heavy Wt. Pipe:Length:0.00 ftDiameter:Drill Collar:Length:0.00 ftDiameter:

 0.00 ft
 Diameter:
 3.80 inches Volume:
 45.59 bbl

 0.00 ft
 Diameter:
 0.00 inches Volume:
 0.00 bbl

 Total Volume:
 45.59 bbl

Tool Weight: 2000.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 40000.00 lb

Drill Pipe Above KB: 10.00 ft
Depth to Top Packer: 3268.00 ft

Tool Chased 0.00 ft
String Weight: Initial 30000.00 lb

Printed: 2012.07.25 @ 13:41:26

Depth to Bottom Packer: ft Interval betw een Packers: 42.00 ft Tool Length: 70.00 ft

Final 30000.00 lb

Tool Length: 70.00 ft
Number of Packers: 2

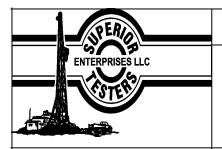
6.75 inches

Ref. No: 17314

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool	5.00			3245.00		
Hydrolic Tool	5.00			3250.00		
Jars	6.00			3256.00		
Safety Joint	2.00			3258.00		
Packer	5.00			3263.00	28.00	Bottom Of Top Packer
Packer	5.00			3268.00		
Anchor	37.00			3305.00		
Recorder	1.00	8405	Inside	3306.00		
Recorder	1.00	8400	Outside	3307.00		
Bull Plug	3.00			3310.00	42.00	Bottom Packers & Anchor
	=====					

Total Tool Length: 70.00



FLUID SUMMARY

RJM Oil Co. 3-18s-13w Barton

Po Box 256 Claflin Kansas

67525

Vendetti #1

Serial #:

Job Ticket: 17314 **DST#:4**

Test Start: 2012.07.25 @ 10:00:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Mud Weight: 9.00 lb/gal Cushion Length: ft
Viscosity: 42.00 sec/qt Cushion Volume: bbl

ATTN: Josh Austin

Water Loss: 12.80 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psia

Salinity: 12000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Oil cut mud 10%Oil 90%mud	0.028

Total Length: 2.00 ft Total Volume: 0.028 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0

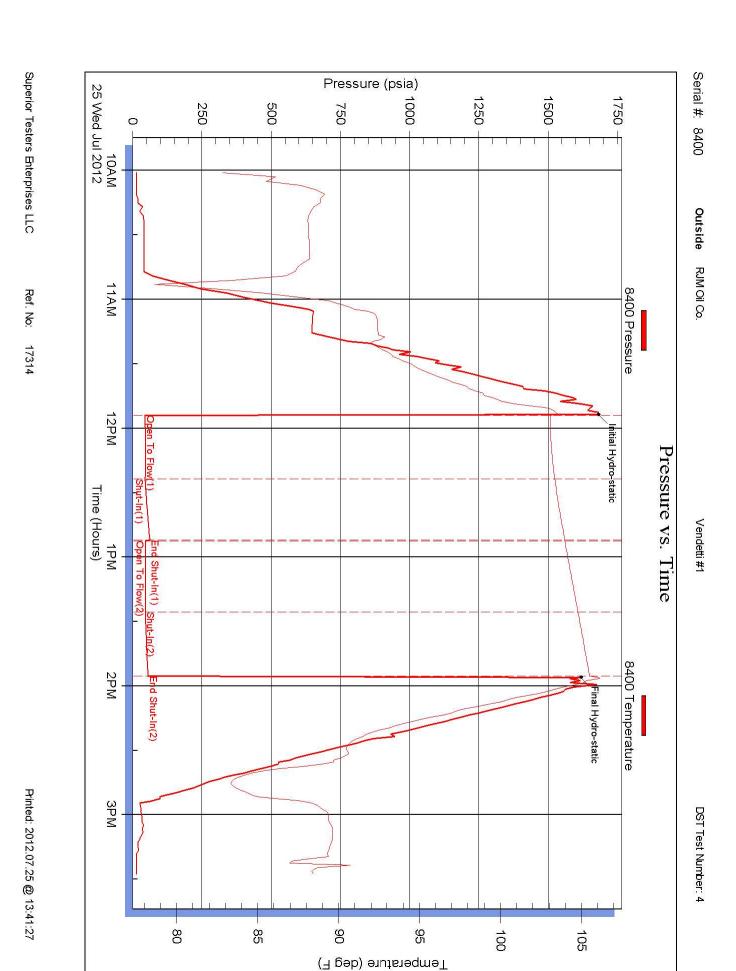
Laboratory Name: Laboratory Location:

