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Survey Report

Report Date: March 21, 2006 Client: LCX Energy LLC. Field: Eddy County, NM Nad 83 Structure / Slot: 1625 Sallee #141 / 1625 Sallee #141 Well: 1625 Sallee #141 Borehole: 1625 Sallee #141 UWI/AP#: Survey Name / Date: 1625 Sallee #141_surveys / March 8, 2006 Tort / AHD / DDI / ERD ratio: 165.699° / 4097.34 ft / 6.073 / 0.809 Grid Coordinate System: NAD83 New Mexico State Planes, Eastern Zone, US Feet Location Lat/Long: N 32 55 3.303, W 104 27 43.724 Location Grid N/E Y/X: N 697575.800 ftUS, E 501810.000 ftUS Grid Convergence Angle: -0.07000079° Grid Scale Factor: 0.99991088	Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 90.450° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: RKB TVD Reference Elevation: 0.0 ft relative to Sea Bed / Ground Level Elevation: 0.000 ft relative to Magnetic Declination: 8.664° Total Field Strength: 49500.752 nT Magnetic Dip: 60.802° Declination Date: March 08, 2006 Magnetic Declination Model: IGRF 2005 North Reference: Grid North Total Corr Mag North -> Grid North: +8.734° Local Coordinates Referenced To: Well Head
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Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
Tie-In	4430.00	1.35	82.41	4429.50	-39.85	-17.75	-39.99	43.75	246.06	0.00	78.50M
	4513.00	3.20	78.50	4512.43	-36.61	-17.16	-36.75	40.56	244.97	2.24	75.30M
	4545.00	6.20	75.30	4544.32	-34.07	-16.55	-34.20	37.99	244.18	9.41	-5.98G
	4577.00	10.60	72.80	4575.97	-29.60	-15.24	-29.72	33.39	242.85	13.79	-7.55G
	4609.00	14.10	70.90	4607.23	-23.12	-13.09	-23.22	26.65	240.59	11.01	13.55G
	4640.00	17.80	73.80	4637.03	-15.01	-10.53	-15.10	18.41	235.10	12.21	16.14G
	4672.00	21.50	76.70	4667.16	-4.63	-7.82	-4.69	9.12	210.97	11.95	36.80G
	4704.00	24.60	82.10	4696.61	7.66	-5.55	7.62	9.43	126.08	11.72	41.38G
	4735.00	27.60	87.60	4724.45	21.22	-4.36	21.19	21.63	101.64	12.42	19.77G
	4767.00	31.90	90.50	4752.22	37.09	-4.13	37.06	37.29	96.35	14.17	15.94G
	4798.00	34.70	91.90	4778.13	54.11	-4.49	54.07	54.26	94.75	9.37	14.30G
