



End of 7.0" csg @ 2738'

Top of Peak Strata-Pak II Hanger w/ seal bore @ 2627'



- Iso Pak Open Hole Packer #11 @ 3261'
- Strata Port #9 w/ 3.28" ID @ 3397' Shear press: 1758 psig
- Iso Pak Open Hole Packer #10 @ 3583'
- Strata Port #8 w/ 3.03" ID @ 3763' Shear press: 1758 psig
- Iso Pak Open Hole Packer #9 @ 3948'
- Strata Port #7 w/ 2.78" ID @ 4128' Shear press: 1758 psig
- Iso Pak Open Hole Packer #8 @ 4314'
- Strata Port #6 w/ 2.53" ID @ 4494' Shear press: 1758 psig
- Iso Pak Open Hole Packer #7 @ 4680'
- Strata Port #5 w/ 2.28" ID @ 4860' Shear press: 1758 psig
- Iso Pak Open Hole Packer #6 @ 5045'
- Strata Port #4 w/ 2.03" ID @ 5225' Shear press: 1758 psig
- Iso Pak Open Hole Packer #5 @ 5411'
- Strata Port #3 w/ 1.78" ID @ 5590' Shear press: 1758 psig
- Iso Pak Open Hole Packer #4 @ 5776'
- Strata Port #2 w/ 1.53" ID @ 5956' Shear press: 1758 psig
- Iso Pak Open Hole Packer #3 @ 6142'
- Strata Port #1 w/ 1.28" ID @ 6323' Shear press: 1758 psig
- Iso Pak Open Hole Packer #2 @ 6465'
- Hydraulic Frac Sleeve @ 6687' Opening shear @ 3884 psig
- Iso Pak Open Hole Packer #1 @ 6973'
- Peak Hydro Pak Anchor @ 6929'
- Down Jet @ 6980' Shear Press: 1998 psig

