



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. 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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Northern Natural Gas Co.
Well Name	Welte 11-15
Doc ID	1160343

All Electric Logs Run

Density
Nuetron
Induction
Sonic
CBL

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Well Name	Welte 11-15
Doc ID	1160343

Tops

Name	Top	Datum
heebner	2718	-1040
DouglasSH	2754	-1076
Lansing	2894	-1216
Miss Chert	3260	-1582
Kind. Sh.	3291	-1613
Kind. LS.	3393	-1715
Kind. SS.	3515	-1837
Viola	3540	-1862
Simpson	3584	-1895
Simpson SS	3594	-1916
Arbuckle	3637	-1959

Customer Tres Management	Lease No.	Date 7-29-13
Lease Wette SWD.	Well # 11-15	
Field Order # 8650	Station Pratt, Kansas	Casing/Depth 13 7/8 48lb 254 Feet
Type Job C.N.W. - Conductor	Formation	County/State Rice Kansas
		Legal Description 11-205-8W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 13 7/8 48lb/ft	Tubing Size 5 1/2 28lb/ft	Shots/Ft 270	Acid 270 sacks common	Pre Pad 28lb	Acid 15.6 lb/gal	RATE 5.23 Gal/stk	PRESS 5.23 Gal/stk	ISIP 1.20 cuft/stk
Depth 254 Feet	Depth	From	To	Pad	Max 5.23 Gal/stk	Min		5 Min.
Volume 37.2 Bbl.	Volume	From	To	Frac	Avg			10 Min.
Max Press 300 PSI	Max Press	From	To					15 Min.
Well Connection 5 Swaggs and a Valve	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth 254 Feet	Packer Depth	From	To	Flush 38.8 Bbl. Fresh Water	Gas Volume			Total Load

Customer Representative Jim Browning	Station Manager Kevin Gordley	Treater Clarence R. Messick
Service Units 37216 78982 78983 19903 73768 78785 28443		
Driver Names Messick McGraw	Huebin	Anthony Melsan

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:45					Trucks on location and hold safety meeting
11:00	Duke	Drilling	start to run 9 Joints new 48lb/ft 13 7/8" casing.		
1:15					Casing in well. Circulate for 30 minutes
1:30	200			5	Start Fresh water Pre-Flush.
			10	5	Start mixing 270 sacks common cement
	225		67.7	5	Start Fresh water Displacement.
2:20	300		96.5		Plug down. Shut in well.
					Circulated 8 Bbl. cement to the pit.
					Wash up pump truck.
3:30					Job Complete.
					Thank You
					Clarence, James, Joe, Mike, Tim

270 SXS

Customer <i>TR-111111</i>	Lease No.	Date <i>07-31-13</i>	
Lease <i>W-111111</i>	Well # <i>11-11</i>		
Field Order # <i>827</i>	Station <i>111111 KS</i>	Casing <i>1 1/4</i>	Depth <i>1137'</i>
Type Job <i>CON</i>	Formation <i>9 1/8 Intermediate</i>	County <i>Like</i>	State <i>KS</i>
Legal Description <i>11-30-4</i>			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth <i>1137</i>	Depth	From	To	Pre Pad	Max		5 Min.
Volume <i>86</i>	Volume	From	To	Pad	Min		10 Min.
Max Press <i>300</i>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <i>P.C</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <i>1094</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager <i>111111</i>	Treater <i>111111</i>
Service Units <i>7722 7898 7998 7998 1018 1120 2226</i>		
Driver Names <i>North 111111 111111</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:45					
2:15					
2:40	350		4	45	
	400		52	0	
			46		
	550				
3:30	850		80		

180 # CON
190 Common

Customer Tres Management	Lease No.	Date 8-6-13
Lease Wette	Well # 11-155.W.D.	
Field Order # 2806	Station Pratt, Kansas	Casing 3.643F
Type Job C.N.W - Two Stage Long String 7" 23lb.	Depth 3,643 Feet	County Rice
	Formation	State Kansas
		Legal Description 11-205-8W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
Casing Size 7" 23lb/ft	Tubing Size 5" 11.3lb/ft	Shots/Ft		Acid 65 sacks A-CON		RATE	PRESS	ISIP
Depth 3,643 Feet	Depth	From	To	Pre Pad 100 sacks		Max		5 Min.
Volume 143 Bbl.	Volume	From	To	Pad 90 sacks A-CON		Min		10 Min.
Max Press 1,750 PSI	Max Press	From	To	Flac 130 sacks A-CON		Avg		15 Min.
Well Connection Swedge	Annulus Vol.	From	To	50 sacks A-CON		HHP Used		Annulus Pressure
Plug Depth 3,552 Feet	Packer Depth	From	To	Flush 80 Bbl Fresh Water		Gas Volume 62 Bbl Drilling Mud		Total Load