	4830.00	38.10	93.30	4803.88	73.08	-5.36	73.04	73.23	94.20	10.94	5.57G
	4861.00	41.50	93.80	4827.70	92.89	-6.59	92.84	93.07	94.06	11.02	-16.10G
	4892.00	45.20	92.30	4850.24	114.14	-7.72	114.08	114.35	93.87	12.39	-14.45G
	4924.00	48.40	91.20	4872.14	137.46	-8.42	137.40	137.66	93.51	10.31	-4.08G
	4956.00	51.70	90.90	4892.68	161.99	-8.87	161.92	162.16	93.14	10.34	11.25G
	4988.00	55.00	91.70	4911.78	187.65	-9.46	187.58	187.82	92.89	10.51	-12.82G
	5050.00	61.60	90.00	4944.35	240.37	-10.21	240.30	240.51	92.43	10.90	-4.85G
	5082.00	64.80	89.70	4958.77	268.93	-10.13	268.86	269.05	92.16	10.03	6.32G
	5114.00	67.30	90.00	4971.76	298.17	-10.06	298.10	298.27	91.93	7.86	24.19G
	5145.00	69.60	91.10	4983.15	327.00	-10.34	326.93	327.09	91.81	8.12	41.64G
	5208.00	75.80	96.70	5001.89	386.98	-14.47	386.88	387.15	92.14	12.99	-5.92G
	5239.00	79.60	96.30	5008.49	417.09	-17.90	416.97	417.35	92.46	12.32	-9.16G
	5271.00	83.30	95.70	5013.25	448.58	-21.21	448.43	448.93	92.71	11.71	-24.68G
	5303.00	87.00	94.00	5015.95	480.37	-23.90	480.20	480.79	92.85	12.72	-19.37G
	5334.00	90.70	92.70	5016.57	511.32	-25.71	511.13	511.78	92.88	12.65	-93.00G
	5365.00	90.60	90.80	5016.22	542.30	-26.66	542.11	542.77	92.82	6.14	-137.29G
	5397.00	89.30	89.60	5016.25	574.30	-26.77	574.11	574.73	92.67	5.53	141.35G
	5429.00	88.80	90.00	5016.78	606.30	-26.66	606.11	606.69	92.52	2.00	0.00G
	5460.00	88.90	90.00	5017.40	637.29	-26.66	637.10	637.66	92.40	0.32	180.00G
	5523.00	87.70	90.00	5019.27	700.26	-26.66	700.07	700.58	92.18	1.90	-151.75G
	5587.00	86.40	89.30	5022.57	764.17	-26.27	763.98	764.43	91.97	2.31	98.17G
	5650.00	86.30	90.00	5026.58	827.03	-25.88	826.85	827.26	91.79	1.12	-11.77G
	5713.00	88.70	89.50	5029.32	889.96	-25.61	889.79	890.16	91.65	3.89	36.87G
	5776.00	89.10	89.80	5030.53	952.94	-25.22	952.78	953.11	91.52	0.79	34.70G
	5840.00	90.40	90.70	5030.81	1016.94	-25.50	1016.77	1017.09	91.44	2.47	-153.43G
	5902.00	89.40	90.20	5030.92	1078.94	-25.99	1078.77	1079.08	91.38	1.80	-60.26G
	5965.00	89.80	89.50	5031.36	1141.93	-25.83	1141.77	1142.06	91.30	1.28	-159.45G

