

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N French Dr., Hobbs, NM 88240 District II 1301 W Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised June 10, 2003	
		WELL API NO. 30-015-33055		5. Indicate Type of Lease STATE ☒ FEE ☐	
		State Oil & Gas Lease No. 33039			
WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____ b. Type of Completion: NEW ☐ WORK ☐ DEEPEN ☒ PLUG ☐ DIFF. ☐ WELL OVER BACK RESVR. ☐ OTHER				7. Lease Name or Unit Agreement Name STATE 1624 S	
2 Name of Operator LCX Energy, LLC				8. Well No. 291	
3. Address of Operator 110 N. Marienfeld, Ste 200, Midland, TX 79701				9. Pool name or Wildcat COTTONWOOD CREEK; WOLFCAMP	
4. Well Location Unit Letter <u>C</u> : <u>660</u> Feet From The <u>NORTH</u> Line and <u>1980</u> Feet From The <u>WEST</u> Line Section <u>29</u> Township <u>16S</u> Range <u>24E</u> NMPM County <u>EDDY</u>					
10. Date Spudded 03/07/2006	11. Date T.D. Reached 03/14/2006	12. Date Compl. (Ready to Prod.) 06/27/2006	13. Elevations (DF& RKB, RT, GR, etc.) 3699' GR	14. Elev. Casinghead	
15. Total Depth 7435' MD	16. Plug Back T.D. 7493' MD	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools ☒	Cable Tools ☐
19. Producing Interval(s), of this completion - Top, Bottom, Name 4565' - 7305' MD 4590' - 6185'				20. Was Directional Survey Made YES	
21. Type Electric and Other Logs Run N/A			22. Was Well Cored NO		
23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	168'	17 1/2"	305 CL C	CIRC TO SURFACE
9 5/8"	36#	1520'	12 1/4"	1080 CL C	12 SX TO SURFACE
7"	26#	4562'	8 3/4"	487 CL C	TOC @ 1660'
5 1/2"	17#	3685'	7"	N/A	N/A
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
4 1/2"	3685'	7539'	285		
25. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
2 3/8"	4260'	4260'			
26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
7450' - 6910' - 50			DEPTH INTERVAL		
6725' - 6185' - 50			AMOUNT AND KIND MATERIAL USED		
6005' - 5460' - 50			4300 BBL SLICKWATER, 3600 BBL CUT		
5310' - 4590' - 50			BRINE WATER, 500 BBLS 15% HCl ACID,		
			8000# 20/40, 29,300# LITE PROP 125/(20/40)		
28. PRODUCTION					
Date First Production 7/4/2006		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING		Well Status (Prod. or Shut-in) PRODUCING	
Date of Test 07/24/2006	Hours Tested 24	Choke Size 48/64	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 320
Flow Tubing Press. 344	Casing Pressure PKR	Calculated 24-Hour Rate	Oil - Bbl 0	Gas - MCF 320	Water - Bbl. 0
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD				Test Witnessed By BILLWALKER	
30. List Attachments HORIZONTAL					
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief					
Signature <i>Vickie L. Gotcher</i>		Printed Name Vickie L. Gotcher		Title Regulatory Analyst	
E-mail Address vickie@eeronline.com				Date 11/21/2007	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northeastern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 182	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 1238	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb 2791	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo 3462	T.	T. Wingate	T.
T. Wolfcamp 4258		T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 4238 to 4380
 No. 2, from to
 No. 3, from to
 No. 4, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet
 No. 2, from to feet
 No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
1520	1600	80	Anhydrite, Dolomite, Shale				
1600	1640	40	Anhydrite, Dolomite, Sand, Sh				
1640	2040	400	Anhydrite, Dolomite, Shale				
2040	2170	130	Anhydrite, Dolo, Sand, Shale				
2170	2370	200	Dolomite, Anhydrite, Shale				
2370	2450	80	Dolomite, Anhydrite, Shale, Silt				
2450	2880	430	Dolomite, Anhydrite, Shale				
2880	3080	200	Dolomite, Anhydrite, Shale				
3080	3530	450	Dolomite, Anhydrite, Shale				
3530	3620	90	Shale, Dolomite				
3620	3730	110	Dolomite, Shale, Anhydrite				
3730	4050	320	Dolomite, Shale				
4050	4080	30	Dolomite, Anhydrite, Shale				
4080	4565	485	Dolomite, Shale				

