

Results of Directional Survey

API number:	30-025-41096		
OGRID:		Operator:	CAZA OPERATING, LLC
		Property:	GATEWAY 2 STATE COM # 2H

surface	ULSTR:	D	02	T 19S	R 35E
				525 FNL	660 FWL

BH Loc	ULSTR:	M	02	T 19S	R 35E
13550	MD	9714.5	TVD	569 FSL	632 FWL
				4711 FNL	

Top Perf/OH	ULSTR:	D	02	T 19S	R 35E
9602	MD	9444.0	TVD	775 FNL	711 FWL

Bot Perf/OH	ULSTR:	M	02	T 19S	R 35E
13364	MD	9695.8	TVD	754 FSL	639 FWL
				4526 FNL	

	MD	N/S	E/W	VD
	9580	-228.35	52.20	9438.33
TOP PERFS/OH	9602	-249.59	51.11	9443.97
	9612	-259.24	50.61	9446.53
	13360	-3996.98	-20.70	9695.40
BOT PERFS/OH	13364	-4000.96	-20.85	9695.79
	13455	-4091.46	-24.16	9704.75

NEXT TO LAST	13455	-4091.46	-24.16	9704.75
LAST READING	13550	-4185.87	-28.03	9714.52
TD	13550	-4185.87	-28.03	9714.52

Surface Location	525	FN	660	FW
Projected BHL	4711	FN	632	FW
Location of				
Top Perfs/OH	775	FN	711	FW
Bottom Perfs/OH	4526	FN	639	FW

SUMMARY of Subsurface Locations

Surface Location	D-02-19S-35E	525	FN	660	FW	Vert. Depth
Top Perfs/OH	D-02-19S-35E	775	FN	711	FW	9443.97
Bottom Perfs/OH	M-02-19S-35E	4526	FN	639	FW	9695.79
Projected TD	M-02-19S-35E	4711	FN	632	FW	9714.52

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