



Job Summary

Ticket Number		Ticket Date	
TN#	FL1445	2/13/2017	
COUNTY	COMPANY	API Number	
Weld	Great Western Oil & Gas Company	05-123-09790	
WELL NAME	RIG	JOB TYPE	
Great Western 26-14	Hurricane Rig #45	Squeeze	
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP	
NWSW 26-6N-67W	Maguire, Matthew	Mike Cole	
EMPLOYEES			
McFarland, James			
Scott, Derek			

WELL PROFILE

Max Treating Pressure (psi):	2000	Bottom Hole Static Temperature (°F):	0
Bottom Hole Circulating Temperature (°F):		Well Type:	Oil

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	11.6	J-55	0	5000		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

CEMENT DATA

Stage 1:	From Depth (ft):	4614	To Depth (ft):	4485
Type: Squeeze	Volume (sacks):	65	Volume (bbls):	13.3

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% Class G	15.8	1.15	5.00

SUMMARY

Preflushes:	5 bbls of	Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2	
	bbls of		Actual Displacement (bbl)	15.5		
	bbls of			15.5		
Total Preflush/Spacer Volume (bbl):	5		Plug Bump (Y/N):	N/A	Bump Pressure (psi):	N/A
Total Slurry Volume (bbl):	13.3		Lost Returns (Y/N):	N/A (if Y, when)	N/A	
Total Fluid Pumped	33.8					
Returns to Surface:	0	bbls				

Job Notes (fluids pumped / procedures / tools / etc.):

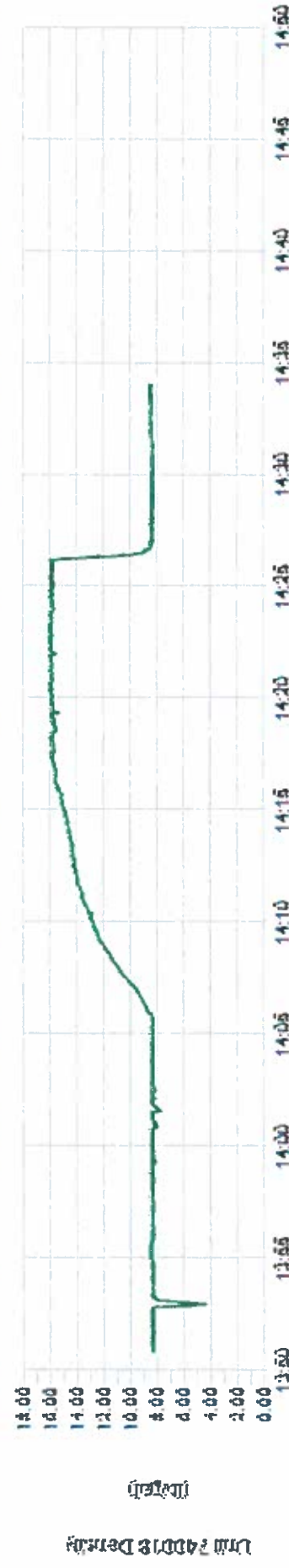
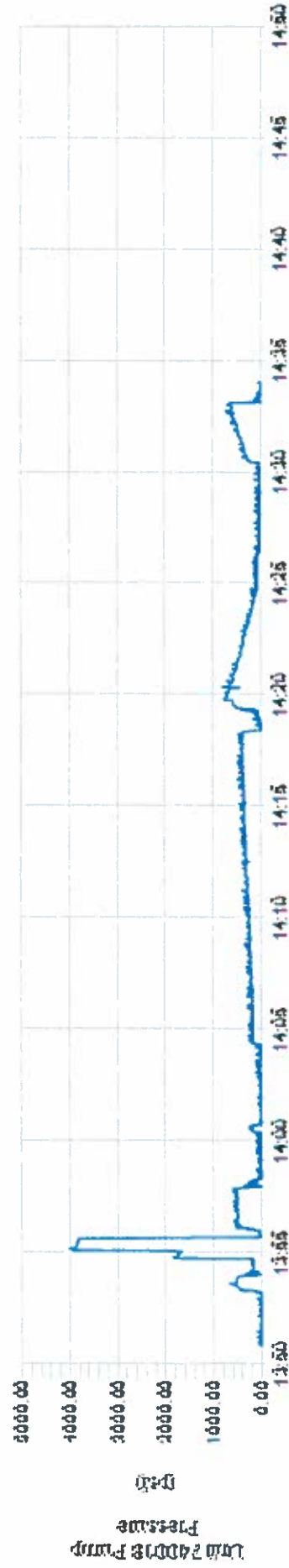
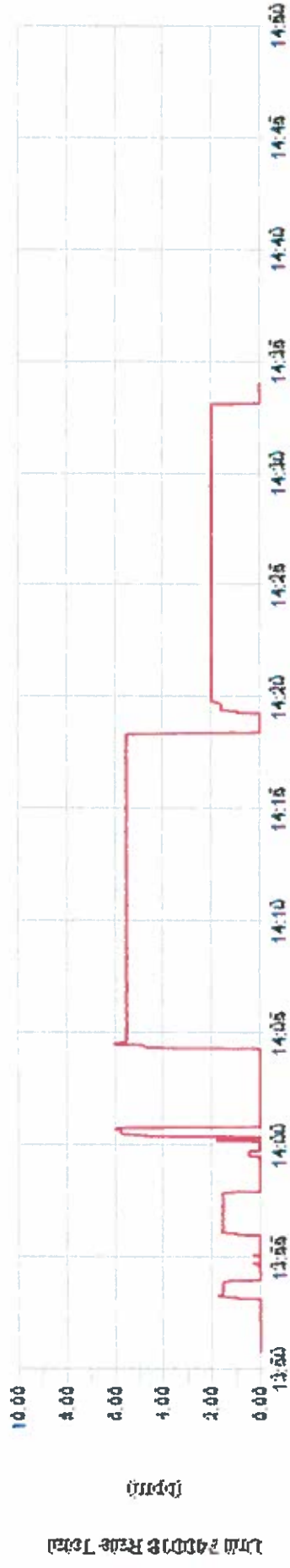
T.O.C. = 4485'. 129' plug.

