

## The Road to Excellence Starts with Safety

Sold To #: 367255	Ship To #: 2920921	Quote #:	Sales Order #: 9479629
Customer: CONDOR ENERGY TECHNOLOGY LLC		Customer Rep: Dembowski, Rich	
Well Name: Ford Family Trust	Well #: 2H	API/UWI #: 05-123-35357	
Field: WILD CAT	City (SAP): RAYMER	County/Parish: Weld	State: Colorado
Contractor: CADE Drilling		Rig/Platform Name/Num: Cade 21	
Job Purpose: Plug Service - Whipstock			
Well Type: Development Well		Job Type: Plug Service - Whipstock	
Sales Person: FLING, MATTHEW	Srv Supervisor: WHEELER, JUSTIN	MBU ID Emp #: 196470	

## Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BARNES, BRIAN L	6.5	485204	HOLLOWAY, DUSTIN Craig	6.5	504032	JEWELL, WILLIAM Uris	6.5	503358
KUNERT, RANDY Joe	6.5	477850	WHEELER, JUSTIN W	6.5	196470			

## Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10679720C	72 mile	10724567C	72 mile	11036301	72 mile	11064535	72 mile
11605599	72 mile	11667703C	72 mile				

## Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
4-30-12	6.5	5						
TOTAL			Total is the sum of each column separately					

## Job

## Job Times

Formation Name							Date	Time	Time Zone	
Formation Depth (MD)	Top			Bottom		Called Out	30 - Apr - 2012	01:00	MST	
Form Type				BHST		On Location	30 - Apr - 2012	05:00	MST	
Job depth MD		6305. ft		Job Depth TVD		6305. ft	Job Started	30 - Apr - 2012	06:48	MST
Water Depth				Wk Ht Above Floor			Job Completed	30 - Apr - 2012	10:09	MST
Perforation Depth (MD)		From			To		Departed Loc	30 - Apr - 2012	11:30	MST

## Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Open Hole				8.75					6305.		
Surface Casing	Unknown		9.625	8.921	36.		N-80		950.		
Drill Pipe	Unknown		4.5	3.64	20.				6305.		

## Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

## Miscellaneous Materials

Gelling Agt		Conc		Surfactant		Conc		Acid Type		Qty		Conc	%
Treatment Fld		Conc		Inhibitor		Conc		Sand Type		Size		Qty	

## Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Spacer		30.00	bbl	8.34	.0	.0	5.0	
2	PlugCem 15.8#	PLUGCEM (TM) SYSTEM (452969)	50.0	sacks	15.8	1.52	6.21		6.21
	6.21 Gal	FRESH WATER							
3	Water Spacer		7.00	bbl	.	.0	.0	.0	
4	Water Spacer		30.00	bbl	.	.0	.0	.0	
5	PlugCem 15.8#	PLUGCEM (TM) SYSTEM (452969)	50.0	sacks	15.8	1.52	6.21		6.21
	6.21 Gal	FRESH WATER							
6	Water Spacer		7.00	bbl	.	.0	.0	.0	
7	TUNED SPACER III	TUNED SPACER III - SBM (483826)	28.00	bbl	11.	6.74	42.29	.0	
	36.83 gal/bbl	FRESH WATER							
	117.6 lbm/bbl	BARITE, 100 LB SK (100003680)							
8	PlugCem 17.5#	PLUGCEM (TM) SYSTEM (452969)	205.0	sacks	17.5	.94	3.34		3.34
	3.34 Gal	FRESH WATER							
<b>Calculated Values</b>		<b>Pressures</b>		<b>Volumes</b>					
Displacement	See Job Log	Shut In: Instant		Lost Returns	No	Cement Slurry	61.3	Pad	
Top Of Cement		5 Min		Cement Returns	No	Actual Displacement	Calc.	Treatment	
Frac Gradient		15 Min		Spacers	35 bbls	Load and Breakdown		Total Job	
<b>Rates</b>									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	0 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