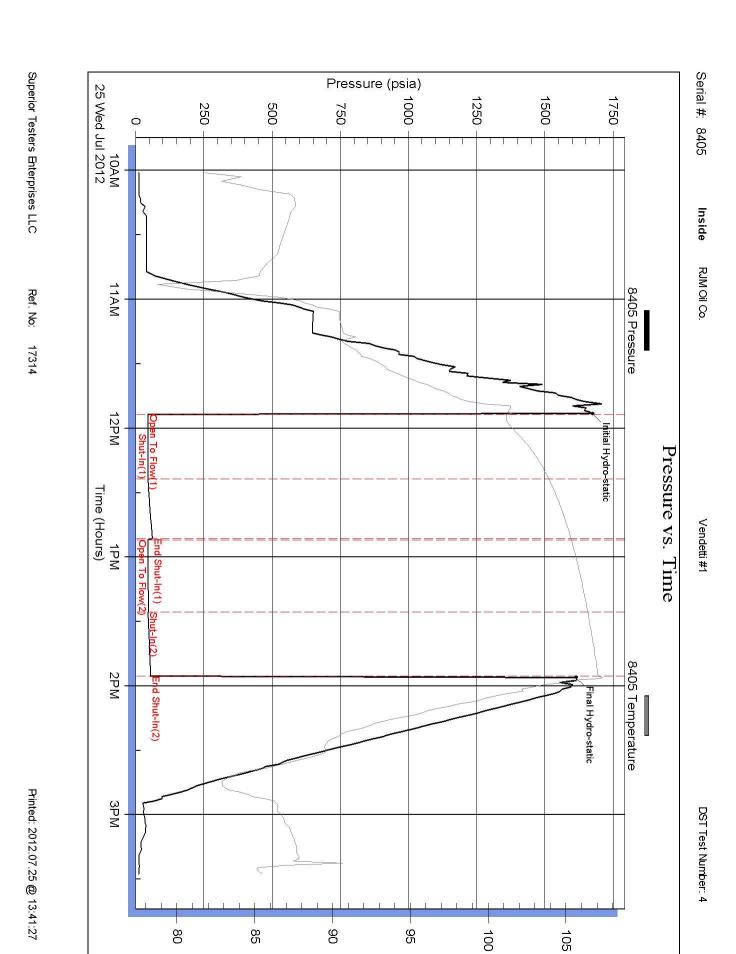
Ref. No: 17314

Recovery Comments:

Superior Testers Enterprises LLC

Printed: 2012.07.25 @ 13:41:26





Temperature (deg F)

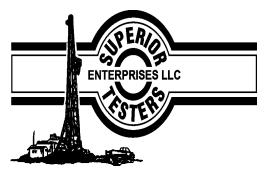












Prepared For: **RJM Oil Co.**

Po Box 256 Claflin Kansas

67525

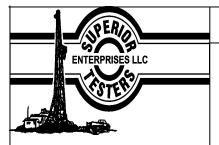
ATTN: Josh Austin

Vendetti #1

3-18s-13wBarton

Start Date: 2012.07.25 @ 08:42:00 End Date: 2012.07.25 @ 13:56:00 Job Ticket #: 17315 DST #: 5

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



RJM Oil Co.

