

Results of Directional Survey

DD

API number:	30-025-36689	(TUBB PERFORATIONS)
OGRID:		Operator: <i>APACHE CORP</i>
	Property:	WHITE OWL # 1D

surface	ULSTR:	D	02	T 20S	R 38E
				582 FNL	330 FWL

BH Loc	ULSTR:	D	02	T 20S	R 38E
7741	MD	7601.2	TVD	1268 FNL	335 FWL

Top Perf/OH	ULSTR:	D	02	T 20S	R 38E
6802	MD	6744.3	TVD	1014 FNL	333 FWL

Bot Perf/OH	ULSTR:	D	02	T 20S	R 38E
6890	MD	6828.9	TVD	1039 FNL	333 FWL

	MD	N/S	E/W	VD
	6778	-425.37	3.00	6721.27
TOP PERFS/OH	6802	-431.99	3.00	6744.34
	6842	-443.01	3.01	6782.79
	6842	-443.01	3.01	6782.79
BOT PERFS/OH	6890	-456.53	2.93	6828.85
	6906	-461.03	2.90	6844.20

NEXT TO LAST	7692	-672.54	5.04	7513.66
LAST READING	7741	-686.05	4.93	7601.18
TD	7741	-686.05	4.93	7601.18

Surface Location	582	FN	330	FW
Projected BHL	1268	FN	335	FW
Location of				
Top Perfs/OH	1014	FN	333	FW
Bottom Perfs/OH	1039	FN	333	FW

SUMMARY of Subsurface Locations

Surface Location	D-02-20S-38E	582	FN	330	FW	Vert. Depth
Top Perfs/OH	D-02-20S-38E	1014	FN	333	FW	6744.34
Bottom Perfs/OH	D-02-20S-38E	1039	FN	333	FW	6828.85
Projected TD	D-02-20S-38E	1268	FN	335	FW	7601.18

SEP 09 2013

Results of Directional Survey

DD

API number:	30-025-36689	(DRINKARD PERFS)
OGRID:		Operator: <i>APACHE CORP</i>
	Property:	WHITE OWL # 1

surface	ULSTR:	D	02	T 20S	R 38E
				582 FNL	330 FWL

BH Loc	ULSTR:	D	02	T 20S	R 38E
7741	MD	7601.2	TVD	1268 FNL	335 FWL

Top Perf/OH	ULSTR:	D	02	T 20S	R 38E
6986	MD	6921.1	TVD	1065 FNL	333 FWL

Bot Perf/OH	ULSTR:	D	02	T 20S	R 38E
7106	MD	7036.7	TVD	1097 FNL	332 FWL

	MD	N/S	E/W	VD
	6968	-478.17	2.91	6903.79
TOP PERFS/OH	6986	-483.04	2.88	6921.12
	7032	-495.48	2.79	6965.40
	7094	-512.10	2.53	7025.13
BOT PERFS/OH	7106	-515.27	2.45	7036.71
	7157	-528.72	2.11	7085.90

NEXT TO LAST	7692	-672.54	5.04	7513.66
LAST READING	7741	-686.05	4.93	7601.18
TD	7741	-686.05	4.93	7601.18

Surface Location	582	FN	330	FW
Projected BHL	1268	FN	335	FW
Location of				
Top Perfs/OH	1065	FN	333	FW
Bottom Perfs/OH	1097	FN	332	FW

SUMMARY of Subsurface Locations

Surface Location	D-02-20S-38E	582	FN	330	FW	Vert. Depth
Top Perfs/OH	D-02-20S-38E	1065	FN	333	FW	6921.12
Bottom Perfs/OH	D-02-20S-38E	1097	FN	332	FW	7036.71
Projected TD	D-02-20S-38E	1268	FN	335	FW	7601.18

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