Thank You For Using
O - TEX Pumping

Customer Representative Signature:

O-Tex Fracturing, LLC		CEMENTING JOB LOG		Project Number		Job Date	
FL1445		2/13/2017		State		County	
CO		Weld		Customer Representative		Phone	
Mike Cole		9702701868		API Number		05-123-09790	
Job Type		Man Hours		Squeeze		10.5	
Brighton, Colorado 303-857-7948		Great Western Oil & Gas Company		O-Tex Field Supervisor		Maguire, Matthew	
Lease Name		Well No.		Great Western 28-14			
USE THIS FORM TO NOTE ANY ISSUES ENCOUNTERED WITH THE PERFORMANCE OF THIS JOB.		THIS MAY INCLUDE TIME AT THE SHOP, ON THE ROAD OR DELAYS WITH DRILLING CONTRACTOR.					
DATE	TIME	VOLUME	RATE	PRESS		JOB PROCEDURES	
				CSG	Tbg.		
2/13/2017	12:40					Arrive	
2/13/2017	12:45					Tailgate	
2/13/2017	12:55					Rig-in	
2/13/2017	13:35					Safety meeting	
2/13/2017	13:45					Sign off on safety	
2/13/2017	13:57	2	bbl	1.50	500	Fill lines	
2/13/2017	13:39				2500	Pressure test	
2/13/2017	14:00	5	bbl	1.50	450	Fresh ahead	
2/13/2017	14:24	13.3	bbl	2.50	700	LEAD: W=5.00, Y=1.15, D=16.8, Sk Wt=84.0, 7.7 bbls mlx water	
2/13/2017	14:30	15.5	bbl	2.00	50	15.5 Bbls displacement leaves 2bbls on top of plug	
2/13/2017	14:38					Stop	
2/13/2017	14:45	20	bbl	1.00	150	Wash up	
2/13/2017	15:15					Rig-out	
2/13/2017	15:45					AAR/Predeparture meeting	
2/13/2017	15:55					Job complete	
2/13/2017	16:00					Leave location safely	
JOB CALCULATIONS							
T.O.C. = 4485'. 129' plug.							
CASING DATA							
ANNULAR DATA							
PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW							