3-18s-13w Barton

Po Box 256 Claflin Kansas

67525

Job Ticket: 17315

Vendetti #1

Unit No:

DST#:5

ATTN: Josh Austin

Test Start: 2012.07.25 @ 08:42:00

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bo

Time Tool Opened: 10:14:00

Time Test Ended: 13:56:00

Interval: 3268.00 ft (KB) To 3320.00 ft (KB) (TVD)

Total Depth: 3320.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Ellis

3315-Great Bend-20

Reference Elevations: 1815.00 ft (KB)

1808.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8400 Outside

Press @ RunDepth: 53.73 psia @ 3317.11 ft (KB) Capacity: 5000.00 psia

Time

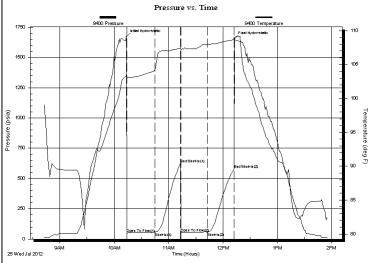
 Start Date:
 2012.07.25
 End Date:
 2012.07.25
 Last Calib.:
 2012.07.26

 Start Time:
 08:42:00
 End Time:
 13:56:00
 Time On Btm:
 2012.07.25 @ 10:13:30

 Time Off Btm:
 2012.07.25 @ 12:12:30

TEST COMMENT: 1st Open 30 Minutes Weak steady surface blow

1st Shut in 30 Minutes No blow back 2nd Open 30 minutes Weak blow died off 2nd Shut in 30 minutes No blow back



	(Min.)	(psia)	(deg F)	
	0	1671.91	103.27	Initial Hydro-static
	1	50.36	102.90	Open To Flow (1)
	32	54.16	104.22	Shut-In(1)
,	60	622.81	107.44	End Shut-In(1)
emne	60	52.78	107.19	Open To Flow (2)
rature	90	53.73	107.93	Shut-In(2)
(dea l	119	576.94	108.66	End Shut-In(2)
י	119	1655.20	109.00	Final Hydro-static

PRESSURE SUMMARY

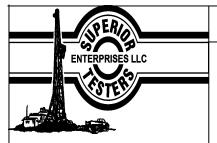
Pressure Temp Annotation

Recovery

Length (ft)	Description	Volume (bbl)			
12.00	0 Oil cut mud 1% Oil 99%mud				

Gas Rates						
Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)				

Superior Testers Enterprises LLC Ref. No: 17315 Printed: 2012.07.26 @ 00:10:55



RJM Oil Co.

3-18s-13w Barton

Po Box 256 Claflin Kansas

67525

Job Ticket: 17315

Vendetti #1

Tester:

Unit No:

DST#: 5

ATTN: Josh Austin

Test Start: 2012.07.25 @ 08:42:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:14:00 Time Test Ended: 13:56:00

Interval:

3268.00 ft (KB) To 3320.00 ft (KB) (TVD)

Total Depth: 3320.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair Test Type: Conventional Bottom Hole (Initial)

3315-Great Bend-20

Reference Elevations:

Dustin Ellis

1815.00 ft (KB) 1808.00 ft (CF)

> KB to GR/CF: 7.00 ft

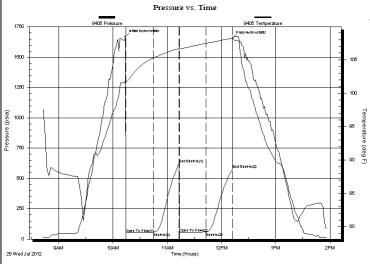
Serial #: 8405 Inside

Press@RunDepth: 5000.00 psia 577.38 psia @ 3316.11 ft (KB) Capacity:

Start Date: 2012.07.25 End Date: 2012.07.25 Last Calib.: 2012.07.26 Start Time: 08:42:00 End Time: 2012.07.25 @ 10:13:30 13:56:30 Time On Btm: Time Off Btm: 2012.07.25 @ 12:12:30

TEST COMMENT: 1st Open 30 Minutes Weak steady surface blow

1st Shut in 30 Minutes No blow back 2nd Open 30 minutes Weak blow died off 2nd Shut in 30 minutes No blow back



	PRESSURE SUMMARY										
Ī	Time	Pressure	Temp	Annotation							
	(Min.)	(psia)	(deg F)								
	0	1670.59	101.91	Initial Hydro-static							
	1	50.31	101.69	Open To Flow (1)							
	32	53.64	105.27	Shut-In(1)							
П	60	621.77	106.68	End Shut-In(1)							
empe	60	52.80	106.55	Open To Flow (2)							
rature	90	53.57	107.44	Shut-In(2)							
Temperature (deg F)	119	577.38	108.19	End Shut-In(2)							
F)	119	1656.88	108.39	Final Hydro-static							