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
	6028.00	89.00	89.20	5032.02	1204.92	-25.11	1204.76	1205.02	91.19	1.36	164.07G
	6090.00	87.60	89.60	5033.86	1266.88	-24.46	1266.73	1266.96	91.11	2.35	-63.42G
	6153.00	87.70	89.40	5036.44	1329.82	-23.91	1329.67	1329.89	91.03	0.35	7.13G
	6216.00	89.30	89.60	5038.09	1392.79	-23.36	1392.64	1392.84	90.96	2.56	15.26G
	6279.00	90.40	89.90	5038.26	1455.78	-23.09	1455.64	1455.83	90.91	1.81	-3.81G
	6342.00	91.90	89.80	5036.99	1518.76	-22.92	1518.63	1518.80	90.86	2.39	-114.74G
	6404.00	90.10	85.90	5035.91	1580.67	-20.60	1580.56	1580.69	90.75	6.93	104.74G
	6468.00	89.60	87.80	5036.08	1644.54	-17.08	1644.46	1644.55	90.60	3.07	126.88G
	6531.00	88.70	89.00	5037.01	1707.50	-15.32	1707.43	1707.50	90.51	2.38	160.03G
	6594.00	87.60	89.40	5039.05	1770.45	-14.44	1770.39	1770.45	90.47	1.86	33.68G
	6657.00	88.20	89.80	5041.36	1833.40	-14.00	1833.34	1833.40	90.44	1.14	-138.40G
	6721.00	87.30	89.00	5043.87	1897.34	-13.33	1897.29	1897.34	90.40	1.88	32.00G
	6784.00	88.10	89.50	5046.40	1960.27	-12.51	1960.23	1960.27	90.37	1.50	20.55G
	6847.00	88.90	89.80	5048.05	2023.24	-12.13	2023.21	2023.25	90.34	1.36	-33.69G
	6911.00	89.80	89.20	5048.77	2087.23	-11.57	2087.20	2087.23	90.32	1.69	-140.20G
	6973.00	89.20	88.70	5049.31	2149.20	-10.43	2149.19	2149.21	90.28	1.26	103.26G
	7036.00	88.80	90.40	5050.41	2212.18	-9.94	2212.17	2212.20	90.26	2.77	24.45G
	7099.00	89.90	90.90	5051.13	2275.18	-10.65	2275.16	2275.19	90.27	1.92	12.99G
	7163.00	91.20	91.20	5050.51	2339.17	-11.82	2339.15	2339.18	90.29	2.08	-175.24G
	7227.00	88.80	91.00	5050.51	2403.16	-13.05	2403.13	2403.17	90.31	3.76	-14.04G
	7290.00	89.60	90.80	5051.39	2466.15	-14.04	2466.12	2466.16	90.33	1.31	18.43G
	7353.00	90.20	91.00	5051.50	2529.15	-15.03	2529.11	2529.16	90.34	1.00	164.05G
	7417.00	89.50	91.20	5051.67	2593.15	-16.26	2593.10	2593.15	90.36	1.14	50.20G
	7480.00	90.00	91.80	5051.94	2656.13	-17.91	2656.08	2656.14	90.39	1.24	-151.39G
	7543.00	88.90	91.20	5052.55	2719.12	-19.56	2719.05	2719.12	90.41	1.99	75.97G
	7607.00	89.00	91.60	5053.72	2783.10	-21.12	2783.02	2783.10	90.43	0.64	0.00G
	7670.00	89.10	91.60	5054.77	2846.08	-22.88	2845.99	2846.08	90.46	0.16	36.87G
	7733.00	89.50	91.90	5055.54	2909.06	-24.80	2908.95	2909.06	90.49	0.79	180.00G
	7796.00	89.40	91.90	5056.14	2972.03	-26.89	2971.91	2972.04	90.52	0.16	-26.56G
	7860.00	89.60	91.80	5056.70	3036.01	-28.96	3035.88	3036.02	90.55	0.35	-139.41G
	7922.00	88.20	90.60	5057.89	3097.99	-30.26	3097.85	3098.00	90.56	2.97	18.43G
	7985.00	88.80	90.80	5059.54	3160.97	-31.03	3160.82	3160.98	90.56	1.00	26.56G
	8048.00	89.40	91.10	5060.53	3223.96	-32.07	3223.81	3223.97	90.57	1.06	25.02G
	8111.00	90.90	91.80	5060.36	3286.95	-33.67	3286.79	3286.96	90.59	2.63	-71.55G
	8172.00	91.20	90.90	5059.25	3347.93	-35.10	3347.76	3347.94	90.60	1.55	-163.61G
	8237.00	89.50	90.40	5058.85	3412.93	-35.84	3412.75	3412.94	90.60	2.73	-140.20G
	8299.00	88.90	89.90	5059.71	3474.92	-36.00	3474.74	3474.93	90.59	1.26	116.57G
	8362.00	88.80	90.10	5060.98	3537.90	-36.00	3537.73	3537.91	90.58	0.35	-77.48G
	8426.00	89.00	89.20	5062.21	3601.88	-35.61	3601.72	3601.89	90.57	1.44	-105.27G
	8489.00	88.70	88.10	5063.47	3664.84	-34.13	3664.68	3664.84	90.53	1.81	7.12G
	8551.00	89.50	88.20	5064.45	3726.78	-32.13	3726.64	3726.78	90.49	1.30	-53.13G
	8614.00	89.80	87.80	5064.83	3789.72	-29.93	3789.60	3789.72	90.45	0.79	-12.53G
	8677.00	91.60	87.40	5064.06	3852.64	-27.29	3852.54	3852.64	90.41	2.93	14.03G
	8740.00	92.00	87.50	5062.08	3915.52	-24.49	3915.45	3915.52	90.36	0.65	0.00G
Projected TD	8816.00	92.00	87.50	5059.43	3991.37	-21.17	3991.33	3991.39	90.30	0.00	0.00G

