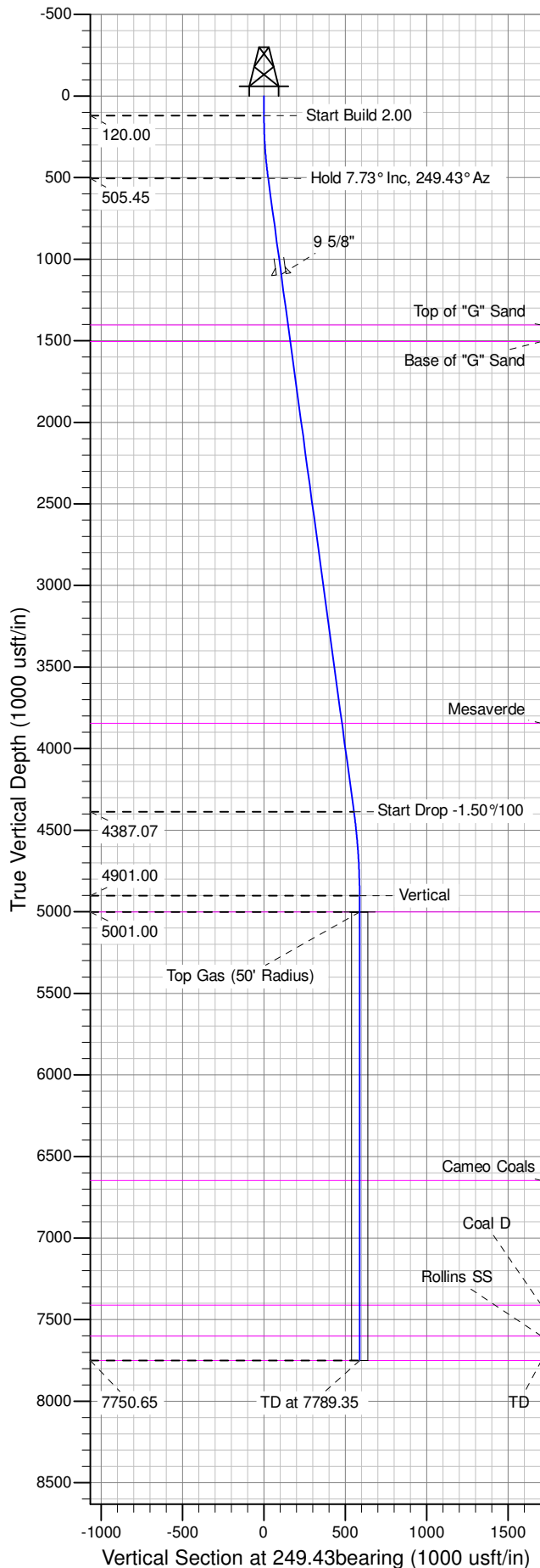
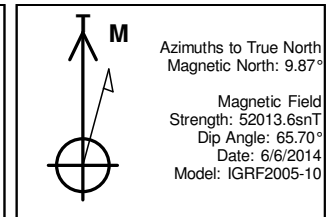
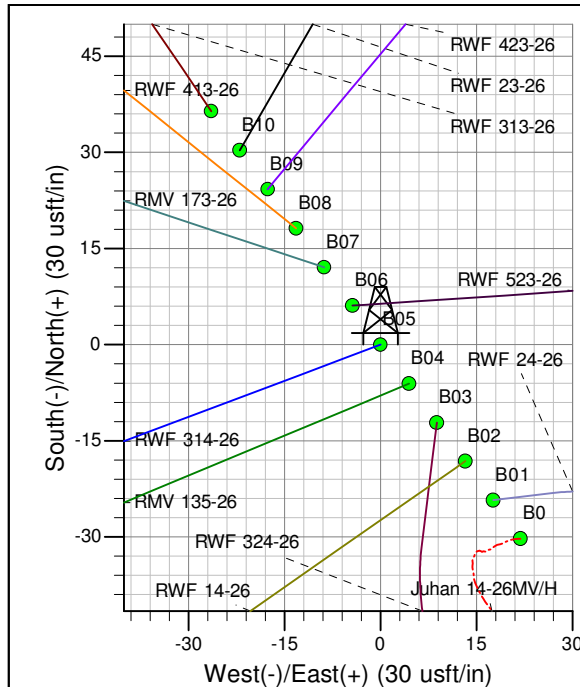
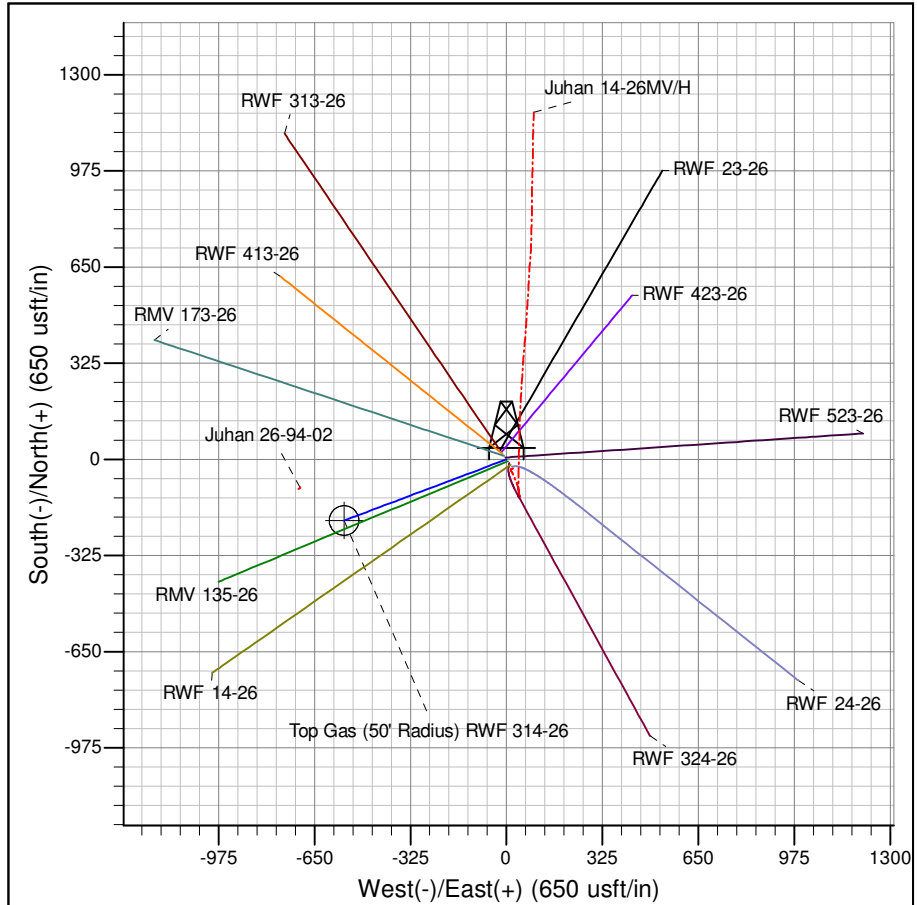




