

**OXY GRAND JUNCTION EBUSINESS
DO NOT MAIL
BROWNFIELD, Texas**

CC
CC 697-16-42B

H&P 330/H&P/330

Post Job Summary **Cement Surface Casing**

Prepared for:
Date Prepared:
Version: 1

Service Supervisor: CRONKHITE, KENT

Submitted by:

HALLIBURTON

The Road to Excellence Starts with Safety

Sold To #: 344034	Ship To #: 2777496	Quote #:	Sales Order #: 7284351
Customer: OXY GRAND JUNCTION EBUSINESS	Customer Rep: Benevides, Simon		
Well Name: CC	Well #: 697-16-42B	API/UWI #: 05-045-17603	
Field: GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Lat: N 39.522 deg. OR N 39 deg. 31 min. 18.39 secs.	Long: W 108.231 deg. OR W -109 deg. 46 min. 6.769 secs.		
Contractor: H&P 330	Rig/Platform Name/Num: H&P 330		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: DUNNING, DUSTIN	Srv Supervisor: CRONKHITE, KENT	MBU ID Emp #: 336769	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BRUN, JUSTIN M	35.5	459269	CRONKHITE, KENT Alan	35.5	336769	HAMMOND, DENNIS C	3	287025
KUKUS, CHRISTOPHER A	35.5	413952	STEELE, BENJAMIN F	35.5	458599			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10551730R P	120 mile	10592964	120 mile	10784080	120 mile	10804579	120 mile
10829469	120 mile	10856450	120 mile	10856464	120 mile	10867304	120 mile
10998054	120 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
4/3/10	5	1	4/4/10	24	8	4/5/10	6.5	4
TOTAL			Total is the sum of each column separately					

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To
		0	2795	2763. ft	4. ft			
Form Type		BHST						
Job depth MD	2795. ft							
Water Depth								
Perforation Depth (MD)								

Job Times

Date	Time	Time Zone
03 - Apr - 2010	12:00	MST
03 - Apr - 2010	19:00	MST
04 - Apr - 2010	12:47	MST
05 - Apr - 2010	04:43	MST
05 - Apr - 2010	06:30	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
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Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		
PLUG,CMTG, TOP, 9 5/8, HWE, 8.16 MIN/9.06 MA	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9 5/8	1	
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9 5/8	1	
Stage Tool										Centralizers			

Miscellaneous Materials

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

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water Spacer		10	bbl	8.33	.0	.0	4	
2	SUPER FLUSH - XLC	SUPERFLUSH-XLC - SBM (549694)	20	bbl	.	.0	.0	4.0	
3	Fresh Water Spacer		10	bbl	8.33	.0	.0	2.0	
4	Lead Cement	VERSACEM (TM) SYSTEM (452010)	1370	sacks	12.3	2.33	12.62	7.0	12.62
5	Tail Cement	VERSACEM (TM) SYSTEM (452010)	120	sacks	12.8	2.07	10.67	7.0	10.67
6	DISPLACEMENT		210	bbl	8.34	.0	.0	7.0	
7	Topout Cement	HALCEM (TM) SYSTEM (452986)	148	sacks	12.5	1.97	10.96	2.5	10.96
Calculated Values		Pressures		Volumes					
Displacement	210	Shut In: Instant		Lost Returns		Cement Slurry	664	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns		Actual Displacement	210	Treatment	
Frac Gradient		15 Min		Spacers	40	Load and Breakdown		Total Job	914
Rates									
Circulating	RIG	Mixing	7	Displacement	7	Avg. Job	7		
Cement Left In Pipe	Amount	47 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					

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Field: GRAND VALLEY		City (SAP): PARACHUTE		County/Parish: Garfield		State: Colorado	
Legal Description:							
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Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: DUNNING, DUSTIN			Srvc Supervisor: CRONKHITE, KENT			MBU ID Emp #: 336769	

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	04/03/2010 12:00							
Pre-Convoy Safety Meeting	04/03/2010 15:30							
Crew Leave Yard	04/03/2010 15:35							
Arrive At Loc	04/03/2010 19:00							ARRIVED EARLY. DID NOT START CHARGE TIME UNTIL 2000 ON LOCATION TIME
Assessment Of Location Safety Meeting	04/03/2010 19:10							
Pre-Rig Up Safety Meeting	04/03/2010 20:00							
Rig-Up Equipment	04/03/2010 20:10							
Pre-Job Safety Meeting	04/04/2010 12:37							
Start Job	04/04/2010 12:47							td 2795, tp 2763, sj 47, mud 9.0, hole 14 3/4
Test Lines	04/04/2010 12:50							
Shutdown	04/04/2010 12:52							pressure test failed. weld on HT went bad water was spraying out. Company rep asked the welder on location to fix it, called office and was given the ok to fix it
Test Lines	04/04/2010 13:34					3700.0		
Pump Spacer	04/04/2010 13:39		4	10	10		50.0	H2O
Pump Spacer	04/04/2010 13:42		4	20	20		145.0	SUPER FLUSH. dalbo driver left location at 1400 stopped charge time