Client	Great Western	Client Rep	Mr. Mike Cole	Supervisor	Matthew Maguire
Ticket No.	1445	Well Name	Great Western 26-14	Unit No.	740018
Location	NW SW Sec26: T6N: R67W	Job Type	Abandonment Plugs	Service District	Brighton, CO
Comments	Pump job per client request.				
				Job Date	02/13/2017





Job Summary

Ticket Number		Ticket Date	
TN#	FL1447	2/14/2017	

COUNTY	COMPANY	API Number
Weld	Great Western Oil & Gas Company	05-123-05544
WELL NAME	RIG	JOB TYPE
Great Western 26-14	X	Stub Plug
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
NWSW 25 6N 67W	Scott, Derek	Mike Cole

EMPLOYEES		
	Woody	
Kopp, Jeff		
	Vieux, Jon	

WELL PROFILE			
Max Treating Pressure (psi):		Bottom Hole Static Temperature (*F):	0
Bottom Hole Circulating Temperature (*F):		Well Type:	Oil

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	7.875	0	4840		
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Surface	8.625	24		0	448		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	11.6		0	4180		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7		0	4088		

CEMENT DATA

Stage 1:	From Depth (ft):	3434	To Depth (ft):	4180
Type: Stub Plug	Volume (sacks):	158	Volume (bbls):	32.3

Cement & Additives:

Cement & Additives:	Density (ppg)	Yield (ft ³ /sk)	Water Req.
100% Class G	15.8	1.15	5.00

SUMMARY

Preflushes:	5 bbls of Fresh Water	Calculated Displacement (bbl):	15.8	Stage 1	Stage 2
		Actual Displacement (bbl)	15.2		
Total Preflush/Spacer Volume (bbl):	5	Plug Bump (Y/N):	N/A	Bump Pressure (psi):	N/A
Total Slurry Volume (bbl):	32.3	Lost Returns (Y/N):	N (if Y, when)		
Total Fluid Pumped	52.5				
Returns to Surface:					

Job Notes (fluids pumped / procedures / tools / etc.):

Plug1: holes at 4180 and retainer at 4088. Pumped 155sx through retainer and leave 3sx on top of retainer. Top of cement in annulus is 3434. 746' plug. Displacement (with leaving 3sx on top) will be 15.2 bbls.

Thank You For Using

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Customer Representative Signature:

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Client
Ticket No.
Location
Comments