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-102
Revised June 10, 2003

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-33055	² Pool Code 33039	³ Pool Name Cottonwood-Creek; Wolfcamp
⁴ Property Code 33039	⁵ Property Name 1624 State	⁶ Well Number 291
⁷ OGRID No. 218885	⁸ Operator Name LCX Energy, LLC	⁹ Elevation 3699'

¹⁰ Surface Location

UL or lot no	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	29	16S	24E		660	North	1980	West	Eddy

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	29	16S	24E		1281.5'	South	1932.5	West	Eddy
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ Penetration point 4885' TUD BHL	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Kanicia David</i> Signature Kanicia David Printed Name Regulatory, kanicia@eeronline.com Title and E-mail Address 7/28/06 Date ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor Certificate Number
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Survey Report

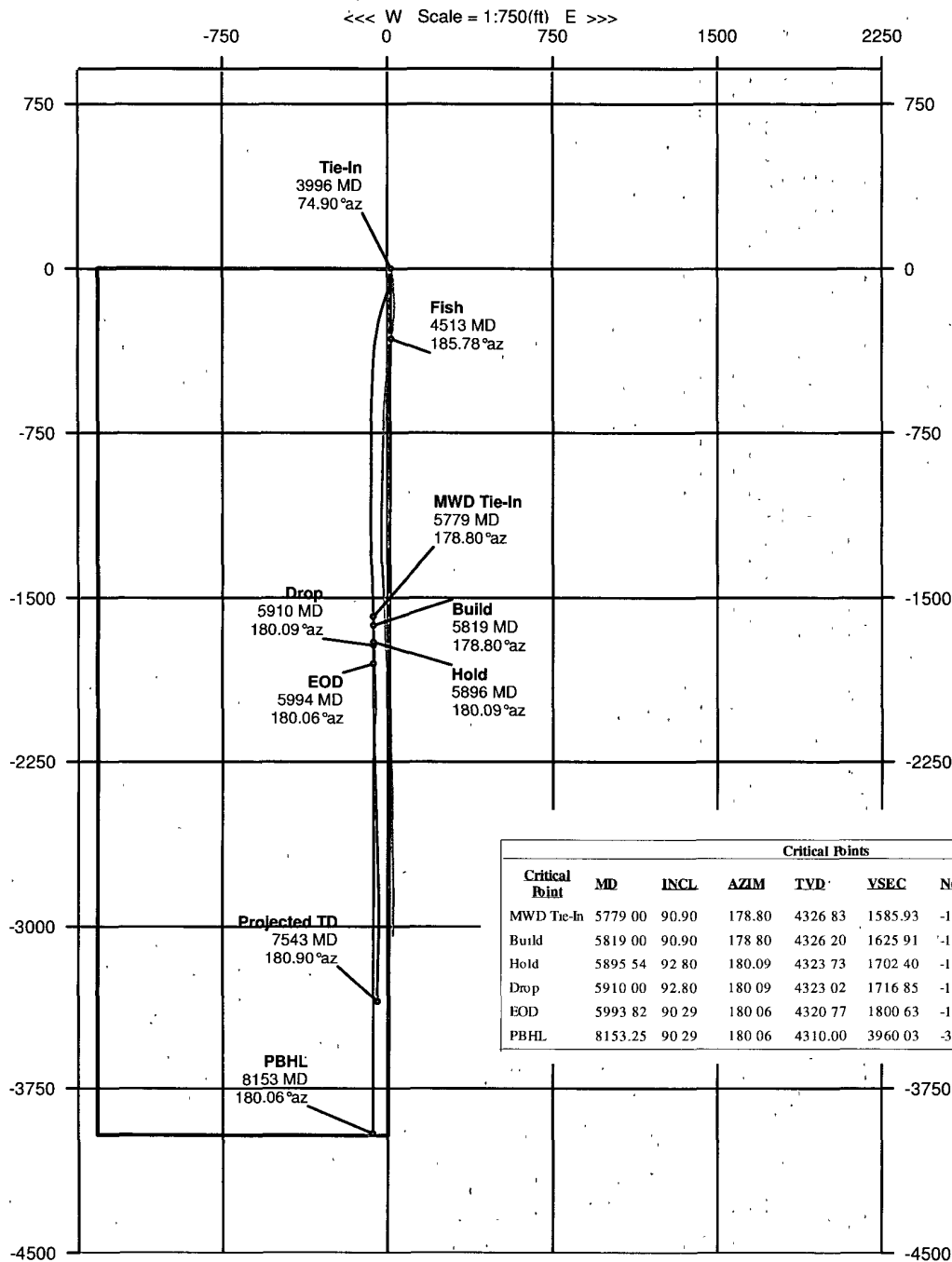
Report Date: April 25, 2006	Survey / DLS Computation Method: Minimum Curvature / Lubinski