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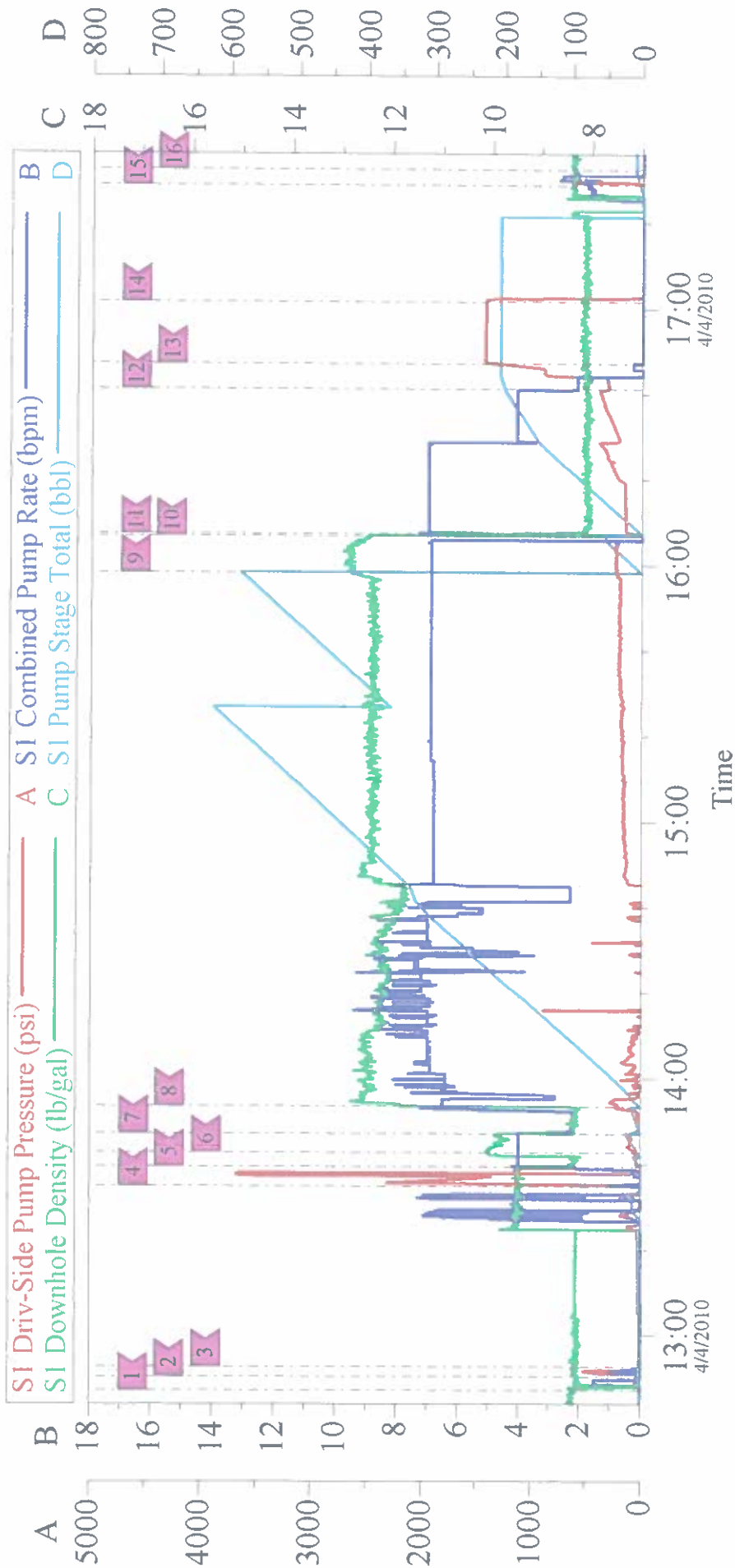
7284351