## Cementing Job Log

## The Road to Excellence Starts with Safety

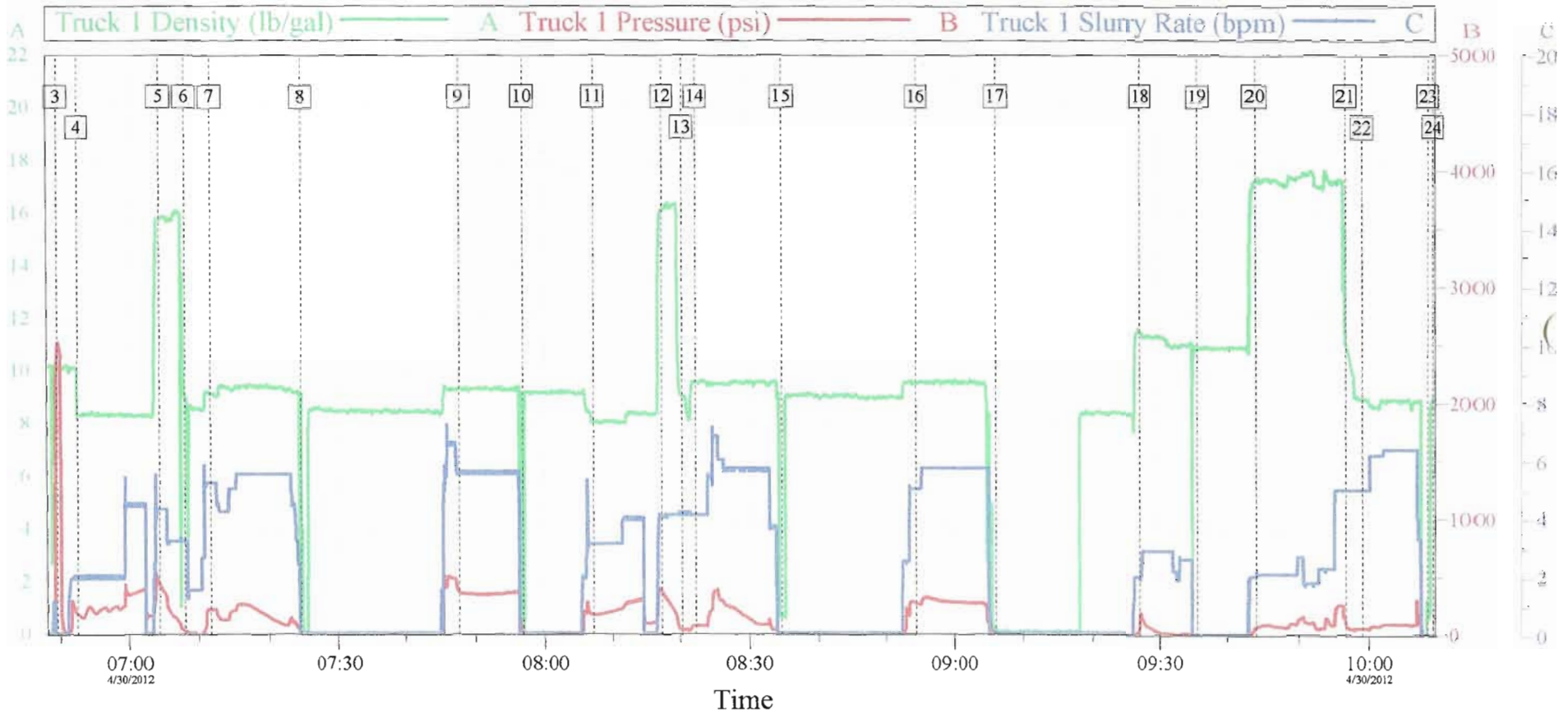
Sold To #: 367255		Ship To #: 2920921		Quote #:		Sales Order #: 9479629	
Customer: CONDOR ENERGY TECHNOLOGY LLC				Customer Rep: Dembowski, Rich			
Well Name: Ford Family Trust			Well #: 2H			API/UWI #: 05-123-35357	
Field: WILD CAT		City (SAP): RAYMER		County/Parish: Weld			State: Colorado
Legal Description:							
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.				Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.			
Contractor: CADE Drilling			Rig/Platform Name/Num: Cade 21				
Job Purpose: Plug Service - Whipstock						Ticket Amount:	
Well Type: Development Well			Job Type: Plug Service - Whipstock				
Sales Person: FLING, MATTHEW			Srvc Supervisor: WHEELER, JUSTIN			MBU ID Emp #: 196470	

