

Results of Directional Survey

BLINEBRY PERFS

API number:	30-025-38961		
OGRID:		Operator:	ENCORE OPERATING, LP
		Property:	ENCORE M STATE # 1

surface

ULSTR:	A	30	T	22S	R	37E
		742	FNL	1294	FEL	

BH Loc

ULSTR:	A	30	T	22S	R	37E
		628	FNL	1030	FEL	

	MD	N/S	E/W	VD
	5800	73.43	73.51	5798.49
TOP PERFS/OH	5807	73.58	73.58	5805.49
	5900	75.58	74.55	5898.46
	6100	79.97	76.86	6098.4
BOT PERFS/OH	6104	80.05	76.91	6102.40
	6200	81.91	78.14	6198.37

NEXT TO LAST	11800	126.91	248.71	11794.17
LAST READING	11848	123.83	252.49	11841.93
TD	12000	114.08	264.46	11993.17

Surface Location	742	FN	1294	FE
Projected BHL	628	FN	1030	FE
Location of				
Top Perfs/OH	668	FN	1220	FE
Bottom Perfs/OH	662	FN	1217	FE

SUMMARY of Subsurface Locations

Surface Location	A-30-22S-37E	742	FN	1294	FE	Vert. Depth
Top Perfs/OH	A-30-22S-37E	668	FN	1220	FE	5805.49
Bottom Perfs/OH	A-30-22S-37E	662	FN	1217	FE	6102.40
Projected TD	A-30-22S-37E	628	FN	1030	FE	11993.17

11/11/11

**McVAY DRILLING COMPANY**

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

30-025-38961

Well Name and Num: Encore M State #1
Location: Sec 30, T22S, R37E
Operator: Encore Operating
Drilling Contractor: McVay Drilling Company

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>
0.25	209	0.50	4450	3.50	8237	1.3	11154
0.25	363	1.00	4700	3.50	8477	1.20	11323
1.25	678	0.75	5141	1.25	8633	1.80	11516
0.50	905	1.50	5391	0.50	8760	6.00	11871
0.50	1125	1.25	5615	1.50	9106	6.50	11890
0.58	1382	1.00	5877	0.50	9169	7.00	11965
1.00	1885	1.50	6142	0.50	9232		
1.75	2255	1.00	6368	0.50	9325		
2.25	2606	1.00	6498	1.00	9418		
2.00	2727	1.50	6754	1.00	9480		
2.50	2856	1.75	6989	1.00	9542		
3.00	2903	1.75	7025	0.75	9751		
1.99	2997	1.50	7152	1.50	9978		
1.94	3122	2.25	7372	1.25	10240		
1.69	3248	2.50	7653	0.75	10354		
1.66	3373	2.00	7748	1.25	10464		
1.44	3498	3.00	7866	2.25	10570		
1.20	3624	3.50	7942	3.30	10662		
1.30	2749	5.00	8051	2.00	10779		
0.67	3993	4.75	8142	1.00	11038		

Drilling Contractor: McVay Drilling Company

By: H. H. [Signature]

Subscribed and sworn to before me this 20 day of August, 2008

Angela D. Sloan
Notary Public

My Commission Expires: 4/8/2012 Lea County, New Mexico



OFFICIAL SEAL
ANGELA D. SLOAN
NOTARY PUBLIC-STATE OF NEW MEXICO
My Commission Expires: 4/8/12

KZ