Well Name: RWF 314-26
Surface Location: JUHAN 14-26H Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 5350.00
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.00 0.00 1612791.30000 2334148.30000 39.49215 -107.85964 B05
KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)



ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation	
120.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00	Hold 7.73° Inc, 249.43° Az
505.45	506.62	7.73	249.43	-9.15	-24.39	26.05	26.05	Hold 7.73° Inc, 249.43° Az	Start Drop -1.50°/100
4387.07	4423.86	7.73	249.43	-194.37	-517.83	553.10	553.10	Vertical	Top Gas
4901.00	4939.35	0.00	0.00	-206.57	-550.34	587.83	587.83	Top Gas	TD at 7789.35
5001.00	5039.35	0.00	0.00	-206.57	-550.34	587.83	587.83	Top Gas	
7750.65	7789.00	0.00	0.00	-206.57	-550.34	587.83	587.83	Top Gas	



Project: RU 26-06S-094W
Site: JUHAN 14-26H Pad
Well: RWF 314-26
Plan #1 06Jun14 mab

PICEANCE VLY NAD 83

RU 26-06S-094W

JUHAN 14-26H Pad

RWF 314-26 - Slot B05

Wellbore #1

Plan: Plan #1 06Jun14 mab

Standard Planning Report - Geographic

15 August, 2014

WPX
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well RWF 314-26 - Slot B05
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Project:	RU 26-06S-094W	MD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Site:	JUHAN 14-26H Pad	North Reference:	True
Well:	RWF 314-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 06Jun14 mab		

Project	RU 26-06S-094W		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		Using geodetic scale factor

Site	JUHAN 14-26H Pad			
Site Position:		Northing:	1,612,760.48182 usft	Latitude: 39.49206
From: Map		Easting:	2,334,169.39807 usft	Longitude: -107.85956
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence: -1.49 °

Well	RWF 314-26 - Slot B05			
Well Position	+N/-S	0.00 usft	Northing:	1,612,791.30000 usft
	+E/-W	0.00 usft	Easting:	2,334,148.30000 usft
Position Uncertainty	0.00 usft		Wellhead Elevation:	0.00 usft
			Ground Level:	5,350.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	6/6/2014	9.87	65.70	52,014

