

BLBM

Customer SHELL OIL COMPANY						Job Number 2201756790								
Well Latigo Ranch 2-34			Location (legal)			Schlumberger Location Hobbs, NM			Job Start 2008-Sep-24					
Field Cuervo		Formation Name/Type		Deviation		Bit Size 14.8 in		Well MD 1,502 ft		Well TVD 1,502 ft				
County Guadalupe		State/Province New Mexico		BHP psi		BHST 93 °F		BHCT 85 °F		Pore Press. Gradient psi/ft				
Well Master: 0631051580		API / UWI: 30-019-20136		Casing/Liner										
Rig Name Nabors M-45		Drilled For Oil & Gas		Service Via Land		Depth, ft 1502		Size, in 10.75		Weight, lb/ft 40.5				
Offshore Zone		Well Class New		Well Type Development		Grade K55		Thread 8RD						
Drilling Fluid Type			Max. Density 0 lb/gal		Plastic Viscosity 0 cp		Tubing/Drill Pipe							
Service Line Cementing			Job Type Cem Surface Casing			Depth, ft		Size, in		Weight, lb/ft				
Max. Allowed Tubing Pressure psi			Max. Allowed Ann. Pressure psi		Wellhead Connection 10 3/4 M&H&QC		Grade		Thread					
Service Instructions Take 1" Tubing on the side of the ABT's for top out 300 lbs of sugar for pits, LOU #4900005296 Network Latigo #30084519						Perforations/Open Hole								
						Top, ft		Bottom, ft		spf		No. of Shots		Total Interval ft
														Diameter in
						Treat Down Casing		Displacement 144 bbl		Packer Type		Packer Depth ft		
						Tubing Vol. bbl		Casing Vol. 148 bbl		Annular Vol. 149 bbl		Open Hole Vol. 317 bbl		
Casing/Tubing Secured ☒						1 Hole Volume Circulated prior to Cementing ☐								
Lift Pressure: 767 psi						Casing Tools			Squeeze Job					
Pipe Rotated ☐						Shoe Type: Guide			Squeeze Type: Hesitation					
Pipe Reciprocated ☐						Shoe Depth: 1502 ft			Tool Type: Retainer					
No. Centralizers: 0 Top Plugs: 1 Bottom Plugs: 1						Stage Tool Type			Tool Depth: 1250 ft					
Cement Head Type: Single						Stage Tool Depth: 0 ft			Tail Pipe Size: 0 in					
Job Scheduled For:						Collar Type: Float			Tail Pipe Depth: 0 ft					
Arrived on Location: 2008-Sep-22 23:00						Collar Depth: 1467 ft			Squeeze Total Vol: 0 bbl					
Leave Location: 2008-Sep-24 11:30														
Date	Time	Treating Pressure 24 hr clock psi	Flow Rate bbl/min	CMT DENS lb/gal	0	0	0	0	Message					
2008-Sep-24	6:00	-0	0.0	8.42	0	0	0	0						
2008-Sep-24	6:01								Sign Auth.					