DOWNHOLE WELL PROFILE					
WELL NAME	White City 14 Fed #7			DATE	5/25/09
SUPERVISOR	Mr. Randy Payne			TOOL HAND	R. Cherry Jr.
PHONE #	575-390-3154 cell			PHONE #	432-425-0888
RIG #	Key 880			FIELD TICKET #	
ELEVATIONS					
	GL ELEV	KB ELEV		RIG KBD	TVD
	3265	0		17' AGL	3024.00
CASING/ OPEN HOLE LAYOUT	OD (IN)	LANDED DEPTH	WEIGHT (LB/FT)	TOP OF (FTKB)	
CASING DESCRIPTION	7	2738.00	26	0	
WINDOW DESCRIPTION					
OPEN HOLE DESCRIPTION	6 1/8	7334.00	JUNCTION @	2758.00	
DESCRIPTION					
Top of curve: 2788', bottom of curve: 3237', curve length: 449'					
Liner Placement Schematic					
DOWNHOLE DESCRIPTION FROM BOTTOM UP					
BOTTOM @	DESCRIPTION		LENGTH	ID	OD
6980.00	Peak Down Jet Circ Sub w/ 3-1/2" eue pin 1		2.55	0.750	3.750
6977.45	Swedge w/ 3-1/2" eue collar x 4-1/2" LTC collar		1.35	3.068	5.100
6976.10	1 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 1		44.25	4.000	4.500
6931.85	4-1/2" LTC pin x 4-1/2" LTC collar 11.6# P-110 Pup Jt		2.07	4.000	4.500
6929.78	Peak Rot Centralizer 4-1/2" LTC pin x collar		0.57	3.995	5.875
6929.21	Peak Hydro Pak OH Anchor 4-1/2" LTC pin x box 2		4.28	3.992	5.880
6924.93	4-1/2" LTC pin x 4-1/2" LTC collar Pup Jt		6.08	4.000	4.500
6918.85	1 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 2		43.52	4.000	4.500
6875.33	4-1/2" LTC pin x 4-1/2" LTC collar Pup Jt		2.04	4.000	4.500
6873.29	Peak Rot Centralizer 4-1/2" LTC pin x box		0.58	3.995	5.875
6872.71	Peak 7"x4.5" Iso Pak Packer 4-1/2" LTC pin x pin 3		5.00	3.996	5.685
6867.71	4-1/2" LTC collar x 4-1/2" LTC collar Pup Jt		6.68	4.000	4.500
6861.03	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 3-6		173.76	4.000	4.500
6687.27	Peak Hydroport Frac Sleeve 4		2.46	3.940	5.875
6684.81	5 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 7-11		217.26	4.000	4.500
6467.55	4-1/2" LTC pin x 4-1/2" LTC collar Pup Jt		2.04	4.000	4.500
6465.51	Peak Rot Centralizer 4-1/2" LTC pin x box		0.58	3.995	5.875
6464.93	Peak 7"x4.5" Iso Pak Packer 4-1/2" LTC pin x pin 5		5.00	3.996	5.685
6459.93	4-1/2" LTC collar x 4-1/2" LTC collar Pup Jt		6.68	4.000	4.500
6453.25	3 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 12-14		130.42	4.000	4.500
6322.83	Peak Gen III Selective Frac Sleeve 1.282" id 6		3.55	1.282	5.875
6319.28	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 15-18		173.52	4.000	4.500
6145.76	4-1/2" LTC pin x 4-1/2" LTC collar Pup Jt		3.55	4.000	4.500
6142.21	Peak Rot Centralizer 4-1/2" LTC pin x box		0.58	3.995	5.875
6141.63	Peak 7"x4.5" Iso Pak Packer 4-1/2" LTC pin x pin 7		5.00	3.996	5.685
6136.63	4-1/2" LTC collar x 4-1/2" LTC collar Pup Jt		6.68	4.000	4.500
6129.95	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 19-22		174.36	4.000	4.500
5955.59	Peak Gen III Selective Frac Sleeve 1.532" id 8		3.55	1.532	5.875
5952.04	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 23-26		173.69	4.000	4.500
5778.35	4-1/2" LTC pin x 4-1/2" LTC collar Pup Jt		2.04	4.000	4.500
5776.31	Peak Rot Centralizer 4-1/2" LTC pin x box		0.58	3.995	5.875
5775.73	Peak 7"x4.5" Iso Pak Packer 4-1/2" LTC pin x pin 9		5.00	3.996	5.685
5770.73	4-1/2" LTC collar x 4-1/2" LTC collar Pup Jt		6.68	4.000	4.500
5764.05	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 27-30		173.63	4.000	4.500
5590.42	Peak Gen III Selective Frac Sleeve 1.782" id 10		3.55	1.782	5.875
5586.87	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 31-34		173.67	4.000	4.500
5413.20	4-1/2" LTC pin x 4-1/2" LTC collar Pup Jt		2.04	4.000	4.500
5411.16	Peak Rot Centralizer 4-1/2" LTC pin x box		0.58	3.995	5.875
5410.58	Peak 7"x4.5" Iso Pak Packer 4-1/2" LTC pin x pin 11		5.00	3.996	5.685
5405.58	4-1/2" LTC collar x 4-1/2" LTC collar Pup Jt		6.68	4.000	4.500
5398.90	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 35-38		173.67	4.000	4.500
5225.23	Peak Gen III Selective Frac Sleeve 2.032" id 12		3.55	2.032	5.875
5221.68	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 39-42		173.95	4.000	4.500
5047.73	4-1/2" LTC pin x 4-1/2" LTC collar Pup Jt		2.04	4.000	4.500
