



AIM Directional

Pinata Gas Unit 1 # 1H

Scale 1":100' - MD

4/12/2016 11:18 AM

Oper. Company: Laredo Energy

Well: Pinata Gas Unit 1 # 1H

Field:

Rig: Sidewinder # 220

Well ID: 42-479-43521

Job Number: ST-16-010

State: Texas

County: Webb

Country: USA

Location: Laredo

Start Date: 03/27/2016 07:04:06

End Date: 04/12/2016 11:00:00

Latitude: 27° 44' 1.190"N

Longitude: 99° 26' 7.756"W

Elev GL: 737.0 usft

Elev DF: 762.5 usft

Elev KB: 762.5 usft

Operator 1: Hayden Sutton

Operator 2: Will Richter

Tool Run Data	Run #1	Run #2	Run #3	Run #4	Run #5
Tool S/N	G-042	G-097	G-034	G-034	G-008
Bit Size	8 1/2"	8 1/2"	8 1/2"	8 1/2"	8 1/2"
Cal Factor	4.14	4.904	5.06	5.06	4.24
Survey Offset	53.00	72.00	70.00	67.00	67.00
Gamma Offset	44.00	57.00	55.00	52.00	52.00
Resistivity Offset	0.00	0.00	0.00	0.00	0.00
Start Depth	4110.00	11929.00	13533.00	13669.00	14118.00
StartDate	3/26/2016	3/30/2016	4/3/2016	4/4/2016	4/6/2016
StartTime	23:00	18:00	02:00	15:00	22:30
EndDepth	11929.00	13533.00	13669.00	14118.00	16046.00
EndDate	3/30/2016	4/3/2016	4/4/2016	4/6/2016	4/8/2016
EndTime	16:00	03:00	14:00	21:00	17:00
Mud Type	OBM	OBM	OBM	OBM	OBM
Mud Weight	11.2	11.4	11.3	11.3	11.4
Funnel Viscosity	60 (sec/qt)	62 (sec/qt)	64 (sec/qt)	62 (sec/qt)	62 (sec/qt)
Plastic Viscosity	18 @ 150(°F)	25 @ 150(°F)	29 @ 150(°F)	26 @ 150(°F)	26 @ 150(°F)
Yield Point	9 @ 150(°F)	10 @ 150(°F)	12 @ 150(°F)	12 @ 150(°F)	12 @ 150(°F)
Gel Strength	8 / 16	6 / 15	11 / 15	11 / 15	11 / 15
Solids Content	18.0	20.0	19.0	19.0	19.0
Sand Content	Tr	Tr	Tr	Tr	Tr
Mud Alkalinity	3.5 (Pom)	2.1 (Pom)	3.5 (Pom)	4.6 (Pom)	4.6 (Pom)
Filtrate Alkalinity	11.0 (cc/30min)	12.0 (cc/30min)	5.6 (cc/30min)	5.4 (cc/30min)	5.4 (cc/30min)
Chlorides	26,000	22,500	31,000	32,500	32,500
Temperature	200.0 (°F)	220.0 (°F)	220.0 (°F)	225.0 (°F)	270.0 (°F)
Tool Run Data	Run #6	Run #7	Run #8	Run #9	Run #10
Tool S/N	G-083				
Bit Size	8 1/2"				
Cal Factor	5.35				
Survey Offset	72.00				
Gamma Offset	59.00				
Resistivity Offset	0.00				
Start Depth	16046.00				
StartDate	4/8/2016				
StartTime	19:00				
EndDepth	19700.00				
EndDate	4/12/2016				
EndTime	11:00				
Mud Type	OBM				
Mud Weight	11.6				

Funnel Viscosity	62 (sec/qt)				
Plastic Viscosity	26 @ 150(°F)				
Yield Point	12 @ 150(°F)				
Gel Strength	11 / 15				
Solids Content	19.0				
Sand Content	Tr				
Mud Alkalinity	4.6 (Pom)				
Filtrate Alkalinity	5.4 (cc/30min)				
Chlorides	32,500				
Temperature	306.0 (°F)				
Hole Data			Casing Data		
Size	From	To	Size	From	To
12 1/4"	0.00	4122.00	9 5/8"	0.00	4122.00
8 1/2"	4122.00	19700.00			
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not except in the case of gross or willful negligence on our part, be liable or responsible for any loss, cost damages or expenses incurred or sustained by anyone resulting from an interpretation made by any of our officers, agents, or employees.					





























