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SURVEY CALCULATION PROGRAM

MDT.02.01	<b>N</b>	Direction	2	nal			Minimu	Minimum Curviture					File:			
	OPERATOR:	<b>OPERATOR:</b> Lime Rock Resources	sources							Target Information	matio		VS Re	ferenced to	VS Referenced to Offset from Surface	urface
	WELL:	WELL: Everest 140 Wells No.	Vells No.7						TAR	TARGET KBTVD:	4350.00	8	NOR	NORTH/SOUTH:	3.16	8
	LOCATION: Eddy NM	Eddy NM							11	TARGET INCL:	6.20	0	Ð	EAST/WEST:	18.46	9
	RG	United 33							2	TARGET AZM:	79.12	2	Ē	tter O' N and	(Enter 0' N and 0' E for Surface)	(ee)
	JOB NUMBER: 11X16006	1X16006										L				
		SURVEY COMPANY	PANY			DIRECTIO	DIRECTIONAL COMPANY		<u>ل</u>	PROPOSED DIRECTION:	RECTION:	79.12		Dec / To	Dec / Total Corr.(+/-):	7.44
		Accel (ISVS) Directional Dellare	() Nora			Accel				5	COMMENTS:					
			e IPU													
		I not Date Branch					40 Mine 16 7									
		TURE KOX MARIN	TRUE	TEMP API	Course	L WE CON	EVECTOR 140 AV ONE NO./		Surface	CLOSURE	URE	DLSI	BURI	TVD AT 0	ABOVE (+)	RIGHT(+)
SVY	QW	INC	AZM	0		2	N-S	E-W	Vert Sect	DIST	BR	8	100	V. SEC.	BELOW (-)	LEFT(-)
THE IN	0	0.0	0.0		0	0.00	0.00	0.00		0.00	0.00	N/A	N/A			
-	0	0.0	0.0	0												
2	437	4.4	295.9	80	437	436.57	7.33	-15.09	-13.43	16.77	295.90	1.01	1.01	560.22	3789.78	-10.05
9	459	4.6	302.4	80	22	458.50	8.17	-16.59	-14.75	18.49	296.21	2.49	0.91	594,29	3755.71	-11.16
4	491	5.0	313.5	80	32	490.39	9.81	-18.69	-16.50	21.11	297.71	3.15	1.25	642.25	3707.75	-13.17
4	523	5.9	326.1	80	32	522.25	12.14	-20.61	-17.95	23.92	300.49	4.66	2.81	687.51	3662.49	-15.82
£	556	7.3	338.3	80	33	555.03	15.50	-22.34	-19.01	27.18	304.75	5.98	4.24	730.02	3619.98	-19.44
9	588	7.7	350.0	80	32	586.76	19.50	-23.46	-19.36	30.50	309.73	4.92	1.25	764.96	3585.04	-23.58
7	620	6.9	359.3	80	32	618.50	23.53	-23.86	-18.99	33.51	314.61	4.45	-2.50	793.27	3556.73	-27.61
8	652	6.2	2.9	80	32	650.29	27.18	-23.79	-18.23	36.12	318.80	2.54	-2.19	818.14	3531.86	-31.18
0	684	5.5	13.2	87	32	682.12	30.40	-23.35	-17.20	38.33	322.46	3.93	-2.19	840,43	3509.57	-34.26
10	716	5.7	25.7	87	32	713.97	33.32	-22.32	-15.62	40.10	326.19	3.85	0.63	857.80	3492.20	-36.94
ŧ	748	6.8	42.4	87	32	745.78	36.15	-20.35	-13.16	41.49	330.63	6.60	3.44	866.91	3483.09	-39.35
à	780	8.4	58.9	95	32	777.51	38.76	-17.07	-9.45	42.35	336.23	8.4]	5.00	864.46	3485.54	41.29
13	812	9.6	6.7.9	95	32	809.11	40.97	-12.59	4.63	42.86	342.91	5.77	3.75	851.78	3498.22	-42.62
14	854	10.7	71.4	87	42	850.46	43.53	-5.65	2.66	43.90	352.60	3.00	2.62	825.93	3524.07	-43.82
15	1,013	9.5	94.6	95	159	1007.05	47.19	21.43	29.95	51.83	24.42	2.65	-0.75	731.37	3618.63	42.30
16	1,109	5.6	101.5	95	96	1101.97	45.27	35.63	43.53	57.61	38.20	2.16	-1.88	701.26	3648.74	-37.74
17	1,205	7.7	100.8	95	8	1197.11	42.78	48.25	55.46	64.48	48.43	0.10	0.00	686.63	3663.37	-32.91
18	1,301	7.3	101.1	95	8	1292.29	40.41	60.55	61.09	72.79	56.28	0.42	-0.42	674.74	3675.26	-28.25
19	1,396	7.0	99.4	95	95	1386.55	38.30	72.18	78.11	81.71	62.05	0.39	-0.32	667.49	3682.51	-23.99
20	1,492	7.3	98.3	95	96	1481.80	36.46	83,99	89.36	91.56	66.53	0.34	0.31	659.21	3690.79	-19.96
21	1,588	7.5	97.8	95	8	1577.00	34.73	96.23	101.06	102.31	70.15	0.22	0.21	646.75	3703.25	-15.95
23	1,684	7.5	97.8	95	8	1672.18	33.03	108.65	112.93	113.56	73.09	0.00	0.00	632.66	3717.34	-11.93
23	1,780	7.6	94.8	95	8	1767.35	31.65	121.18	124.98	125.24	75.36	0.42	0.10	616.93	3733.07	-8.21
24	1,877	8.2	94.4	95	6	1863.43	30.58	134.47	137.82	137.90	77.19	0.62	0.62	594.73	3755.27	4.65
25	1,973	6.2	2.67	102	96	1958.67	31.00	146.39	149.61	149.64	78.04	2.83	-2.08	581.45	3768.55	-2.82
8	2,069	6.6	78.1	102	8	2054.07	33.08	156.89	160.31	160.34	78.09	0.45	0.42	578.36	3771.64	-2.88
27	2,165	6.5	6.67	102	8	2149.45	35.17	167.64	171.26	171.29	78.15	0.24	-0.10	572.94	3777.06	-2.90
28	2,261	5.3	87.6	102	8	2244.94	36.31	177.42	181.08	181.10	78.43	1.49	-1.25	578.04	3771.96	-2.18
29	2,356	4.0	87.4	102	95	2339.62	36.65	185.11	188.70	188.70	78.80	1.37	-1.37	602.60	3747.40	-1.05
30	2,453	1:1	121.7	95	26	2436.52	36.31	189.28	192.74	192.74	79.14	3.25	-2.99	662.35	3687.65	0.07
31	2,549	0.6	38.1	95	8	2532.51	36.22	190.38	193.79	193.79	79.23	1.24	-0.52	748.61	3601.39	0.36
32	2,645	1.1	5.6	95	8	2628.50	37.53	190.78	194.43	194.44	78.87	0.70	0.52	838.70	3511.30	-0.85
33	2,742	0.8	113.1	95	67	2725.50	38.20	191.49	195.26	195.27	78.72	1.59	-0.31	928.09	3421.91	-1.37
34	2,838	0.8	109.6	95	8	2821.49	37.71	192.74	196.39	196.39	78.93	0.05	0.00	1013.65	3336.35	-0.65
35	2,933	1.0	103.1	95	95	2916.47	37.30	194.17	197.72	197.72	79.13	0.24	0.21	1096.41	3253.59	0.02
36	3,028	0.5	192.2	95	95	3011.47	36.70	194.89	198.32	198.32	79.33	1.17	-0.53	1185.92	3164.08	0.74