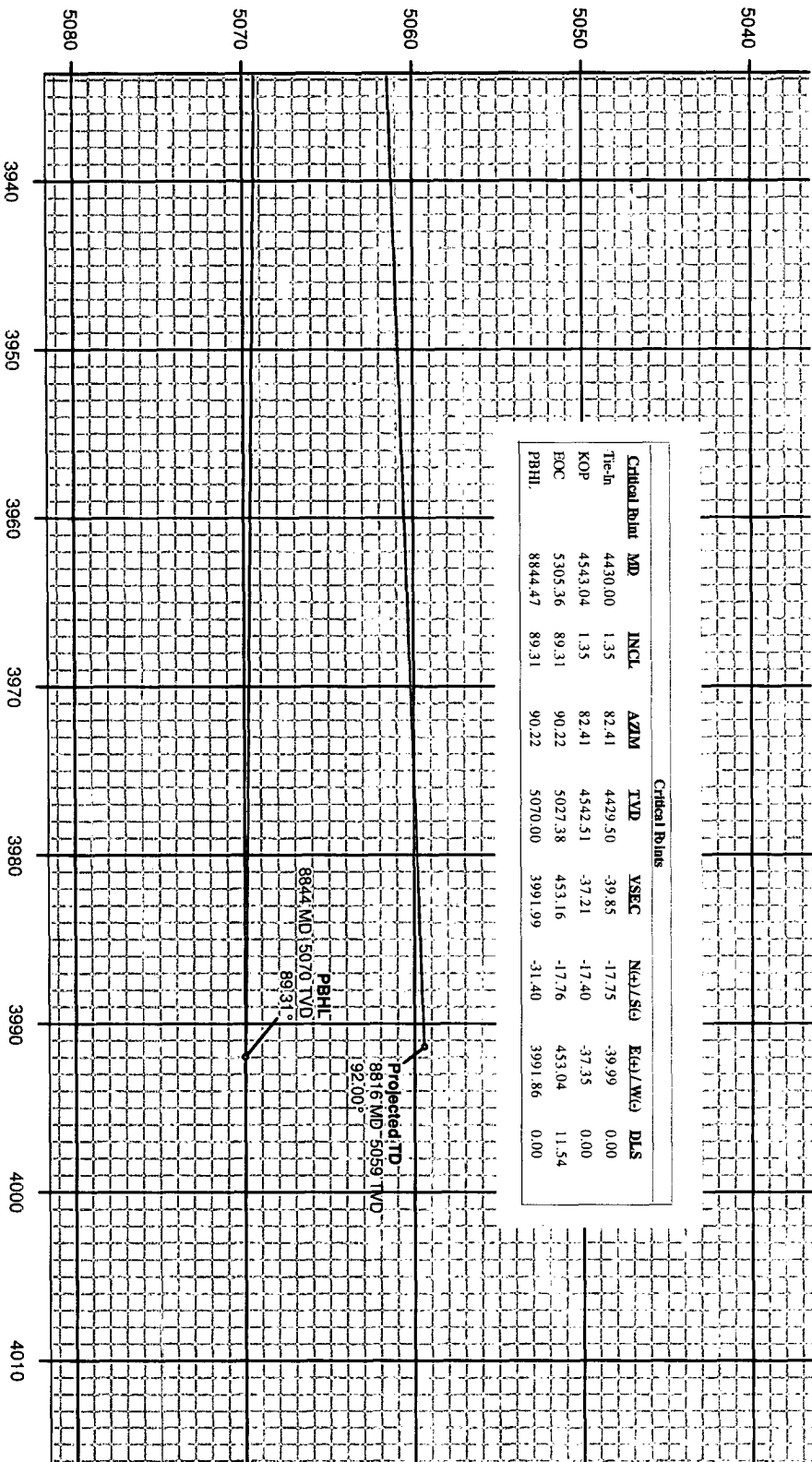
LCX Energy LLC.