SUMMIT Version: 7.20.130

Monday, April 05, 2010 05:03:00

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Spacer	04/04/2010 13:47		2	10	10		50.0	H2O
Pump Lead Cement	04/04/2010 13:53		7	568.5	568		250.0	1370 SKS, 12.3 PPG, 2.33 YIELD, 12.62 GAL/SK
Pump Tail Cement	04/04/2010 15:58		7	44.2	44		290.0	120 sks, 12.8 ppg, 2.07 yield, 10.67 gal/sk
Shutdown	04/04/2010 16:06							drop top plug
Pump Displacement - Start	04/04/2010 16:07		7	210			445.0	H2O
Slow Rate	04/04/2010 16:41		2	200	200		430.0	
Bump Plug	04/04/2010 16:46		2	210	210		900.0	company rep wanted 1500 psi after bumping plug and to hold it for 15 min.
Check Floats	04/04/2010 17:01							floats held. 1 bbl back
Other	04/04/2010 17:28		2	7	7		250.0	PUMP DOWN PARACITE STRING. SET AT 2544FT
Shutdown	04/04/2010 17:32							wait to do top out. returns off and on throughout job. put top drive on top of head
Start Job	04/04/2010 18:50							start top out 1
Pump Cement	04/04/2010 18:56		2.5	45	45		20.0	128sks 12.5 ppg, 1.97 yield, 10.96 gal/sk
Pump Displacement - Start	04/04/2010 19:55		3	2	2		20.0	h2o
Shutdown	04/04/2010 19:57							got cement to surface waiting to see if cement fell back
Start Job	04/05/2010 04:26							START TOP OUT 2
Pump Spacer	04/05/2010 04:26		1.5	2	2		20.0	
Pump Cement	04/05/2010 04:31		2.5	7	7		80.0	20 SKS, 12.5 PPG, 1.97 YIELD. 10.96 GAL/SK
Shutdown	04/05/2010 04:42							
End Job	04/05/2010 04:43							CEMENT TO SURFACE

OXY 9 5/8 SURFACE

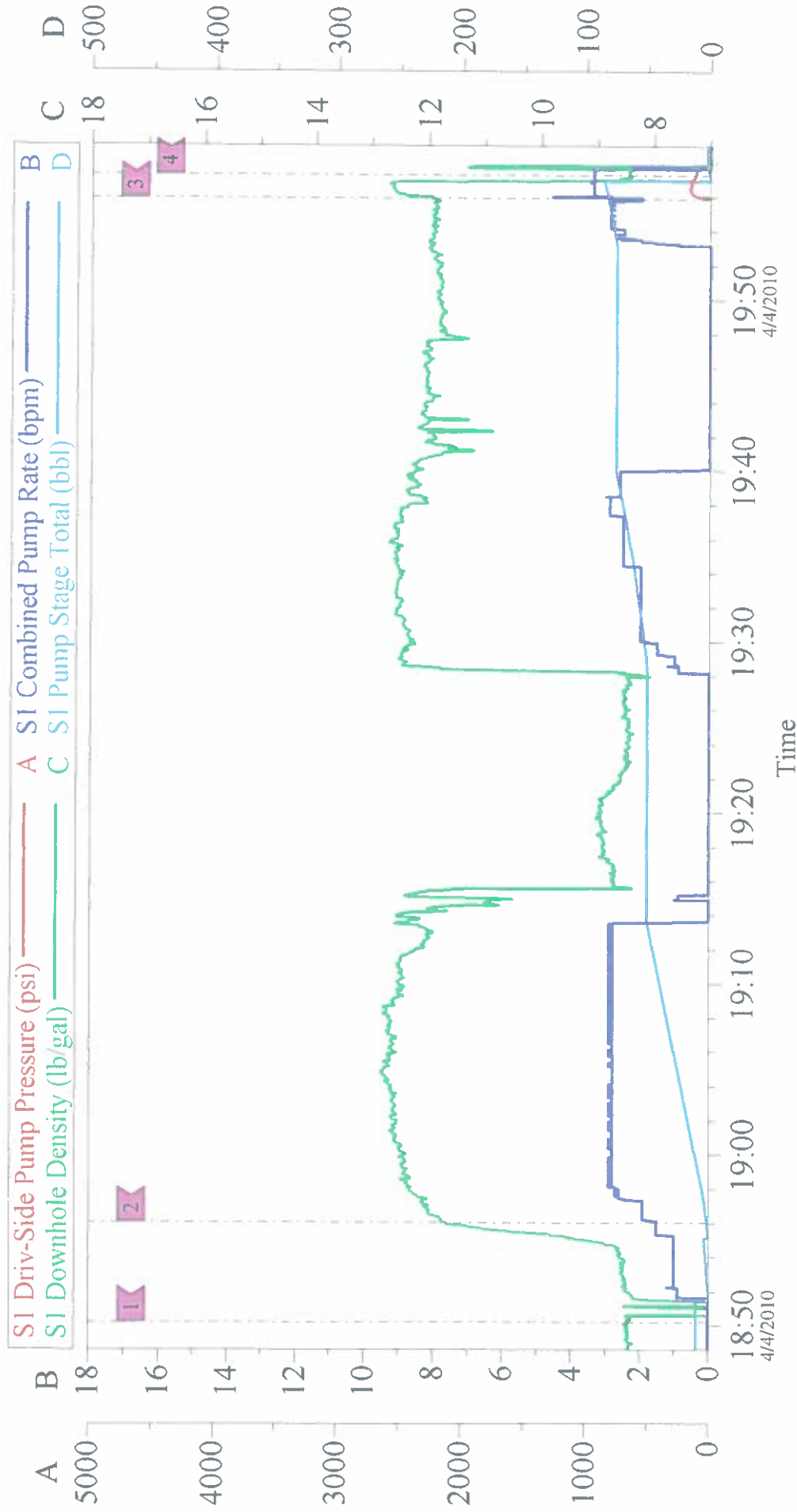


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Well Description: CC 697-16-42B