Design	Plan #1 06Jun14 mab			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (bearing)
	0.00	0.00	0.00	249.43

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	
506.62	7.73	249.43	505.45	-9.15	-24.39	2.00	2.00	0.00	249.43	
4,423.86	7.73	249.43	4,387.07	-194.37	-517.83	0.00	0.00	0.00	0.00	
4,939.35	0.00	0.00	4,901.00	-206.57	-550.34	1.50	-1.50	0.00	180.00	
5,039.35	0.00	0.00	5,001.00	-206.57	-550.34	0.00	0.00	0.00	0.00	Top Gas (50' Radius)
7,789.35	0.00	0.00	7,751.00	-206.57	-550.34	0.00	0.00	0.00	0.00	

WPX
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well RWF 314-26 - Slot B05
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Project:	RU 26-06S-094W	MD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Site:	JUHAN 14-26H Pad	North Reference:	True
Well:	RWF 314-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 06Jun14 mab		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
0.00	0.00	0.00	0.00	0.00	0.00	1,612,791.30000	2,334,148.30000	39.49215	-107.85964	
120.00	0.00	0.00	120.00	0.00	0.00	1,612,791.30000	2,334,148.30000	39.49215	-107.85964	
Start Build 2.00										
200.00	1.60	249.43	199.99	-0.39	-1.05	1,612,790.93481	2,334,147.24450	39.49215	-107.85964	
400.00	5.60	249.43	399.55	-4.80	-12.80	1,612,786.82961	2,334,135.37957	39.49213	-107.85968	
506.62	7.73	249.43	505.45	-9.15	-24.39	1,612,782.78294	2,334,123.68385	39.49212	-107.85972	
Hold 7.73° Inc, 249.43° Az										
600.00	7.73	249.43	597.98	-13.57	-36.15	1,612,778.67506	2,334,111.81118	39.49211	-107.85977	
800.00	7.73	249.43	796.16	-23.03	-61.34	1,612,769.87668	2,334,086.38191	39.49208	-107.85986	
1,000.00	7.73	249.43	994.34	-32.48	-86.54	1,612,761.07829	2,334,060.95264	39.49206	-107.85994	
1,100.00	7.73	249.43	1,093.43	-37.21	-99.13	1,612,756.67909	2,334,048.23801	39.49205	-107.85999	
9 5/8"										
1,200.00	7.73	249.43	1,192.52	-41.94	-111.73	1,612,752.27990	2,334,035.52337	39.49203	-107.86003	
1,400.00	7.73	249.43	1,390.70	-51.39	-136.92	1,612,743.48151	2,334,010.09410	39.49201	-107.86012	
1,414.43	7.73	249.43	1,405.00	-52.08	-138.74	1,612,742.84683	2,334,008.25976	39.49201	-107.86013	
Top of "G" Sand										
1,515.34	7.73	249.43	1,505.00	-56.85	-151.45	1,612,738.40727	2,333,995.42845	39.49199	-107.86017	
Base of "G" Sand										
1,600.00	7.73	249.43	1,588.89	-60.85	-162.12	1,612,734.68312	2,333,984.66483	39.49198	-107.86021	
1,800.00	7.73	249.43	1,787.07	-70.31	-187.31	1,612,725.88473	2,333,959.23557	39.49195	-107.86030	
2,000.00	7.73	249.43	1,985.25	-79.76	-212.50	1,612,717.08634	2,333,933.80630	39.49193	-107.86039	
2,200.00	7.73	249.43	2,183.43	-89.22	-237.70	1,612,708.28795	2,333,908.37703	39.49190	-107.86048	
2,400.00	7.73	249.43	2,381.61	-98.67	-262.89	1,612,699.48956	2,333,882.94776	39.49188	-107.86057	
2,600.00	7.73	249.43	2,579.79	-108.13	-288.08	1,612,690.69117	2,333,857.51849	39.49185	-107.86066	
2,800.00	7.73	249.43	2,777.97	-117.59	-313.28	1,612,681.89278	2,333,832.08922	39.49183	-107.86075	
3,000.00	7.73	249.43	2,976.16	-127.04	-338.47	1,612,673.09439	2,333,806.65996	39.49180	-107.86084	
3,200.00	7.73	249.43	3,174.34	-136.50	-363.66	1,612,664.29600	2,333,781.23069	39.49177	-107.86093	
3,400.00	7.73	249.43	3,372.52	-145.96	-388.86	1,612,655.49761	2,333,755.80142	39.49175	-107.86102	
3,600.00	7.73	249.43	3,570.70	-155.41	-414.05	1,612,646.69922	2,333,730.37216	39.49172	-107.86110	
3,800.00	7.73	249.43	3,768.88	-164.87	-439.24	1,612,637.90083	2,333,704.94289	39.49170	-107.86119	
3,876.82	7.73	249.43	3,845.00	-168.50	-448.92	1,612,634.52150	2,333,695.17588	39.49169	-107.86123	
Mesaverde										
4,000.00	7.73	249.43	3,967.06	-174.32	-464.43	1,612,629.10244	2,333,679.51363	39.49167	-107.86128	
4,200.00	7.73	249.43	4,165.24	-183.78	-489.63	1,612,620.30405	2,333,654.08436	39.49164	-107.86137	
4,400.00	7.73	249.43	4,363.43	-193.24	-514.82	1,612,611.50566	2,333,628.65509	39.49162	-107.86146	
4,423.86	7.73	249.43	4,387.07	-194.37	-517.83	1,612,610.45608	2,333,625.62155	39.49161	-107.86147	
Start Drop -1.50°/100										
4,600.00	5.09	249.43	4,562.09	-201.28	-536.24	1,612,604.02560	2,333,607.03606	39.49160	-107.86154	
4,800.00	2.09	249.43	4,761.68	-205.68	-547.96	1,612,599.93106	2,333,595.20194	39.49158	-107.86158	
4,939.35	0.00	0.00	4,901.00	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159	
Vertical										
5,000.00	0.00	0.00	4,961.65	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159	
5,039.35	0.00	0.00	5,001.00	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159	
Top Gas - Approx. Top Gas										
5,200.00	0.00	0.00	5,161.65	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159	
5,400.00	0.00	0.00	5,361.65	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159	
5,600.00	0.00	0.00	5,561.65	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159	
5,800.00	0.00	0.00	5,761.65	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159	
6,000.00	0.00	0.00	5,961.65	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159	
6,200.00	0.00	0.00	6,161.65	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159	
6,400.00	0.00	0.00	6,361.65	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159	
6,600.00	0.00	0.00	6,561.65	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159	