WELL 1625 Sallee #141

FIELD Eddy County, NM Nad 83

STRUCTURE 1625 Sallee #141

MapInfo Parameters Model: ICRF 2005	Dip: 60.002° Mag Dec: 48.664°	Date: March 08, 2006 F.S. 48000.8 m	Surface Location Lat: N42 53 3.303 Lon: W104 27 43.724	Neighboring 687575.86 TUS 501810.00 TUS	NAD83 New Mexico State Plane, Eastern Zone, US Foot Grid Coord: -0.0700007° Scale Fact: 0.9999100801	Measurements Sht: 1625 Sallee #141 Pht: 1625 Sallee #141	TVD Ref: PHS (0.00 ft below) Sht Date: Wad 0817 AM March 08, 2006
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Departure (ft) Azim = 90.45°, Scale = 1:10 Origin = 0 N-S, 0 E-W

INTERPID
Directional Drilling Specialists



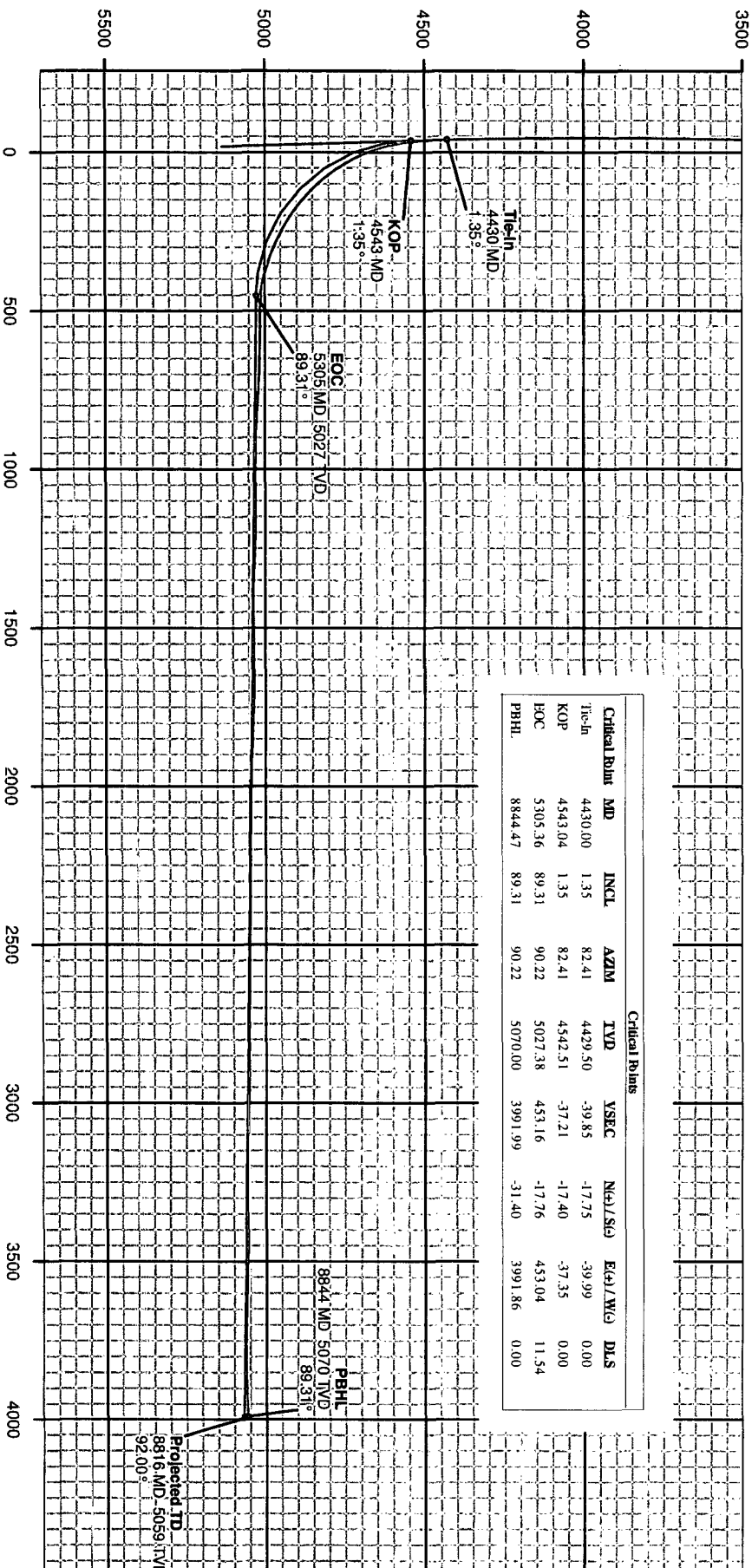
LCX Energy LLC.