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MM OIL CONSERVATION

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## SURVEY CALCULATION PROGRAM

	face			(	7.44				RIGHT(+)	1 19	1.32	1.49	1.75	1.94	1.65	0.97	-0.30	-0.20	1.07	1.10	0.48	-0.09									$\int$	4	_	5						
	VS Referenced to Offset from Surface	3.16	16.45	(Enter 0' N and 0' E for Surface)	1 Corr.(++):					3058 11	2944.81	2833.88	2721.52	17.002	2382.76				1990.13	1906.32		1736.34										¥								
	sferenced to C	NORTH/SOUTH:	EASTIWEST:	uter 0. N and	Dec / Total Corr.(++):			1"		V. SEC.				1 /44.73			2186.24	2279.73	2359.87	2443.68	2529.68	2613.66																		
File:	VS R	NOR	mli	8					BUR	190 190	-0.10	0.11	-0.21	0.10	0.00	0.21	0.00	0.31	-0.42	-0.42	0.10	0.00																		
		80	0	2	79.12				DLS	<b>8</b> 8	0.10	0.11	0.23	0.080	0.23	0.33	0.55	2.81	0.66	0.99	0.16	0.00																		
	nation	4350.00	6.20	21.6/	RECTION:	MMENTS:			RE	79.47	79.51	79.56	79.64	07.67	79.63	79.42	79.03	79.06	79.45	79.46	79.27	79.09																		
	Target Information	TARGET KBTVD:	TARGET INCL:	TARGET AZM:	ROPOSED DI	COMMENTS:			CLOSURE	197 24	195.47	193.74	192.07	190.41 188 74	187.09	185.42	183.93	184.20	185.92	187.25	188.33	189.53																		
		TARG	Z	YI .	ā				Surface	Vert Sect 197.23	195.46	193.73	192.06	188 73	187.08	185.42	183.93	184.20	185.92	187.24	188.33	189.53																		
Minimum Curviture					<b>~</b>					103 91	192.20	190.53	188.94	185.70	184.03	182.27	180.57	180.85	182.78	184.09	185.04	186.10																		
Minimu					DIRECTIONAL COMPANY	Accel Directional	COORDINATORS	Everest 140 Wells No.7		36.06	35.59	35.10	34.53	50.45 33 74	33.69	34.04	35.01	34.96	34.04	34.26	35.07	35.86																		
					DIRECTION	Accel D	COORD	 Everest 14		3107.46	3204.44	3299.43	3396.41	047.646 35.5655	3689.37	3783.35	3879.33	3975.32	4071.30	4167.29	4263.28	4358.27																		
									Course	de de de	67	95	62	5 8	8	94	96	96	96	96	96	95																		
									4	°F Gamma 95	<b>35</b>	102	102	č ₹	102	102	95	95	95	102	102	102																		
Directional	85	ło.7								AZM 254.9 9				6 1.162								53.5 1(																		
CTN	k Resource	Everest 140 Wells No.			COMPANY	(Isys)	al Drillers	1 1																																
ire	Lime Roc	Everest 1	Eddy NM	TX16006	SURVEY COMPANY	Accel (Isys)	Directional Drillers	Lirte Rock Resources		2	1.0	1.1	6.0	9. U	1.0	1.2	1.2	1.5	1.1	0.7	0.8	0.8																		
Q	OPERATOR: Lime Rock Resources	MELL:	LOCATION: Eddy NM	JOB NUMBER: TX16006						MD 3.124	3,221	3,316	3,413	3,610	3,706	3,800	3,896	3,992	4,088	4,184	4,280	4,375																		
407 02 01										SW 37	5 8	38	4	14 C4	\$	4	45	46	47	윢	49	BIId	#######################################	######################################	******	########	****	*****	******	****	****		101111111	*****	***	*****	******	#######	*****	

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