

End of 5-1/2" CSG
@ 2797' FT

Top of AS-1X Packer On/Off @ 2677'

DOWNHOLE WELL PROFILE

WELL NAME	White City 14 Federal #6	DATE	1/15/09
SUPERVISOR	Mr. Randy Payne	TOOL HAND	R.Cherry Jr.
PHONE #	432-208-3080	PHONE #	432-425-0888
RIG #	Key 298	FIELD TICKET #	0

ELEVATIONS

	GL ELEV	KB ELEV	RIG KBD	PBTD
	3316'	3332'	16' AGL	4918'
CASING / OPEN HOLE LAYOUT	OD (IN)	LANDED DEPTH	WEIGHT (LB/FT)	TOP OF (FTKB)
CASING DESCRIPTION	5 1/2	2797.00	17	0
WINDOW DESCRIPTION		TOC:2858' to EOC:3173'		
OPEN HOLE DESCRIPTION	4.75	4918' TD	JUNCTION @	2797.00

DESCRIPTION

Curve begins @ 2858', end @ 3173'

STEERING DIRECTIONS

DOWNHOLE DESCRIPTION FROM BOTTOM UP (Tubing String)

BOTTOM @	DESCRIPTION	LENGTH	ID	OD
4745.22	2 7/8" eue Peak Pump Out Plug	2.54	0.750	3.675
4744.44	2 Jts 2 7/8" eue 6.5# L-80 1-2	65.43	2.441	2.875
4680.58	4-5/8" x 2-7/8" Peak Centralizer	1.10	2.375	4.625
4680.00	5.50" x 2-7/8" Peak Hydro Pak Anchor	32.68	2.375	4.500
4676.13	4 Jts 2 7/8" eue 6.5# L-80 3-6	3.37	2.441	2.875
4549.00	4-5/8" x 2-7/8" Peak Centralizer	65.30	2.375	4.625
4548.42	5.50" x 2-7/8" Peak Iso Pak Open Hole Packer #1	0.43	2.375	4.500
4543.89	5 Jts 2 7/8" eue 6.5# L-80 7-11	1.29	2.441	2.875
4383.53	Strata Port #1 w/ 1 31" ID	5.29	1.313	4.000
4381.34	6 Jts 2 7/8" eue 6.5# L-80 12-17	84.89	2.441	2.875
4188.76	4-5/8" x 2-7/8" Peak Centralizer	1.38	2.375	4.625
4188.18	5.50" x 2-7/8" Peak Iso Pak Open Hole Packer #2	4.60	2.375	4.500
4183.65	5 Jts 2 7/8" eue 6.5# L-80 18-22	126.36	2.441	2.875
4022.91	Strata Port #2 w/ 1.563" ID	3.02	1.563	4.000
4019.89	5 Jts 2 7/8" eue 6.5# L-80 23-27	169.37	2.441	2.875
3858.31	4-5/8" x 2-7/8" Peak Centralizer	1.38	2.375	4.625
3857.73	5.50" x 2-7/8" Peak Iso Pak Open Hole Packer #3	4.60	2.375	4.500
3853.20	6 Jts 2 7/8" eue 6.5# L-80 28-33	337.81	2.441	2.875
3658.83	Strata Port #3 w/ 1 813" ID	3.02	1.813	4.000
3655.81	5 Jts 2 7/8" eue 6.5# L-80 34-38	380.51	2.441	2.875
3494.01	4-5/8" x 2-7/8" Peak Centralizer	1.38	2.375	4.625
3493.43	5.50" x 2-7/8" Peak Iso Pak Open Hole Packer #4	4.60	2.375	4.500
3488.90	5 Jts 2 7/8" eue 6.5# L-80 39-43	253.95	2.441	2.875
3330.27	Strata Port #4 w/ 2 063" ID	3.02	2.063	4.000
3327.25	5 Jts 2 7/8" eue 6.5# L-80 44-48	252.50	2.441	2.875
3167.74	4-5/8" x 2-7/8" Peak Centralizer	1.38	2.375	4.625
3167.16	5.50" x 2-7/8" Peak Iso Pak Open Hole Packer #5	4.60	2.375	4.500
3162.63	XO 2 7/8" eue L-80 pin X 2 7/8" Ultra-FX box	295.74	2.441	3.150
3161.56	15 Jts 2 7/8" Ultra-FJ 6.4# L-80 1-15	3.02	2.060	5.375
2690.94	XO 2 7/8" Ultra-FX pin X 2 7/8" eue L-80 box	252.99	2.441	3.680
2690.12	2-7/8" eue Downhole Tbg Swivel	1.38	2.441	3.680
2689.13	Peak AS-1X Packer 5-1/2" 14-20# x 2-7/8" eue	4.60	2.380	4.625
2680.93	2-7/8" eue pin x 2-7/8" eue pin	295.68	2.441	3.120
2680.45	2-7/8" x 5-1/2" On/Off tool (Inverted)	3.02	2.441	4.480
2677.05	XO 2-7/8" eue pin X 2-7/8" AOH box	295.95	2.441	3.880
2675.74	85 jt's 2-7/8" AOH 10.4# Drill Pipe	1.38	2.151	2.875
-11.38	Stick up	4.60	0.000	0.000

WEIGHT OF STRING	34.7K	TOTAL STRING LENGTH	4756.60
PUSH/PULL TEST	25K	STICK-UP OFF RIG FLOOR	-11.38
LINER STRING WEIGHT	11K	TUBING BOTTOM	4745.22

Iso Pak Open Hole
Packer #5 @ 3167'

Strata Port #4 w/ 2.06" ID
@ 3330' Shear press:
2121 psig

Iso Pak Open Hole
Packer #4 @ 3493'

Strata Port #3 w/ 1.81" ID
@ 3659' Shear press:
2121 psig

Iso Pak Open Hole
Packer #3 @ 3858'

Strata Port #2 w/ 1.56"
ID @ 4023' Shear press:
2121 psig

Iso Pak Open Hole
Packer #2 @ 4188'

Strata Port #1 w/ 1.31" ID
@ 4384' Shear press: 2121
psig

Iso Pak Open Hole
Packer #1 @ 4548'

Peak Hydro Pak Anchor @
4680'

Pump Out Plug @ 4745'
Shear Press: 3380 psig

Total measured depth
@ 4918'

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