WELL 1625 Sallee #141

FIELD Eddy County, NM Nad 83

STRUCTURE 1625 Sallee #141

Magnetic Parameters		Surface Location		Magnetic Declination	
Model:	ICM 2005	Lat:	N25 53.303	Sic:	1625 Sallee #141
Dip:	60 deg	Long:	W104 27.42724	Scale:	1000 ft = 1 in
Mag Dec:	+8 deg	Easting:	501810.00 ft US	SVY Date:	Ward 17.141 March 06, 2006
Dat:	March 06, 2006	Grid Cont:	-0.0700074		
FS:	45000.0 ft	Scale Feet:	0.000010001		



Departure (ft) Azim = 90.45°, Scale = 1:500 Origin = 0 N/S, 0 E/W

INTERPID
Directional Drilling Specialists



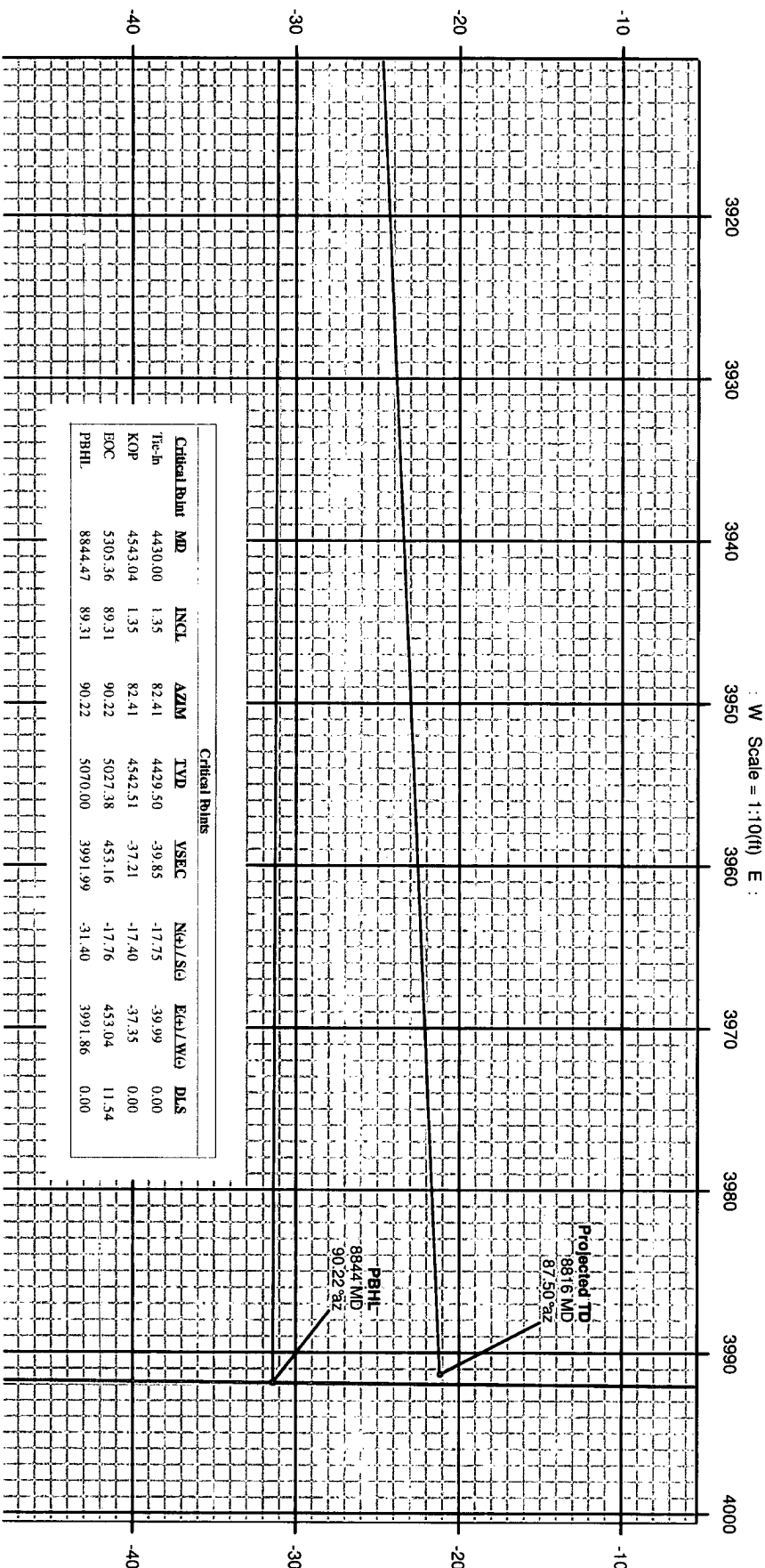
LCX Energy LLC.