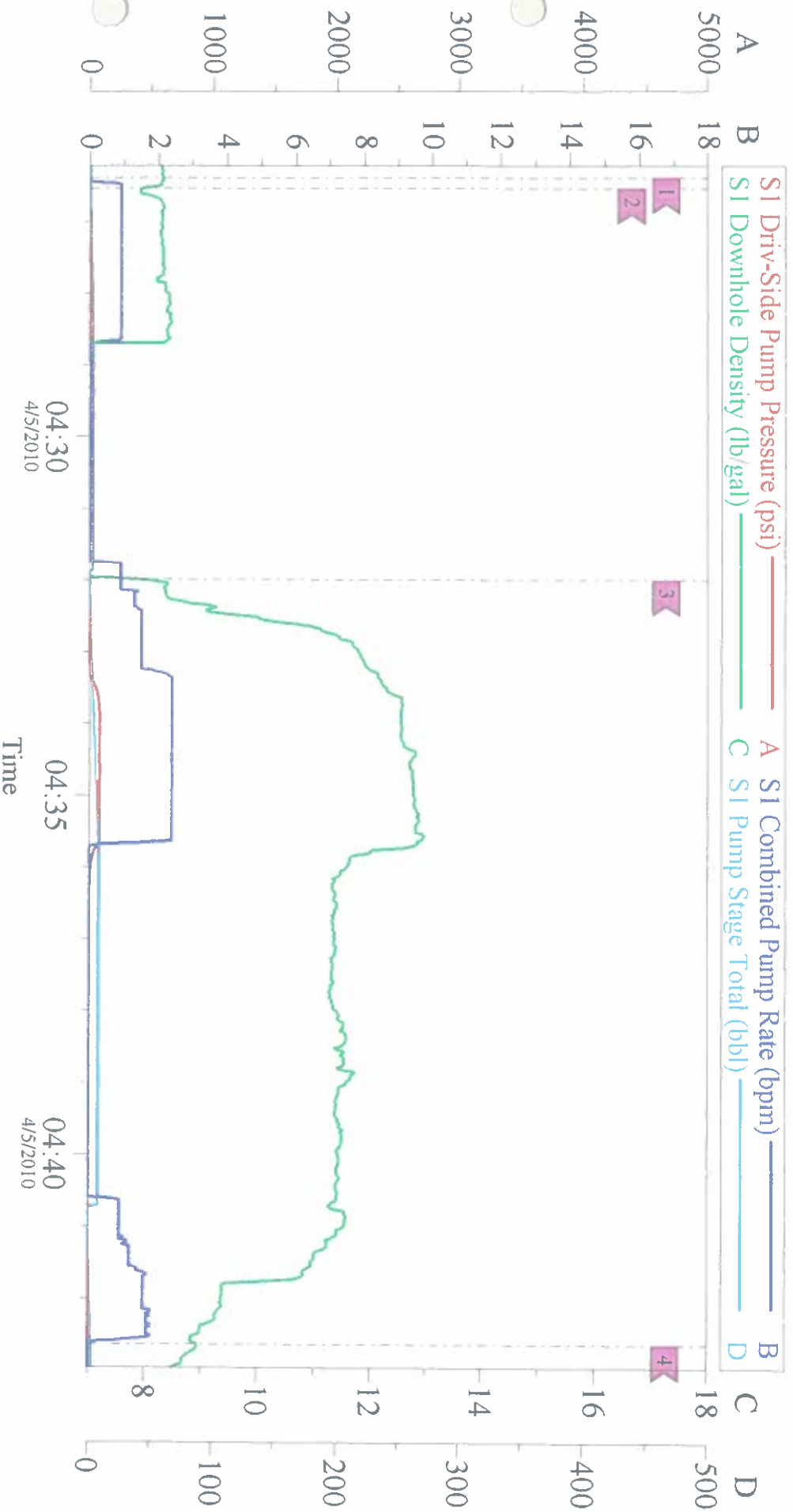
Job Date: 04-Apr-2010
JOB TYPE 9 5/8 SURFACE

Sales Order #: 7284351
ELITE # 2

OXY TOP OUT 1



OXY TOP OUT 2



Customer: OXY
Well Description: CC 697-16-42B

Job Date: 05-Apr-2010
JOB TYPE TOP OUT

Sales Order #: 7284351
ELITE # 2