Cac Datas

DDECCLIDE CLIMMADY

Recovery

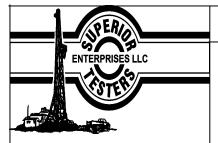
Length (ft)	Description	Volume (bbl)
12.00	Oil cut mud 1% Oil 99%mud	0.17

Oas Mai	.03	
Choka (inabaa)	Drossuro (poio)	Coo Roto (Mof/d)

Superior Testers Enterprises LLC

Ref. No: 17315

Printed: 2012.07.26 @ 00:10:55



TOOL DIAGRAM

RJM Oil Co.

3-18s-13w Barton

Po Box 256 Claflin Kansas

67525

Vendetti #1 Job Ticket: 17315

DST#:5

ATTN: Josh Austin

Test Start: 2012.07.25 @ 08:42:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length: Drill Collar:

Length:

Length: 3254.00 ft Diameter: 0.00 ft Diameter: 0.00 ft Diameter: 3.80 inches Volume: 45.65 bbl 0.00 inches Volume: 0.00 inches Volume: Total Volume:

0.00 bbl 0.00 bbl 45.65 bbl

Tool Weight: 2000.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 40000.00 lb

Tool Chased 0.00 ft String Weight: Initial 30000.00 lb

Printed: 2012.07.26 @ 00:10:56

Final 30000.00 lb

Drill Pipe Above KB: 6.00 ft Depth to Top Packer: 3268.00 ft

Depth to Bottom Packer: ft Interval betw een Packers: 52.11 ft Tool Length: 72.11 ft

Number of Packers:

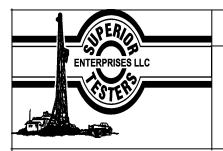
2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool	5.00			3253.00		
Hydrolic Tool	5.00			3258.00		
Packer	5.00			3263.00	20.00	Bottom Of Top Packer
Packer	5.00			3268.00		
Anchor	5.00			3273.00		
Change Over Sub	0.75			3273.75		
Drill Pipe	31.61			3305.36		
Change Over Sub	0.75			3306.11		
Anchor	9.00			3315.11		
Recorder	1.00	8405	Inside	3316.11		
Recorder	1.00	8400	Outside	3317.11		
Bull Plug	3.00			3320.11	52.11	Bottom Packers & Anchor

Ref. No: 17315

Total Tool Length: 72.11



FLUID SUMMARY

DST#: 5

Printed: 2012.07.26 @ 00:10:56

RJM Oil Co. 3-18s-13w Barton

Po Box 256 Claflin Kansas Vendetti #1

67525 Job Ticket: 17315

ATTN: Josh Austin Test Start: 2012.07.25 @ 08:42:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: ppm

Viscosity: 42.00 sec/qt Cushion Volume: bbl

Water Loss: 32.78 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psia

Salinity: 12000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
12.00	Oil cut mud 1% Oil 99%mud	0.168