Client: LCX Energy	Vertical Section Azimuth: 180.000°
Field: Eddy County, NM Nad 83	Vertical Section Origin: N 0.000 ft, E 0.000 ft
Structure / Slot: 1624 State #291 / 1624 State #291	TVD Reference Datum:
Well: 1624 State #291	TVD Reference Elevation: 0.0 ft relative to
Borehole: 1624 State #291	Sea Bed / Ground Level Elevation: 0.000 ft relative to
UWI/API#:	Magnetic Declination: 8.728°
Survey Name / Date: 1624 State #291_surveys / March 8, 2006	Total Field Strength: 49470.497 nT
Tort / AHD / DDI / ERD ratio: 162.837° / 3360.76 ft / 5.979 / 0.776	Magnetic Dip: 60.756°
Grid Coordinate System: NAD83 New Mexico State Planes, Eastern Zone, US Feet	Declination Date: March 08, 2006
Location Lat/Long: N 32 53 56.434, W 104 36 48.604	Magnetic Declination Model: IGRF 2005
Location Grid N/E Y/X: N 690908.000 ftUS, E 455346.800 ftUS	North Reference: Grid North
Grid Convergence Angle: -0.15217672°	Total Corr Mag North -> Grid North: +8.880°
Grid Scale Factor: 0.99991756	Local Coordinates Referenced To: Well Head