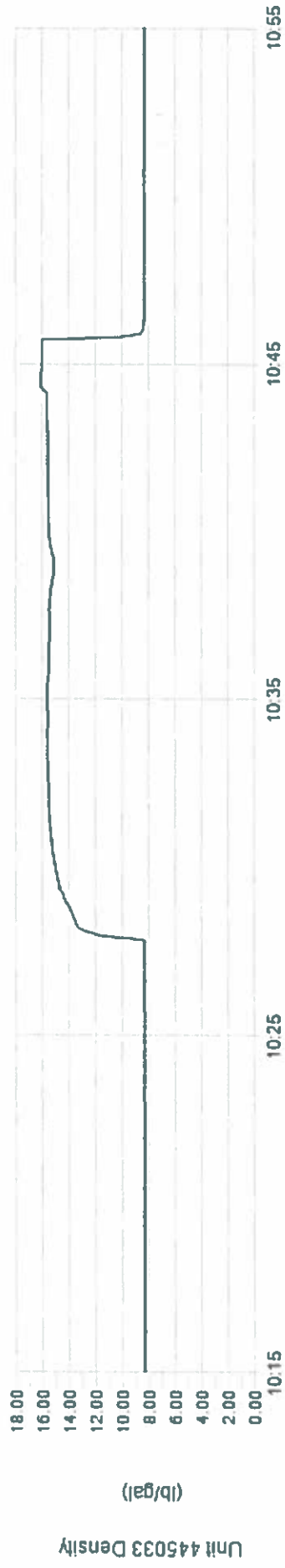
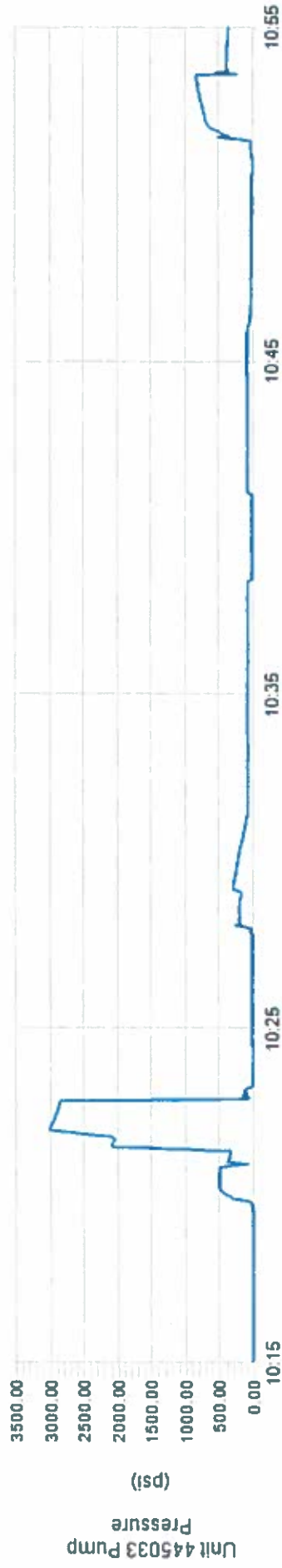
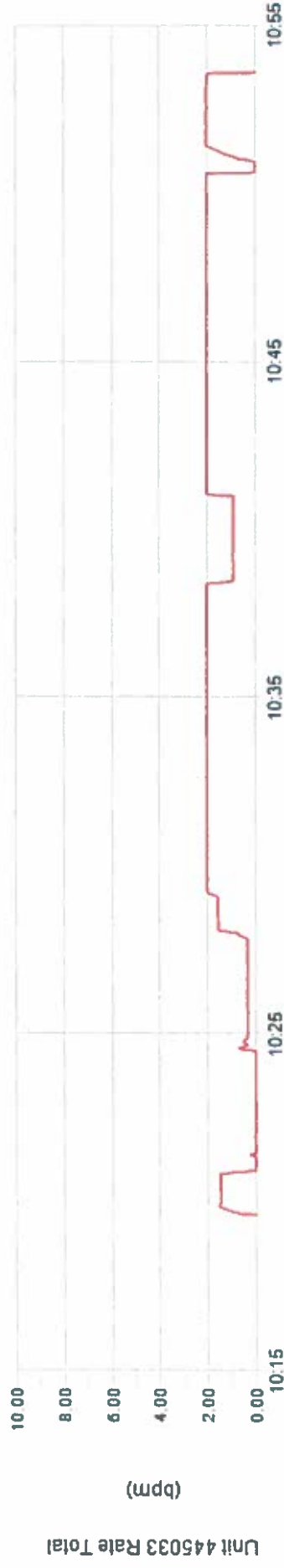
Great Western
1447
NWSW Sec26:T6N:R67W

Client Rep
Well Name
Job Type

Mike Cole
GreatWestern 26-14
Abandonment Plugs

Supervisor
Unit No.
Service District
Job Date

Derek Scott
445033
Brighton, CO
02/14/2017





Job Summary

Ticket Number		Ticket Date	
TN#	FL1451	2/15/2017	
COUNTY	COMPANY	API Number	
Weld	Great Western Oil & Gas Company	05-123-05544	
WELL NAME	RIG	JOB TYPE	
Great western 26-14	X	Ann Fill	
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP	
NWSW27:6N:R67W	Scott, Derek	Mark Tibbs	
EMPLOYEES			
Phillips, James			
Kopp, Jeff			
Vieux, Jon			
WELL PROFILE			
Max Treating Pressure (psi):		Bottom Hole Static Temperature (°F):	
		0	
Bottom Hole Circulating Temperature (°F):		Well Type:	
		Oil	

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	7.785	448	4640		
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Surface	8.625	24		0	448		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	11.6		0	3200		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7		0	3100		