2008-Sep-24	6:01	0	0.0	8.43	0	0	0	0						
2008-Sep-24	6:01	0	0.0	8.42	0	0	0	0						
2008-Sep-24	6:01								Safety Meeting					
2008-Sep-24	6:02								Clear Lines					
2008-Sep-24	6:02	-1	0.0	8.42	0	0	0	0						
2008-Sep-24	6:02								Test Lines 3500 PSI					
2008-Sep-24	6:02	-0	0.0	8.42	0	0	0	0						
2008-Sep-24	6:02	-1	0.0	8.42	0	0	0	0						
2008-Sep-24	6:02								Drop Bottom Plug					
2008-Sep-24	6:02	0	0.0	8.43	0	0	0	0						
2008-Sep-24	6:03								Pump 20 BBLS F/W Spacer Ahead					
2008-Sep-24	6:36	8	0.8	8.42	0	0	0	0						
2008-Sep-24	6:38	21	0.0	8.42	0	0	0	0						
2008-Sep-24	6:40	8	0.0	8.42	0	0	0	0						
2008-Sep-24	6:42	36	2.3	8.42	0	0	0	0						
2008-Sep-24	6:44	136	5.1	8.42	0	0	0	0						
2008-Sep-24	6:46	229	6.6	8.42	0	0	0	0						
2008-Sep-24	6:48	270	6.5	11.19	0	0	0	0						
2008-Sep-24	6:48								Break Circulation					

Well			Field		Service Date		Customer		Job Number
Latigo Ranch #2-34			Cuervo		08268-Sep-24		SHELL OIL COMPANY		2201756790
Date	Time	Treating Pressure	Flow Rate	CMT DENS	0	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	0	0	0	0	
2008-Sep-24	6:48	289	6.6	11.19	0	0	0	0	
2008-Sep-24	6:48								Very Good Circulation At Surface
2008-Sep-24	6:48								Reset Total, Vol = 32.27 bbl
2008-Sep-24	6:48	303	6.6	11.19	0	0	0	0	
2008-Sep-24	6:48	396	8.0	11.27	0	0	0	0	
2008-Sep-24	6:50	399	8.0	11.50	0	0	0	0	
2008-Sep-24	6:51								Start Pump Cement At 7:01 AM NM Time
2008-Sep-24	6:51	397	8.0	11.52	0	0	0	0	
2008-Sep-24	6:52	393	8.0	11.53	0	0	0	0	
2008-Sep-24	6:52								Pump 408 SKS = 217 BBLs Lead Cement At 11.5 PPG
2008-Sep-24	6:52	415	8.0	11.54	0	0	0	0	
2008-Sep-24	6:52								Lead Set Time 5 Hours 28 Min.
2008-Sep-24	6:52	417	8.0	11.54	0	0	0	0	
2008-Sep-24	6:54	393	8.0	11.19	0	0	0	0	
2008-Sep-24	6:56	391	8.0	11.48	0	0	0	0	
2008-Sep-24	6:58	395	8.0	11.50	0	0	0	0	
2008-Sep-24	7:00	421	7.9	11.66	0	0	0	0	
2008-Sep-24	7:02								Very Good Circulation At Surface
2008-Sep-24	7:02	420	8.0	11.63	0	0	0	0	
2008-Sep-24	7:02	390	7.9	11.64	0	0	0	0	
2008-Sep-24	7:04	410	8.0	11.60	0	0	0	0	
2008-Sep-24	7:06	427	8.0	11.55	0	0	0	0	
2008-Sep-24	7:08	408	8.0	11.54	0	0	0	0	
2008-Sep-24	7:10	430	7.9	11.51	0	0	0	0	
2008-Sep-24	7:12	422	8.0	11.60	0	0	0	0	
2008-Sep-24	7:14	312	6.5	11.58	0	0	0	0	
2008-Sep-24	7:16	338	8.0	11.49	0	0	0	0	
2008-Sep-24	7:18	79	3.6	11.22	0	0	0	0	
2008-Sep-24	7:20	80	2.0	11.52	0	0	0	0	
2008-Sep-24	7:21								Start Pump Tail Cement At 7:30 AM NM Time
2008-Sep-24	7:21	82	2.0	11.83	0	0	0	0	
2008-Sep-24	7:22								Tail Cement 340 SKS = 108 BBLs At 13.5 PPG
2008-Sep-24	7:22	84	2.0	12.09	0	0	0	0	
2008-Sep-24	7:22	84	2.0	12.31	0	0	0	0	
2008-Sep-24	7:22								Tail Set Time 4 Hours & 5 Min.