WPX
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well RWF 314-26 - Slot B05
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Project:	RU 26-06S-094W	MD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Site:	JUHAN 14-26H Pad	North Reference:	True
Well:	RWF 314-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 06Jun14 mab		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,685.35	0.00	0.00	6,647.00	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159
Cameo Coals									
6,800.00	0.00	0.00	6,761.65	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159
7,000.00	0.00	0.00	6,961.65	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159
7,200.00	0.00	0.00	7,161.65	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159
7,400.00	0.00	0.00	7,361.65	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159
7,449.35	0.00	0.00	7,411.00	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159
Coal D									
7,600.00	0.00	0.00	7,561.65	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159
7,639.35	0.00	0.00	7,601.00	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159
Rollins SS									
7,789.35	0.00	0.00	7,751.00	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159
TD at 7789.35 - TD									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (bearing)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
Top Gas (50' Radius) RV	0.00	0.00	5,001.00	-206.57	-550.34	1,612,599.10000	2,333,592.80000	39.49158	-107.86159
- plan hits target center									
- Circle (radius 50.00)									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diameter (in)	
1,100.00	1,093.43	9 5/8"	9.625	13.500	

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (bearing)	
1,414.43	1,405.00	Top of "G" Sand				
1,515.34	1,505.00	Base of "G" Sand				
3,876.82	3,845.00	Mesaverde				
5,039.35	5,001.00	Approx. Top Gas				
6,685.35	6,647.00	Cameo Coals				
7,449.35	7,411.00	Coal D				
7,639.35	7,601.00	Rollins SS				
7,789.35	7,751.00	TD				

WPX
Planning Report - Geographic

Database:	COMPASS-PICEANCE	Local Co-ordinate Reference:	Well RWF 314-26 - Slot B05
Company:	PICEANCE VLY NAD 83	TVD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Project:	RU 26-06S-094W	MD Reference:	KELLY BUSHING @ 5376.00usft (Nabors 577 (26' RKB) mab)
Site:	JUHAN 14-26H Pad	North Reference:	True
Well:	RWF 314-26	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 06Jun14 mab		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
120.00	120.00	0.00	0.00	Start Build 2.00
506.62	505.45	-9.15	-24.39	Hold 7.73° Inc, 249.43° Az
4,423.86	4,387.07	-194.37	-517.83	Start Drop -1.50°/100
4,939.35	4,901.00	-206.57	-550.34	Vertical
5,039.35	5,001.00	-206.57	-550.34	Top Gas
7,789.35	7,751.00	-206.57	-550.34	TD at 7789.35