WELL 1625 Sallee #141

FIELD Eddy County, NM Nad 83

STRUCTURE 1625 Sallee #141

Magnetic Parameters				Surface Location				Miscellaneous							
Model:	ICRF 2005	Dr:	60 8027	Date:	March 08, 2006	Lat:	N32 53 303	Northng:	892725.86 NTL5	Grid Conv:	-0.0760073"	Shot:	1625 Sallee #141	TYD Ref:	PRD (0.00 n above)
		Mag Dec:	+8 0044	F.S.:	49500.8 17	Lon:	W104 27 43 724	Easting:	501810.00 NTL5	Scale Fact:	0.0098110801	Prior:	1625 Sallee #141	Srv Date:	Wed 08:12 AM March 08, 2006



Critical Points								
Critical Point	MD	INCL	AZIM	TYD	YSEC	N6/S6	E6/W6	DLS
Tic-In	4430.00	1.35	82.41	4429.50	-39.85	-17.75	-39.99	0.00
KOP	4543.04	1.35	82.41	4542.51	-37.21	-17.40	-37.35	0.00
EOC	5305.36	89.31	90.22	5027.38	453.16	-17.76	453.04	11.54
PBHL	8844.47	89.31	90.22	5070.00	3991.99	-31.40	3991.86	0.00

