



Top of RSB Packer 7805'		Top of Mono Pak Packer 7809'					
DOWN HOLE WELL PROFILE							
WELL NAME	State 14 com 2H		DATE	10/27/09			
SUPERVISOR	Gary Hutchings		TOOL HAND	James D./Victor S.			
PHONE #	432-208-3080		PHONE #	432-664-6392			
RIG #	Key Energy 881		FIELD TICKET #	8869			
ELEVATIONS							
KB ELEV	GL ELEV	KB TO THF	KB TO SCF	RIG KBD	PBTD		
CASING / OPEN HOLE LAYOUT		OD (IN)	LANDED DEPTH	WEIGHT (LB/FT)	TOP OF (FTKB)		
CASING DESCRIPTION		5.5		17 #			
WINDOW DESCRIPTION							
OPEN HOLE DESCRIPTION		4.75		JUNCTION @	7905'		
DESCRIPTION							
Pumpout Plug has been pumped out							
STEERING DIRECTIONS							
DOWNHOLE DESCRIPTION FROM BOTTOM UP (Tubing String)							
BOTTOM @	DESCRIPTION			LENGTH	ID	OD	
10431.00	Pumpoff Plug 1			0.78	0.750	3.750	
10430.22	2 Jts 2 7/8" 6.5# L-80 EUE 8 Rd Liner (1-2)			63.97	2.441	2.875	
10366.25	4 1/2 Open Hole Anchor 1 2			5.44	2.441	4.500	
10360.81	4 Jts 2 7/8 6 5# L-80 EUE Liner (3-6)			129.12	2.441	2.875	
10231.69	4 5/8" Centralizer			0.54	2.441	4.625	
10231.15	4 1/2 ISO PAK (2) 1 3			5.74	2.375	4.500	
10225.41	7 Jts 2 7/8 6 5 # L-80 EUE Liner (7-13)			226.22	2.441	2.875	
9999.19	Strata Port (Gen. 3) 1.531" ID 4			2.94	1.531	4.187	
9996.25	5 Jts 2 7/8 6 5 # L-80 EUE Liner (14-18)			163.13	2.441	2.875	
9833.12	Centralizer			0.54	2.441	4.625	
9832.58	4 1/2 ISO PAK (2) 2 5			5.74	2.375	4.500	
9826.84	7 Jts 2 7/8 6.5 # L-80 EUE Liner (19-25)			228.57	2.441	2.875	
9598.27	Strata Port (Gen. 3) 1.656" ID 6			2.94	1.656	4.187	
9595.33	5 Jts 2 7/8 6.5 # N-80 EUE Liner (26-30)			162.24	2.441	2.875	
9433.09	Centralizer			0.54	2.441	4.625	
9432.55	4 1/2 ISO PAK (2) 3 7			5.74	2.375	4.500	
9426.81	7 Jts 2 7/8 6 5 # L-80 EUE Liner (31-37)			228.48	2.441	2.875	
9198.33	Strata Port (Gen. 3) 1.781" ID 8			2.94	1.781	4.187	
9195.39	5 Jts 2 7/8 6 5 # N-80 EUE Liner (38-42)			163.26	2.441	2.875	
9032.13	4 5/8" Centralizer			0.54	2.441	4.625	
9031.59	4 1/2 ISO PAK (2) 4 9			5.74	2.375	4.500	
9025.85	7 Jts 2 7/8 6 5 # L-80 EUE Liner (43-49)			228.91	2.441	2.875	
8796.94	Strata Port (Gen. 3) 2.031" ID 10			2.94	2.060	4.187	
8794.00	5 Jts 2 7/8 6.5 # L-80 EUE Liner (50-54)			163.18	2.441	2.875	
8630.82	4 5/8" Centralizer			0.54	2.441	4.625	
8630.28	4 1/2 ISO PAK (2) 5 11			5.74	2.375	4.500	
8624.54	7 Jts 2 7/8 6.5# L-80 EUE Liner (55-61)			227.54	2.441	2.875	
8397.00	Strata Port (Gen. 3) 2.156" 12			2.94	2.156	4.187	
8394.06	XO 3 1/2 8 RD BOX x 2 7/8 8 Rd Pin			0.50	2.500	4.250	
8393.56	XO 3 1/2 UFJ BOX x 3 1/2 8 Rd Pin			1.30	2.940	3.875	
8392.26	18 Jts 3 1/2 UFJ 9.3 # P-110 Liner (1-18)			578.23	2.441	2.875	
7814.03	XO 3 1/2 8 RD BOX x 3 1/2 UFJ Pin			1.20	2.940	4.500	
7812.83	XO 2 7/8 8 RD BOX x 3 1/2 8 Rd Pin			0.49	2.500	4.250	
7812.34	Peak Mono Pak Pkr 13			2.42	2.375	4.500	
7809.92	5 1/2 17# RSB Liner Hanger Pkr 13			4.95	3.000	4.625	
7804.97	Hydraulic Setting Tool			5.29	1.500	4.500	
7799.68	XO 2 7/8 AOH BOX x 2 7/8 8 Rd Pin			1.30	2.441	3.875	
7798.38	2 7/8 AOH Pup Jt			3.78	2.090	2.875	
7794.60	247 Jts 2 7/8 AOH 10 4# Drillpipe			7805.74	2.150	2.875	
-11.14	Stickup						
-11.14							
-11.14							
-11.14							
WEIGHT OF STRING				110k	TOTAL STRING LENGTH		10442.14
PUSH / PULL TEST				40k/35k	STICK-UP OFF RIG FLOOR		-11.14
LINER STRING WEIGHT				15k	TUBING BOTTOM		10431.00

*** CONFIDENTIAL ***
NOT TO BE DISCLOSED OUTSIDE
**Cimarex Energy **

TOTAL MEASURED DEPTH
@ 10644' FT