

Results of Directional Survey

3 rd Lateral Abandoned

API number:	30-025-39404	3RD LAT	
OGRID:		Operator:	CAZA OPERATING LLC
		Property:	MOORE COWBELL 27 STATE # 1H

surface	ULSTR:	P	27	T 12S	R 32E
		660	FSL	990	FEL

BH Loc	ULSTR:	O	27	T 12S	R 32E
		622	FSL	2534	FEL

Top Perf/OH	ULSTR:	P	27	T 12S	R 32E
		8273	537	FSL	970
				FEL	

Bot Perf/OH	ULSTR:	O	27	T 12S	R 32E
		10081	622	FSL	2534
				FEL	

	MD	N/S	E/W	VD
	8200	-123.07	28.20	8197.67
TOP PERFS/OH	8273	-122.65	19.51	8269.90
	8364	-122.13	8.67	8359.95
	9965	-36.44	-1428.17	8747.66
BOT PERFS/OH	10081	-37.71	-1543.95	8754.62
	9997	-36.79	-1460.11	8749.58

NEXT TO LAST	9965	-36.44	-1428.17	8747.66
LAST READING	9997	-36.79	-1460.11	8749.58
TD	10081	-37.71	-1543.95	8754.62

Surface Location	660	FS	990	FE
Projected BHL	622	FS	2534	FE
Location of				
Top Perfs/OH	537	FS	970	FE
Bottom Perfs/OH	622	FS	2534	FE

SUMMARY of Subsurface Locations

Surface Location	P-27-12S-32E	660	FS	990	FE	Vert. Depth
Top Perfs/OH	P-27-12S-32E	537	FS	970	FE	8269.90
Bottom Perfs/OH	O-27-12S-32E	622	FS	2534	FE	8754.62
Projected TD	O-27-12S-32E	622	FS	2534	FE	8754.62