Customer Representative Jim	Station Manager Kevin Gordley	Treater Clarence R. Messick
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Service Units 37,216	77,686	19,905	19,903	T3,768	19,831	19,862			
Driver Names Messick	Mc Graw	Pie son	Young	Jones					

Time A.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:00					Trucks to location.
11:00					Casing in well and rig circulating
11:45					Trucks on location and hold safety meeting.
1:30	250			5	Start Fresh water Pre-Flush.
	250		20	5	Start Super Flush
	275		32	5	Start Fresh Water spacer.
1:43	300		35	5	Start mixing 65 sacks A-CON Blend cement.
	200		59	5	Start mixing 100 sacks Thixotropic cement.
	-0-		89		Stop pumping. Remove Swedge. Insert Plug into casing. Reinstall Swedge.
2:10	200			6	Start Fresh Water Displacement
	200		80	6	Start Drilling mud Displacement.
			101	5	Start to lift cement.
2:34	800		142		Plug down
	1,750				Pressure up
					Release pressure No returns.
2:45					Release Opening Device.
3:00	600				Open D.V. Tool.
					Hook up well to Drilling rig to circulate for 4 hours.
					Wash up pump truck



energy services, L.P.

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TREATMENT REPORT

Customer Fres Management	Lease No.	Date 8-6-13
Lease Wells	Well # 11-155WD	
Field Order # 2806	Station Pratt, Kansas	Casing 7 23/64
Type Job C.W. - Two Stage Long String (Top Stage)	Depth 3643	County Rice
	Formation	State Kansas
		Legal Description 11-205-8W

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid 90sacks A-CON	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad 130sacks A-CON	Max		5 Min.
Volume	Volume	From	To	Post 50sacks A-CON	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush 80Bbl Fres Water	Gas Volume		Total Load

Customer Representative	Station Manager	Treater
Service Units		
Driver Names		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:54				85	Start mixing 320 sacks A-CON Blend cement.
			120		Stop pumping. Remove Swedge. Insert closing Plug into casing. Reinstall swedge.
7:57				3	Start Fresh water Displacement.
8:20			45	3	Start to lift cement.
8:20	800		80		Plug down. Circulated 137 Bbl cement to the pit.
	1200				Pressure up and close D.V. Tool.
9:30					Wash up pump truck after Plugging Ret and Job Complete. Mouse holes.
					Thank You.
					Clarence, Mike, Steve, Jesse



BASIC energy services, L.P.

TREATMENT REPORT

Customer <i>TRES MANAGEMENT</i>	Lease No.	Date <i>9.3.13</i>
Lease <i>WEHTE</i>	Well # <i>11-15</i>	
Field Order # <i>1026</i>	Station <i>PRATT KS</i>	Casing <i>23"</i> Depth <i>1120-8</i>
Type Job <i>ACNW</i>	Formation	County <i>RICE</i> State <i>KS</i>
		Legal Description