CEMENT DATA

Stage 1:	From Depth (ft):	2500	To Depth (ft):	3200
Type: Annular fill	Volume (sacks):	150	Volume (bbls):	30.5

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% Class G	15.8	1.15	5.00

SUMMARY

Preflushes:	4 bbls of	Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	bbls of		Actual Displacement (bbl)	11.3	
	bbls of			11.3	
Total Preflush/Spacer Volume (bbl):	4		Plug Bump (Y/N):	N/A	Bump Pressure (psi):
Total Slurry Volume (bbl):	30.5		Lost Returns (Y/N):	N (if Y, when)	N/A
Total Fluid Pumped	45.8				
Returns to Surface:		0 bbls			

Job Notes (fluids pumped / procedures / tools / etc.):

Plug1: Holes shot at 3200. Retainer set at 3100. Customer wanted cement to 2500'. Pump 30.5bbls slurry. Displaced 11.4 bbls which left 3 sx (.6bbls) on top of retainer. Rig pulled 4 joints and we reversed the tubing 2 times volume.

Thank You For Using

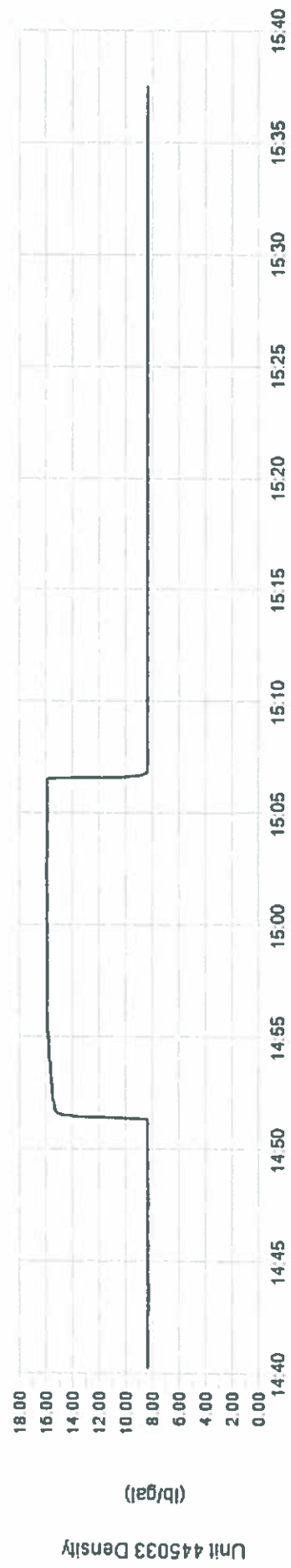
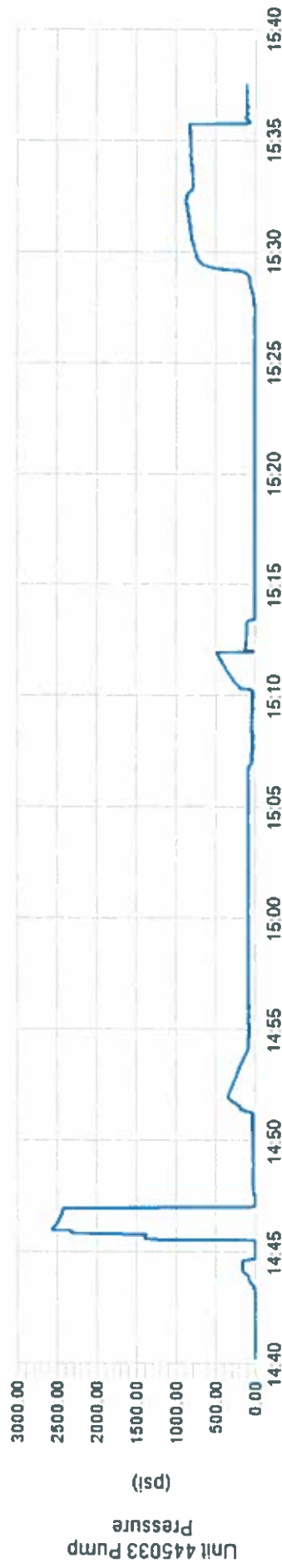
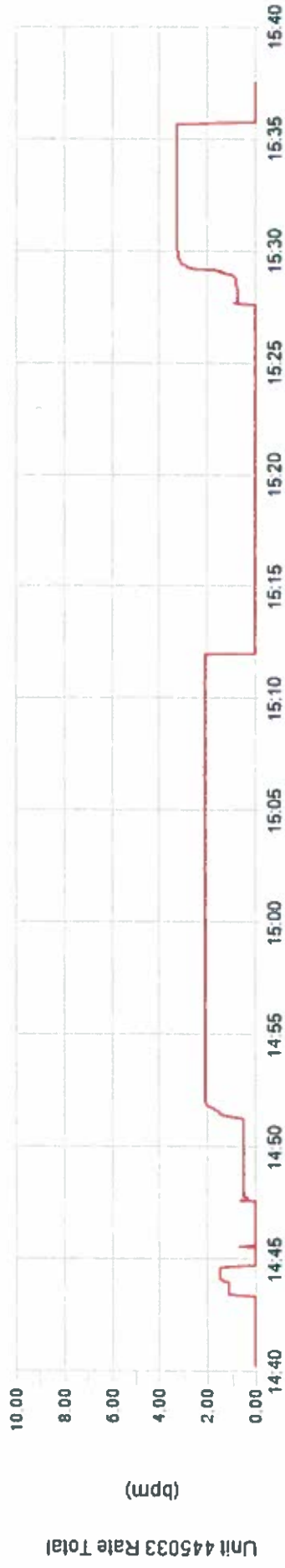
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Customer Representative Signature:

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Client	Great Western	Client Rep	Mark Tibbs	Supervisor	Scott
Ticket No.	1451	Well Name	GW 26-14	Unit No.	445033
Location	NW SW 26:5N:67W	Job Type	Bradenhead Squeeze	Service District	Brighton
Comments	150sx G (neat) @ 15.8ppg			Job Date	02/15/2017





Job Summary

Ticket Number	Ticket Date
TN# FL1465	2/18/2017

COUNTY	COMPANY	API Number
Weld	Great Western Oil & Gas Company	05-123-24053
WELL NAME	RIG	JOB TYPE
Great Western 26-14	HWS 45	Stub Plug
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
NWSW Sec26:T6N:R67W	Joyner, Barlen	Mark Tibs

EMPLOYEES	
Doran, Ben	Scott, Derek
	0

WELL PROFILE			
Max Treating Pressure (psi):	1000	Bottom Hole Static Temperature (°F):	0
Bottom Hole Circulating Temperature (°F):		Well Type:	Oil

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	7.875	448	1200		
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Surface	8.625	24	J-55	0	448		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	11.6	J-55	1200	7000		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7	J-55	0	1040		

CEMENT DATA

Stage 1:	From Depth (ft):	0	To Depth (ft):	1040
Type: Stub Plug	Volume (sacks):	460	Volume (bbls):	94

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100% Class G	15.8	1.15	5.00

SUMMARY

Preflushes:	5 bbls of Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	bbls of	Actual Displacement (bbl)		
	bbls of			
Total Preflush/Spacer Volume (bbl):	5	Plug Bump (Y/N):	N/A	Bump Pressure (psi): N/A
Total Slurry Volume (bbl):	86.5	Lost Returns (Y/N):	N (if Y, when)	
Total Fluid Pumped	91.5			
Returns to Surface:	Cement 2 bbls			

Job Notes (fluids pumped / procedures / tools / etc.): 5bbls Fresh to establish circulation, 83bbls @ 15.8ppg, no displacement. Top off well with 3.5bbls

Thank You For Using
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Customer Representative Signature:

[illegible]

Client	Great Western	Client Rep	Mark Tibbs	Supervisor	Joyner
Ticket No.	1465	Well Name	GW 26-14	Unit No.	445033
Location	NW SW 26:6N:67W	Job Type	Abandonment Plugs	Service District	Brighton
Comments	640sx G (neat) @ 15.8ppg			Job Date	02/18/2017

