



Well Review

Well Name: Guttersen #44-18

Vertical schematic (actual)				API/UWI	Operator	Surface Legal Location	
100	100	100	100	05123293200000	PDC Energy	SESE 18-3N-63W	
100	100	100	100	Orig KB Elev (ft)	Ground Elevation (ft)	KB-Grid (ft)	Spud Date
100	100	100	100	4,819.00	4,805.00	14.00	8/11/2010
Directions To Well WCR 18 & WCR 57 1/2, East 6/10, North 4 mi. East 8/10, North 5/10, gate combo 5775, East 4/10, North 1.9 mi. East 1/10, Northeast 3/10, North 7/10, East 4/10, South 2/10, Southeast 3/10 into.							
Original Hole							
Proposed Deviation Survey				Actual Deviation Survey Open Hole Gyro, Proposed? <proposed>			
Wellbore Sections							
Size (in)		Act Top (ftKB)		Act Btm (ftKB)			
12 1/4		14.0		727.0			
7 7/8		727.0		7,660.0			
Plug Back Total Depths							
Date				Depth (ftKB)			
8/16/2010				7,631.6			
Deviation Surveys							
Date	Des			Prop?	Definitive?		
8/11/2010	Ets Dir. survey for Original Hole			No	No		
8/30/2010	Open Hole Gyro						
Casing Strings							
Surface, 717.0ftKB							
Run Date	Centralizers			Scratchers			
8/12/2010	Yes			No			
Item Des	OD (in)	Wt (lb/ft)	Btm (ftKB)	Jts	ID (in)	Grade	
Casing Joints	8 5/8	24.00	717.0	17	8.097	J-55	
Production, 7,645.6ftKB							
Run Date	Centralizers			Scratchers			
8/15/2010	23			0			
Item Des	OD (in)	Wt (lb/ft)	Btm (ftKB)	Jts	ID (in)	Grade	
Casing Joints	4 1/2	11.60	6,395.0	143	4.000	E-80	
Casing Joints	4 1/2	11.60	6,407.5	1	4.000	E-80	
Casing Joints	4 1/2	11.60	7,034.1	13	4.000	E-80	
Stage Collar	4 1/2	11.60	7,037.8	1	4.000	E-80	
Casing Joints	4 1/2	11.60	7,051.0	1	4.000	E-80	
Casing Joints	4 1/2	11.60	7,631.6	13	4.000	E-80	
Float Collar	4 1/2		7,644.1	1			
Guide Shoe	4 1/2		7,645.6	1			
Cement							
Des		Class	Amount (sacks)	Est Top (ftKB)	Est Btm (ftKB)		
Surface		G	510	14.0	717.0		
Production		50/50 poz	180	6,000.0	7,034.0		
Production		50/50 poz	410	3,750.0	6,000.0		
Production		PLC	380	14.0	3,750.0		
Production		50/50 poz	150	7,034.0	7,646.0		
Stimulations & Treatments							
<typ> on <dtm>							
Date	Zone		Stim/Treat Company		Proppant Firm (lb)		
Comment							
Perforations							
Date	Top (ftKB)	Btm (ftKB)	Zone		Shot Dens (shots/ft)		
12/6/2010	7,576.0	7,582.0	Lakota, Original Hole		3.0		
12/6/2010	7,552.0	7,564.0	Lakota, Original Hole		2.0		
2/15/2011	7,252.0	7,258.0	J-sand, Original Hole		2.0		
2/15/2011	7,284.0	7,290.0	J-sand, Original Hole		2.0		
2/15/2011	7,302.0	7,308.0	J-sand, Original Hole		2.0		
5/18/2011	6,796.0	6,804.0	Codell, Original Hole		3.0		
Other In Hole							
Des		Top (ftKB)	Btm (ftKB)	Run Date	Pull Date		
Bridge Plug - Permanent		7,000.0	7,002.0	5/18/2011			
Current tubing in hole							
Item Description	OD (in)	Set Depth (ft...)	Wt (lb/ft)	Grade	Length (ft)		
Tubing	2 3/8	7,228.6	4.70	J-55	8.00		
Item Description	OD (in)	Set Depth (ft...)	Wt (lb/ft)	Grade	Length (ft)		
Tubing	2 3/8	7,228.6	4.70	J-55	7,205.0		
Item Description	OD (in)	Set Depth (ft...)	Wt (lb/ft)	Grade	Length (ft)		
2 3/8" nc/sn	2 3/8	7,228.6			1.60		
Item Description	OD (in)	Set Depth (ft...)	Wt (lb/ft)	Grade	Length (ft)		
Tubing	2 3/8	6,778.6	4.70	J-55	10.00		
Item Description	OD (in)	Set Depth (ft...)	Wt (lb/ft)	Grade	Length (ft)		
Tubing	2 3/8	6,778.6	4.70	J-55	8.00		
Item Description	OD (in)	Set Depth (ft...)	Wt (lb/ft)	Grade	Length (ft)		
Tubing	2 3/8	6,778.6	4.70	J-55	6,744.9		
Item Description	OD (in)	Set Depth (ft...)	Wt (lb/ft)	Grade	Length (ft)		
2 3/8" NC/SN	2 3/8	6,778.6			1.60		
Jobs							
Job Category	Primary Job Type			Start Date	End Date		
Drilling	Drilling - original			8/11/2010	8/15/2010		