5045.69	Peak Rot Centralizer 4-1/2" LTC pin x box		0.58	3.995	5.875
5045.11	Peak 7"x4.5" Iso Pak Packer 4-1/2" LTC pin x pin 13		5.00	3.996	5.685
5040.11	4-1/2" LTC collar x 4-1/2" LTC collar Pup Jt		6.68	4.000	4.500
5033.43	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 43-46		173.87	4.000	4.500
4859.56	Peak Gen III Selective Frac Sleeve 2.282" id 14		3.55	2.282	5.875
4856.01	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 47-50		173.88	4.000	4.500
4682.13	4-1/2" LTC pin x 4-1/2" LTC collar Pup Jt		2.04	4.000	4.500
4680.09	Peak Rot Centralizer 4-1/2" LTC pin x box		0.58	3.995	5.875
4679.51	Peak 7"x4.5" Iso Pak Packer 4-1/2" LTC pin x pin 15		5.00	3.996	5.685
4674.51	4-1/2" LTC collar x 4-1/2" LTC collar Pup Jt		6.68	4.000	4.500
4667.83	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 51-54		174.04	4.000	4.500
4493.79	Peak Selective Gen III Frac Sleeve 2.532" id 16		3.55	2.532	5.875
4490.24	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 55-58		173.97	4.000	4.500
4316.27	4-1/2" LTC pin x 4-1/2" LTC collar Pup Jt		2.04	4.000	4.500
4314.23	Peak Rot Centralizer 4-1/2" LTC pin x box		0.58	3.995	5.875
4313.65	Peak 7"x4.5" Iso Pak Packer 4-1/2" LTC pin x pin 17		5.00	3.996	5.685
4308.65	4-1/2" LTC collar x 4-1/2" LTC collar Pup Jt		6.68	4.000	4.500
4301.97	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 59-62		173.85	4.000	4.500
4128.12	Peak Gen III Selective Frac Sleeve 2.782" id 18		3.55	2.782	5.875
4124.57	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 63-66		173.57	4.000	4.500
3951.00	4-1/2" LTC pin x 4-1/2" LTC collar Pup Jt		2.04	4.000	4.500
3948.96	Peak Rot Centralizer 4-1/2" LTC pin x box		0.58	3.995	5.875
3948.38	Peak 7"x4.5" Iso Pak Packer 4-1/2" LTC pin x pin 19		5.00	3.996	5.685
3943.38	4-1/2" LTC collar x 4-1/2" LTC collar Pup Jt		6.68	4.000	4.500
3936.70	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 67-70		173.98	4.000	4.500
3762.72	Peak Gen III Selective Frac Sleeve 3.032" id 20		3.55	3.032	5.875
3759.17	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 71-74		173.95	4.000	4.500
3585.22	4-1/2" LTC pin x 4-1/2" LTC collar Pup Jt		2.04	4.000	4.500
3583.18	Peak Rot Centralizer 4-1/2" LTC pin x box		0.58	3.995	5.875
3582.60	Peak 7"x4.5" Iso Pak Packer 4-1/2" LTC pin x pin 21		5.00	3.996	5.685
3577.60	4-1/2" LTC collar x 4-1/2" LTC collar Pup Jt		6.68	4.000	4.500
3570.92	4 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 75-78		173.97	4.000	4.500
3396.95	Peak Gen III Selective Frac Sleeve 3.282" id 22		3.55	3.282	5.875
3393.40	3 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 79-81		130.23	4.000	4.500
3263.17	4-1/2" LTC pin x 4-1/2" LTC collar Pup Jt		2.04	4.000	4.500
3261.13	Peak Rot Centralizer 4-1/2" LTC pin x box		0.58	3.995	5.875
3260.55	Peak 7"x4.5" Iso Pak Packer 4-1/2" LTC pin x pin 23		5.00	3.996	5.685
3255.55	4-1/2" LTC collar x 4-1/2" LTC collar Pup Jt		6.68	4.000	4.500
3248.87	14 Jts 4-1/2" LTC 11.60# J-55 Casing Jt# 82-95		608.97	4.000	4.500
2639.90	4-1/2" BTC pin x 4-1/2" LTC collar Pup Jt		1.65	3.920	4.500
2638.25	Peak 7" x 4.5" Strada Pak II 10K Liner Hanger 24		5.91	4.000	5.970
2632.34	4-1/2" LTC collar		0.58	4.000	4.500
2631.76	4-1/2" LTC pin x TLC On/Off assy w/ 4" Seal Bore		5.17	4.000	5.380
2626.59	4" Seal Bore T-5 Gudgeon w/ secondary ball seat x 3-1/2" IF		0.84	1.750	4.750
2625.75	3-1/2" IF Pup Joint		7.67	2.250	3.500
2618.08	4-3/4" Spirol Drill Collars 23 Jt's		706.51	2.375	4.750
1911.57	4-3/4" HWDP 3-1/2" IF 40 Jt's		1210.57	2.310	4.750
701.00	3-1/2" 13 30# IF Drill Pipe 23 Jt's		724.88	2.602	3.500
-23.88	STICK UP		0.00	0.000	0.000
0.00			0	0.00	0.000
0.00			0	0.00	0.000
WEIGHT OF STRING PUSH/PULL TEST		43K 25K	TOTAL STRING LENGTH		
TOP OF CASING HANGER PACKER		2727.00	STICK-UP OFF RIG FLOOR		
			TUBING BOTTOM		
			4401.29		
			23.88		
			6980.00		

Total drilled depth @ 7334'

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*** CONFIDENTIAL ***
NOT TO BE DISCLOSED OUTSIDE CIMAREX ENERGY

public record