

Results of Directional Survey

API number:	30-025-40015		
OGRID:		Operator:	DEVON ENERGY PRODUCTION COMPANY, LP
		Property:	THISTLE UNIT # 20H

surface	ULSTR:	D	28	T	23S	R	33E
				150	FNL	150	FWL

BH Loc	ULSTR:	M	28	T	23S	R	33E
13800	MD	9061.2	TVD	5122	FNL	1286	FWL

Top Perf/OH	ULSTR:	D	28	T	23S	R	33E
9563	MD	9023.7	TVD	973	FNL	429	FWL

Bot Perf/OH	ULSTR:	M	28	T	23S	R	33E
13648	MD	9061.5	TVD	4973	FNL	1254	FWL

	MD	N/S	E/W	VD
	9537	-797.65	273.54	9024.67
TOP PERFS/OH	9563	-823.14	278.56	9023.72
	9569	-829.02	279.72	9023.50
	13576	-4752.69	1088.53	9060.71
BOT PERFS/OH	13648	-4823.10	1103.57	9061.49
	13668	-4842.66	1107.75	9061.71

NEXT TO LAST	13668	-4842.66	1107.75	9061.71
LAST READING	13745	-4917.91	1124.07	9061.42
TD	13800	-4971.66	1135.73	9061.21

Surface Location	150	FN	150	FW
Projected BHL	5122	FN	1286	FW
Location of				
Top Perfs/OH	973	FN	429	FW
Bottom Perfs/OH	4973	FN	1254	FW

SUMMARY of Subsurface Locations

Surface Location	D-28-23S-33E	150	FN	150	FW	Vert. Depth
Top Perfs/OH	D-28-23S-33E	973	FN	429	FW	9023.72
Bottom Perfs/OH	M-28-23S-33E	4973	FN	1254	FW	9061.49
Projected TD	M-28-23S-33E	5122	FN	1286	FW	9061.21

**McVAY DRILLING COMPANY**

P.O. Box 2450
Hobbs, New Mexico 88241
(575) 397-3311
FAX: 39-DRILL

HOBBS OCD

Well Name and Num: Thistle Unit 20H
Location: Sec. 27, T23S, R33E
Operator: Devon
Drilling Contractor: McVay Drilling Company

JUL 22 2011**RECEIVED**

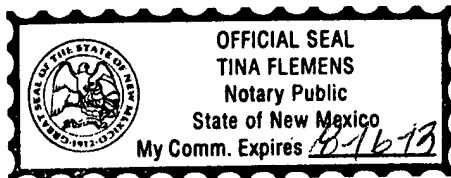
The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>
0.75	201	0.79	4320	62.10	9089	89.30	12159
0.76	389	2.84	4898	68.20	9154	89.80	12282
0.78	552	3.12	4987	75.00	9218	90.10	12405
0.81	755	2.49	5121	86.80	9378	89.80	12466
0.62	546	1.08	5292	88.10	9409	89.80	12529
0.78	1124	1.66	5801	62.40	9601	89.00	12065
0.74	1356	1.20	6264	89.10	9858	88.00	12714
0.93	1587	0.76	6748	89.00	10173	88.10	12838
0.74	1812	1.41	7228	89.10	10205	89.00	12960
1.07	2097	1.54	7709	90.10	10426	89.80	13206
0.63	2351	1.80	8221	89.20	10864	89.10	13329
0.75	2858	1.78	8697	90.10	10987	88.90	13452
1.37	3083	0.87	9172	89.10	11172	89.80	13688
1.41	3336	13.60	8550	88.80	11234	90.20	13745
0.36	3590	28.50	8678	90.10	11418		
0.80	3844	42.20	8836	89.80	11666		
0.85	4066	51.60	8963	89.00	11973		

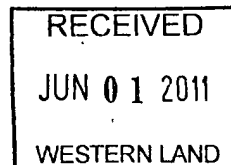
By: H. H. Crum Jr.

Subscribed and sworn to before me this 13th day of May, 2011

Tina Flemens
Notary Public, Lea County, New Mexico



SUR: D-28-23s-33e, 150/N & 150/W
BHL: M-28-23s-33e, 5122/N & 1286/W
API # 30-025-40015

**AUG 23 2011**