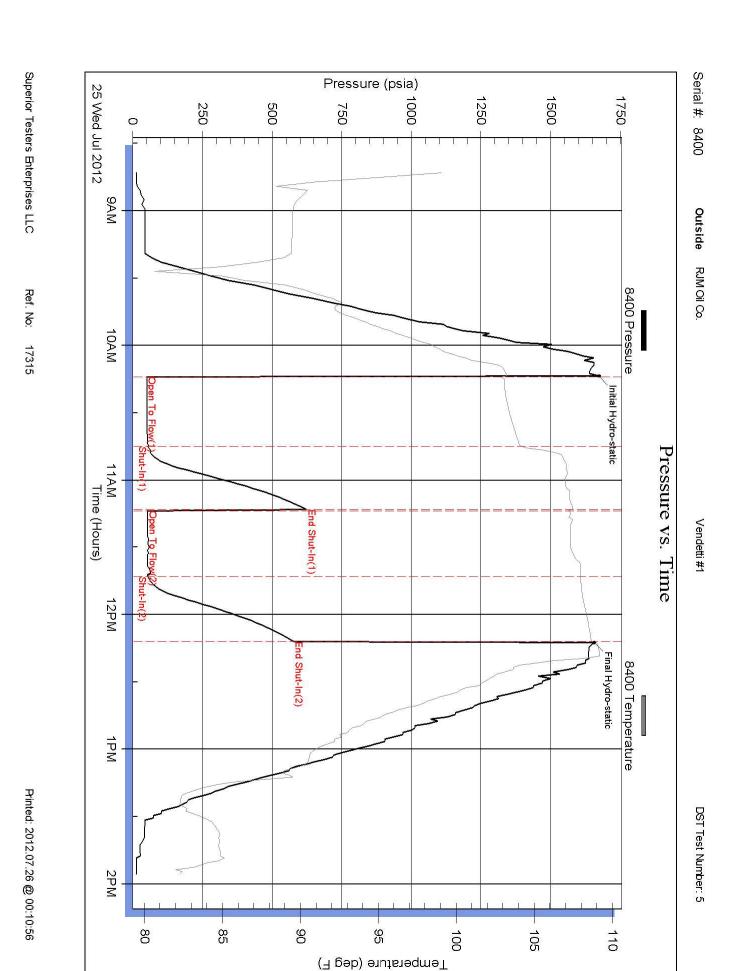
Total Length: 12.00 ft Total Volume: 0.168 bbl

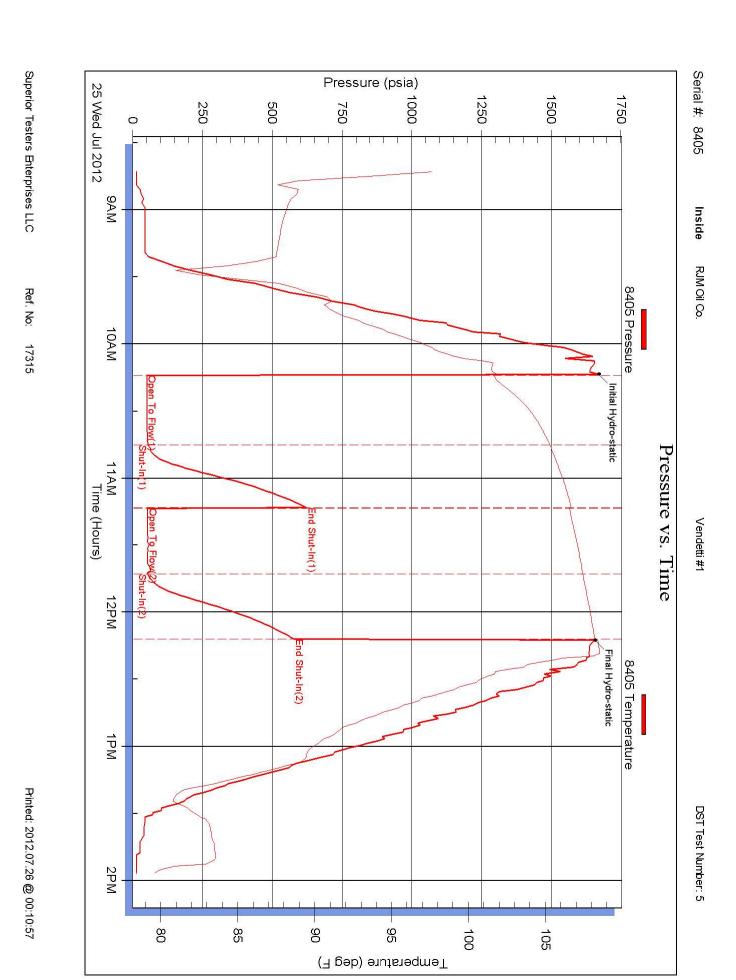
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Ref. No: 17315

Recovery Comments:





QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665 Cell 785-324-1041 County State On Location Finish Twp. Range Saston Date Well No. Location Lease Owner To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish T.D. cementer and helper to assist owner or contractor to do work as listed. Hole Size Charge Depth Csg Depth Tbg. Size Street Depth City State Tool The above was done to satisfaction and supervision of owner agent or contractor. Shoe Joint Cement Left in Csg Cement Amount Ordered Displace Meas Line EQUIPMENT Cementer MM Common Pumptrk 4 Helper 1 Driver Poz. Mix Bulktrk Driver Driver Bulktr Gel. Driver JOB SERVICES & REMARKS Calcium Hulls Remarks: Salt Rat Hole Flowseal Mouse Hole Kol-Seal Centralizers Baskets Mud CLR 48 D/V or Port Collar CFL-117 or CD110 CAF 38 Sand Capulate Handling Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down Surface Pumptrk Charge Mileage Tax Discount

Total Charge

GENERAL TERMS AND CONDITIONS

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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 invoiced at a rate of 18 percent per annum until paid. Notwith-standing 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 CUSTOMER.
- 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 QUALITY, 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 CUSTOMER 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 employees.
- 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, chart information, analysis or research, or recommendations made by QUALITY, 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.

ITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665 No. 759

Sec.	Twp.	Range		County	State	On Location	Finish	
Date 7-26-12 3	18	13	Ba	rton	K5	S, "CUSTOMER" IS	11:30 m	
Lease VENDETTE	Well No.	here an ited	Location	on No. 3 ina	ton IF 3/45	Einto		
Contractor Southwind #5	Jeto too	trop ingel mu	missin e	Owner	to lower the rate of	barnate yitabi yas	joind Sept. In 19	
Type Job Production Stri	British 10 Pt.	one SISI		Dilwell Cementing, Inc	c. t cementing equipme	nt and furnish		
Hole Size 77/8	T.D. 3	3/2	3.54	cementer a	nd helper to assist ov	vner or contractor to	do work as listed.	
Csg. 5 /2 15.50#	Depth	3356	Lauineg Nama	Charge K	5-m.	6 legel yes ; I hadda	YOMEGRA	
Tbg. Size	Depth			Street		1 1, 1, 11	THE REAL PROPERTY.	
Tool	Depth	lubertos ilante	earth inte	City	NO" of hotel Asign	State	NA SEIGES AN	
Cement Left in Csg. > 23	Shoe J	oint 22,3	340	The above w	as done to satisfaction	and supervision of owner	er agent or contractor.	
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	PMENT	baed if blyons	bas and	50009	1 mod dear		HEAL SECTION	
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- (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.
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- (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, chart information, analysis or research, or recommendations made by QUALITY, 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.

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. 027

Sec.	Twp.	Range		County	State	On Location	Finish	
Date 7.27.12				,			3:06/DM	
Lease Vendeti I	Well No.	1	Location	on Hoill	nation 12	3/45 EN	6	
Contractor				Owner				
Type Job Backside		To Quality Oi	liwell Cementing, Inc. by requested to rent	cementina equipmer	nt and furnish			
Hole Size	T.D.			cementer and	d helper to assist ow	ner or contractor to d	o work as listed.	
Csg.	Depth			Charge To	RIM			
Tbg. Size	Depth			Street				
Tool	Depth			City		State		
Cement Left in Csg.	Shoe Jo	oint .		The above wa	s done to satisfaction a	nd supervision of owne	r agent or contractor.	
Meas Line	Displace	9		Cement Amo	ount Ordered	0 Con 3%	CC	
EQUIP	MENT					<u> </u>		
Pumptrk 9 No. Cementer Helper		Inu	٤	Common 6	200			
Bulktrk & No. Driver Driver		Brian	<i></i>	Poz. Mix				
Bulktrk O No. Driver		Dalte	W	Gel.				
JOB SERVICES	& REMAR	RKŚ		Calcium 1				
Remarks:				Hulls				
Rat Hole	·			Salt				
Mouse Hole				Flowseal				
Centralizers				Kol-Seal				
Baskets				Mud CLR 48	<u> </u>			
D/V or Port Collar			· · · · · · · · · · · · · · · · · · ·	CFL-117 or (CD110 CAF 38			
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- 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 CUSTOMER.
- 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 QUALITY, 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, pr 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 lob or, in the case of marine operations, are tost or damaged at any time after delivery to the landing for CUSTOMER 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 employees.
- 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, chart information, analysis or research, or recommendations made by QUALITY, 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.