INTERPID
Directional Drilling Specialists



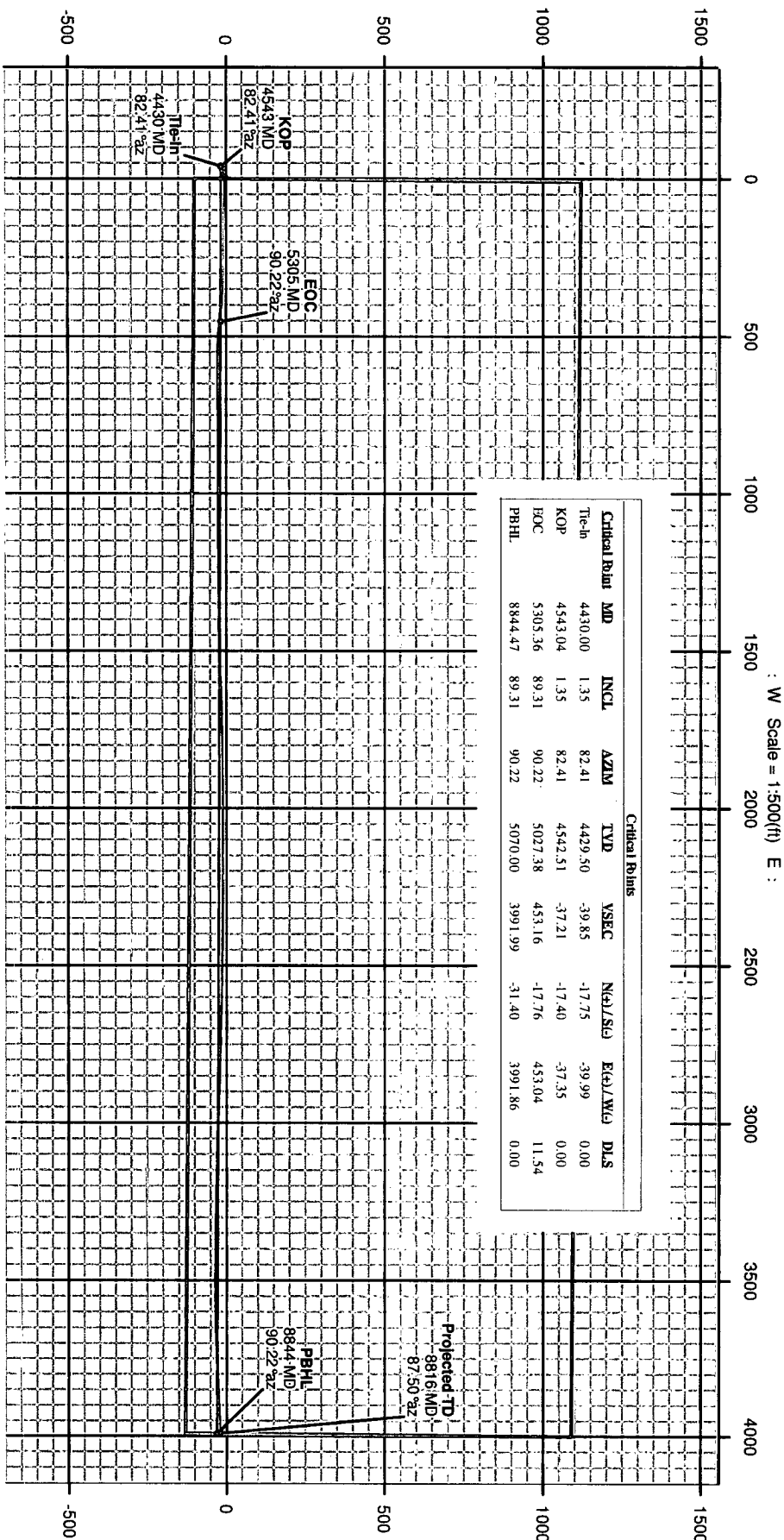
LCX Energy LLC.

WELL 1625 Sallee #141

FIELD Eddy County, NM Nad 83

STRUCTURE 1625 Sallee #141

Map/Drawn: ICHP 2005	Drp: 06.002'	Date: March 06, 2006	Subarea Location: Lft: NAD 83 3.303	Mapping: 69375.00 N/US	Scale: 1" = 100.000000"	Microstation: 1025 Sallee #141	TVD Ref: 1625 Sallee #141
Model: ICHP 2005	Map Date: 04.05.04	FS: 4600.011	Lot: W104 27.83.724	Feature: 5070.00 N/US	Scale: 1" = 100.000000"	Plot: 1025 Sallee #141	SVY Date: 1625 Sallee #141



INTERPID
Directional Drilling Specialists