2008-Sep-24	7:22	89	2.0	12.38	0	0	0	0	
2008-Sep-24	7:24	83	2.0	13.17	0	0	0	0	
2008-Sep-24	7:26	93	1.0	13.22	0	0	0	0	
2008-Sep-24	7:28	41	0.0	13.09	0	0	0	0	
2008-Sep-24	7:30	43	0.0	12.87	0	0	0	0	
2008-Sep-24	7:32	43	0.0	12.87	0	0	0	0	
2008-Sep-24	7:34	102	1.0	13.28	0	0	0	0	
2008-Sep-24	7:36	365	6.6	13.82	0	0	0	0	
2008-Sep-24	7:38	402	6.5	13.71	0	0	0	0	
2008-Sep-24	7:40	384	6.6	13.21	0	0	0	0	
2008-Sep-24	7:42	361	6.5	13.40	0	0	0	0	
2008-Sep-24	7:44	375	6.6	13.64	0	0	0	0	
2008-Sep-24	7:46	370	6.5	13.64	0	0	0	0	
2008-Sep-24	7:48	262	5.1	13.79	0	0	0	0	

Well			Field		Service Date		Customer		Job Number
Latigo Ranch #2-34			Cuervo		08268-Sep-24		SHELL OIL COMPANY		2201756790
Date	Time	Treating Pressure	Flow Rate	CMT DENS	0	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	0	0	0	0	
2008-Sep-24	7:50	239	5.0	13.52	0	0	0	0	
2008-Sep-24	7:52	54	0.0	13.65	0	0	0	0	
2008-Sep-24	7:54	54	0.0	14.12	0	0	0	0	
2008-Sep-24	7:56	151	5.1	8.91	0	0	0	0	
2008-Sep-24	7:58	144	5.0	8.58	0	0	0	0	
2008-Sep-24	8:00	169	5.0	8.42	0	0	0	0	
2008-Sep-24	8:01								End Tail Cement
2008-Sep-24	8:01	151	5.0	8.16	0	0	0	0	
2008-Sep-24	8:01	126	5.1	8.15	0	0	0	0	
2008-Sep-24	8:01								Stop Pumping
2008-Sep-24	8:02								Drop Plug
2008-Sep-24	8:02	155	5.0	8.28	0	0	0	0	
2008-Sep-24	8:02	175	5.0	8.41	0	0	0	0	
2008-Sep-24	8:02								Drop Plug
2008-Sep-24	8:02	126	5.1	8.42	0	0	0	0	
2008-Sep-24	8:04	78	5.0	1.11	0	0	0	0	
2008-Sep-24	8:06	199	5.1	8.43	0	0	0	0	
2008-Sep-24	8:08	319	6.6	8.42	0	0	0	0	
2008-Sep-24	8:10	355	6.6	8.43	0	0	0	0	
2008-Sep-24	8:12	377	6.6	8.43	0	0	0	0	
2008-Sep-24	8:14	441	6.6	8.42	0	0	0	0	
2008-Sep-24	8:16	484	6.6	8.42	0	0	0	0	
2008-Sep-24	8:18	522	6.6	8.42	0	0	0	0	
2008-Sep-24	8:20	354	2.3	8.42	0	0	0	0	
2008-Sep-24	8:22	366	2.2	8.43	0	0	0	0	
2008-Sep-24	8:24	378	2.2	8.43	0	0	0	0	
2008-Sep-24	8:26	939	0.0	8.43	0	0	0	0	
2008-Sep-24	8:28	31	0.0	8.43	0	0	0	0	
2008-Sep-24	8:30	824	0.3	8.37	0	0	0	0	
2008-Sep-24	8:32	1510	0.0	8.40	0	0	0	0	
2008-Sep-24	8:34	1514	0.0	8.40	0	0	0	0	
2008-Sep-24	8:34								Start Pump 144 BBLS F/W Displacement
2008-Sep-24	8:34	1514	0.0	8.40	0	0	0	0	
2008-Sep-24	8:35								Plug Down At 8:30 AM NM Time
2008-Sep-24	8:35	1513	0.0	8.40	0	0	0	0	
2008-Sep-24	8:36	1512	0.0	8.40	0	0	0	0	
2008-Sep-24	8:38	1512	0.0	8.40	0	0	0	0	
2008-Sep-24	8:40	1510	0.0	8.41	0	0	0	0	
2008-Sep-24	8:41	1511	0.0	8.41	0	0	0	0	
2008-Sep-24	8:41								Bump Plug 390 PSI To 950 PSI
2008-Sep-24	8:41								Check Float
2008-Sep-24	8:41	1510	0.0	8.41	0	0	0	0	
2008-Sep-24	8:41	1509	0.0	8.41	0	0	0	0	
2008-Sep-24	8:41								Float Held
2008-Sep-24	8:41								Test Casing 1500 PSI For 30 Min.