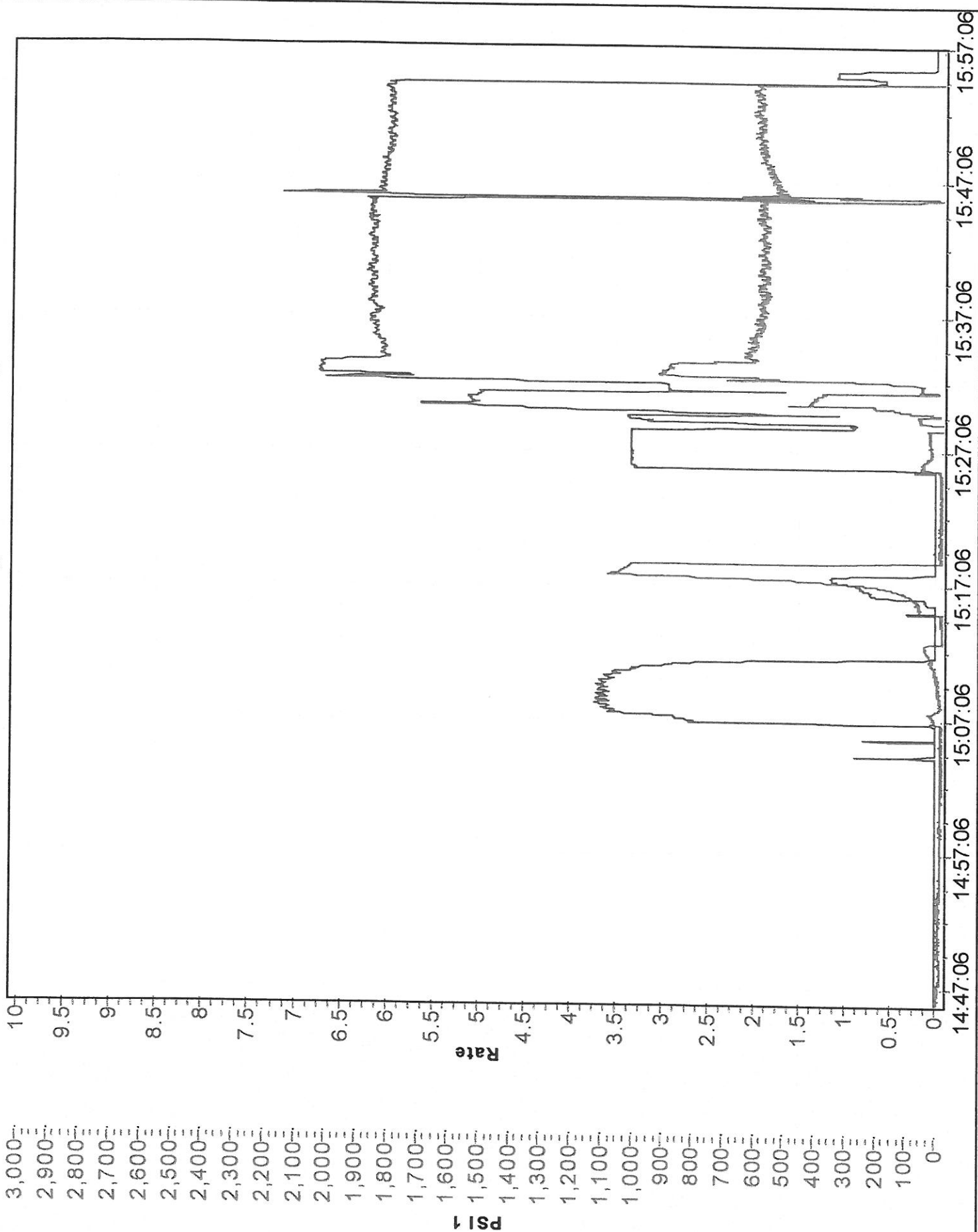
PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>23"</i>	Tubing Size <i>2 1/8"</i>	Shots/Ft		Acid <i>4000 gal</i>	RATE <i>63</i>	PRESS <i>901</i>	ISIP <i>VAC</i>	
Depth <i>1120</i>	Depth	From	To	Pre-Pad <i>20% FE P-25</i>	Max		5 Min.	
Volume <i>20</i>	Volume	From	To	Pad <i>MTR</i>	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load <i>147</i>	

Customer Representative <i>STEVE BURLEY</i>	Station Manager <i>GORDLEY</i>	Treater <i>M'GUIRE</i>
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Service Units <i>30316</i>	<i>33707</i>	<i>38839</i>	<i>25856-70299</i>				
Driver Names <i>M'GUIRE</i>	<i>MELSON</i>	<i>NATE</i>	<i>JIMMES</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1215</i>					<i>ON LOCATION</i>
					<i>RIG UP</i>
					<i>SAFETY MTG</i>
<i>1506</i>					<i>START H₂O TO HARD ANNULUS</i>
<i>1518</i>	<i>1050</i>		<i>176</i>		<i>PRESSURE UP</i>
					<i>RIG UP TO TURBINE</i>
<i>1525</i>				<i>33</i>	<i>START H₂O TO ZOMP</i>
<i>1528</i>			<i>28</i>	<i>34</i>	<i>START ACID</i>
<i>1530</i>		<i>807</i>	<i>5</i>	<i>56</i>	
<i>1531</i>		<i>901</i>	<i>16</i>	<i>67</i>	<i>UP RATE</i>
<i>1534</i>		<i>608</i>	<i>24</i>	<i>6</i>	<i>SLOW RATE</i>
<i>1545</i>		<i>517</i>	<i>96</i>	<i>6³</i>	<i>ACID IN ON FLUSH</i>
<i>1550</i>		<i>561</i>	<i>120</i>	<i>6³</i>	<i>ACID CHARGED TO BUNK</i>
<i>1554</i>			<i>147</i>		<i>SHOT DOWN</i>
					<i>JOB COMPLETE</i>
					<i>THANK YOU!</i>

Tres Management Welte 11-15



Tres Management Welte 11-15