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Depart from Service Center or Other Site	04/30/2012 03:30							
Arrive At Loc	04/30/2012 05:00							
Safety Meeting - Pre Rig-Up	04/30/2012 05:30							Water Provided By Rig, Tested Ok for Mixing Cement
Other	04/30/2012 06:47							Informed Customer Rep., and Rig Crew of Best Practice to Pull out of Cement Plugs Slowly. Observed Rig Pulling Slowly out of all 3 Plugs.
Test Lines	04/30/2012 06:49							Test Lines to 2500 PSI, Drill Pipe set at 6305'
Pump Spacer	04/30/2012 06:52		2	30		165.0		Pump Fresh Water Spacer
Pump Cement	04/30/2012 07:04		4	13.5		435.0		Mix and Pump 50 sks Class G Cement @ 15.8 lb/gal (All Densities Verified By Pressurized Scales)
Pump Spacer	04/30/2012 07:08		3	7		25.0		Pump Fresh Water Spacer
Pump Displacement - Start	04/30/2012 07:11		5	0		205.0		Pump Mud Displacement
Pump Displacement - End	04/30/2012 07:24			71.5		.0		
Shutdown	04/30/2012 07:24							Shut-Down, Rig POOH 4 Stands
Circulate Well	04/30/2012 07:47		5.5	60		360.0		Pump 60 BBLS Mud, Circulate Well
Shutdown	04/30/2012 07:56							Shut-Down, Rig RIH 1 Stand

## Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Spacer	04/30/2012 08:07		3	30		160.0		Pump Fresh Water Spacer
Pump Cement	04/30/2012 08:17		4	13.5		360.0		Mix and Pump 50 sks Class G Cement @ 15.8 lb/gal
Pump Spacer	04/30/2012 08:20		4	7		30.0		Pump Fresh Water Spacer
Pump Displacement - Start	04/30/2012 08:22		4	0		70.0		Pump Mud Displacement
Pump Displacement - End	04/30/2012 08:34			67.6		.0		
Shutdown	04/30/2012 08:34							Shut-Down, Rig POOH 4 Stands
Circulate Well	04/30/2012 08:54		5	60		260.0		Pump 60 BBLS Mud, Circulate Well
Shutdown	04/30/2012 09:06							Shut-Down, Rig RIH 2 Stands
Shutdown	04/30/2012 09:35							Shut-Down, Mix Cement
Pump Cement	04/30/2012 09:43		2	34.3		70.0		Mix and Pump 205 sks PlugCem Cement @ 17.5 lb/gal
Pump Spacer	04/30/2012 09:56		2	28.5		95.0		Mix and Pump Tuned Spacer @ 11 lb/gal
Pump Spacer	04/30/2012 09:56		5	6.5		95.0		Pump Tuned Spacer
Pump Displacement - Start	04/30/2012 09:59		5	0		60.0		Pump Mud Displacement
Pump Displacement - End	04/30/2012 10:08			61.7		.0		
Shutdown	04/30/2012 10:08							Shut-Down, Rig POOH 8 Stands, Circulates Well
Other	04/30/2012 10:09							Pipe Pulled Dry on all 3 Plugs
End Job	04/30/2012 10:10							
Safety Meeting - Pre Rig-Down	04/30/2012 11:00							Wet and Dry Samples of Cement Left on Location
Safety Meeting - Departing Location	04/30/2012 11:30							

# Condor - Ford Family Trust - 2H Whipstock Plug



Global Event Log																	
Intersection				TIP	TISR	Intersection				TIP	TISR	Intersection				TIP	TISR
3	Test Lines	06:49:29	2470	0.000	4	Pump Fresh Water Spacer	06:52:33	165.0	2.000	5	Pump Cement	07:04:24	434.8	4.300			
6	Pump Fresh Water Spacer	07:08:02	26.52	3.200	7	Pump Displacement	07:11:41	205.0	5.200	8	Shut-Down	07:24:36	5.380	0.000			
9	Circulate Well	07:47:46	358.2	5.560	10	Shut-Down	07:56:53	5.500	0.000	11	Pump Fresh Water Spacer	08:07:08	160.9	3.100			
12	Pump Cement	08:17:21	358.1	4.000	13	Pump Fresh Water Spacer	08:20:19	29.96	4.196	14	Pump Displacement	08:22:18	68.00	4.100			
15	Shut-Down	08:34:43	-6.000	0.000	16	Circulate Well	08:54:24	259.9	5.000	17	Shut-Down	09:06:00	-2.000	0.000			
18	Pump Tuned Spacer	09:27:05	94.36	1.957	19	Shutdown, Mix Cement	09:35:38	-13.00	0.000	20	Pump Cement	09:43:50	68.14	2.000			
21	Pump Tuned Spacer	09:56:38	94.65	5.000	22	Pump Displacement	09:59:00	58.00	5.000	23	Shut-Down	10:08:46	10.000	0.000			
24	End Job	10:09:33	-10.83	0.000													

Customer: Condor  
Well Description: Ford Family Trust - 2H

Job Date: 30-Apr-2012  
UWI:

Sales Order #: 9479629

OptiCern v6.4.9  
30-Apr-12 10:27