2008-Sep-24	8:41	1511	0.0	8.41	0	0	0	0	
2008-Sep-24	8:42	1510	0.0	8.41	0	0	0	0	
2008-Sep-24	8:43								Circulated 104 BBLS = 195 SKS Of Cement To Surface
2008-Sep-24	8:43	1510	0.0	8.41	0	0	0	0	
2008-Sep-24	8:44	1510	0.0	8.41	0	0	0	0	
2008-Sep-24	8:46	1511	0.0	8.41	0	0	0	0	

Well Latigo Ranch #2-34			Field Cuervo		Service Date 08268-Sep-24		Customer SHELL OIL COMPANY		Job Number 2201756790	
Date	Time 24 hr clock	Treating Pressure psi	Flow Rate bbl/min	CMT DENS lb/gal	0	0	0	0	Message	
2008-Sep-24	8:48	1507	0.0	8.41	0	0	0	0		
2008-Sep-24	8:50	1501	0.0	8.41	0	0	0	0		
2008-Sep-24	8:52	1498	0.0	8.41	0	0	0	0		
2008-Sep-24	8:54	1495	0.0	8.41	0	0	0	0		
2008-Sep-24	8:56	1493	0.0	8.41	0	0	0	0		
2008-Sep-24	8:58	1491	0.0	8.41	0	0	0	0		
2008-Sep-24	9:00	1490	0.0	8.41	0	0	0	0		
2008-Sep-24	9:02	1490	0.0	8.41	0	0	0	0		
2008-Sep-24	9:03								End Casing Test All Good Held 1500 PSI	
2008-Sep-24	9:03	1490	0.0	8.41	0	0	0	0		
2008-Sep-24	9:03								End Job	
2008-Sep-24	9:03	1489	0.0	8.41	0	0	0	0		
2008-Sep-24	9:04	1490	0.0	8.41	0	0	0	0		
2008-Sep-24	9:06	1489	0.0	8.41	0	0	0	0		
2008-Sep-24	9:08								Stopped Acquisition	
2008-Sep-24	9:08	31	0.0	8.40	0	0	0	0		
Post Job Summary										
Average Pump Rates, bpm					Volume of Fluid Injected, bbl					
Slurry	N2	Mud	Maximum Rate		Total Slurry	Mud	Spacer	N2		
7.5	0	0	8		325	0	20	0		
Treating Pressure Summary, psi					Breakdown Fluid					
Maximum	Final	Average	Bump Plug to	Breakdown	Volume			Density		
950	0	350	950	0	0 bbl			8.34 lb/gal		
Avg. N2 Percent	Designed Slurry Volume		Displacement	Mix Water Temp	☒ Cement Circulated to Surface? Volume 104 bbl ☐ Washed Thru Perfs To 0 ft					
0 %	0 bbl		144 bbl	°F						
Customer or Authorized Representative			Schlumberger Supervisor		☐ CirculationLost ☒ Job Completed					
Stampley, George			Cantu, Ernest							

Well	34	Client	Shell Oil Company
Field	Latigo Ranch 2	SIR No.	2201756790
Engineer		Job Type	Cement 10 3/4 Surface CSG
Country	United States	Job Date	09-24-2008