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	3996.00	0.90	74.90	3995.90	-0.50	0.50	16.90	16.91	88.31	0.00	-175.00M
	4045.00	5.80	185.00	4044.82	1.87	-1.87	17.06	17.16	96.25	12.59	-33.18G
	4067.00	9.40	171.50	4066.62	4.75	-4.75	17.22	17.87	105.43	18.16	7.99G
	4099.00	18.10	175.40	4097.68	12.31	-12.31	18.01	21.81	124.35	27.33	20.71G
	4130.00	26.40	182.30	4126.35	24.02	-24.02	18.12	30.09	142.96	28.03	27.11G
	4162.00	33.20	188.50	4154.11	39.81	-39.81	16.54	43.11	157.44	23.30	30.16G
	4194.00	37.70	192.70	4180.17	58.03	-58.03	13.09	59.49	167.29	15.98	32.24G
	4226.00	41.90	196.60	4204.76	77.83	-77.83	7.88	78.23	174.22	15.26	16.75G
	4257.00	46.50	198.50	4226.98	98.43	-98.43	1.35	98.43	179.21	15.44	3.52G
	4289.00	51.60	198.90	4247.94	121.31	-121.31	-6.40	121.48	183.02	15.97	-4.69G
	4320.00	56.70	198.40	4266.09	145.11	-145.11	-14.42	145.83	185.68	16.50	-11.96G
	4353.00	61.70	197.20	4282.98	172.09	-172.09	-23.08	173.63	187.64	15.47	-26.59G
	4384.00	66.30	194.70	4296.57	198.88	-198.88	-30.72	201.23	188.78	16.51	-25.87G
	4416.00	70.80	192.40	4308.27	227.82	-227.82	-37.69	230.92	189.39	15.57	-15.22G
	4447.00	75.80	191.00	4317.18	256.89	-256.89	-43.70	260.58	189.65	16.70	-8.54G
	4479.00	80.40	190.30	4323.77	287.65	-287.65	-49.49	291.88	189.76	14.53	-21.76G
	4511.00	84.90	188.50	4327.87	318.96	-318.96	-54.67	323.61	189.73	15.13	-31.90G
	4543.00	88.60	186.20	4329.68	350.63	-350.63	-58.75	355.52	189.51	13.61	-38.66G
	4575.00	92.10	183.40	4329.49	382.51	-382.51	-61.43	387.41	189.12	14.01	-146.32G
	4639.00	91.80	183.20	4327.31	446.37	-446.37	-65.11	451.09	188.30	0.56	-158.62G
	4701.00	89.50	182.30	4326.60	508.29	-508.29	-68.08	512.83	187.63	3.98	0.00G
	4765.00	90.10	182.30	4326.83	572.24	-572.24	-70.65	576.58	187.04	0.94	-19.65G
	4828.00	91.50	181.80	4325.95	635.19	-635.19	-72.91	639.36	186.55	2.36	-164.06G
	4892.00	87.30	180.60	4326.62	699.16	-699.16	-74.25	703.09	186.06	6.82	6.01G
	4955.00	89.20	180.80	4328.54	762.12	-762.12	-75.02	765.80	185.62	3.03	-6.34G
	5018.00	91.00	180.60	4328.43	825.11	-825.11	-75.78	828.58	185.25	2.87	-146.31G
	5082.00	90.10	180.00	4327.82	889.11	-889.11	-76.12	892.36	184.89	1.69	180.00G
	5146.00	89.90	180.00	4327.82	953.11	-953.11	-76.12	956.14	184.57	0.31	0.00G
	5209.00	90.90	180.00	4327.38	1016.10	-1016.10	-76.12	1018.95	184.28	1.59	18.43G
	5273.00	91.20	180.10	4326.21	1080.09	-1080.09	-76.18	1082.78	184.03	0.49	-135.00G
	5336.00	91.00	179.90	4325.00	1143.08	-1143.08	-76.18	1145.62	183.81	0.45	-158.75G
	5399.00	89.20	179.20	4324.89	1206.08	-1206.08	-75.68	1208.45	183.59	3.07	-26.57G
	5462.00	90.20	178.70	4325.22	1269.06	-1269.06	-74.53	1271.25	183.36	1.77	-170.54G
	5526.00	88.40	178.40	4326.00	1333.04	-1333.04	-72.91	1335.03	183.13	2.85	8.75G
	5589.00	89.70	178.60	4327.04	1396.01	-1396.01	-71.26	1397.82	182.92	2.09	-90.00G
	5653.00	89.70	178.30	4327.38	1459.98	-1459.98	-69.53	1461.64	182.73	0.47	-11.31G
	5716.00	90.20	178.20	4327.43	1522.95	-1522.95	-67.60	1524.45	182.54	0.81	40.60G
	5779.00	90.90	178.80	4326.83	1585.93	-1585.93	-65.95	1587.30	182.38	1.46	0.00G

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)
	5843.00	92.30	178.80	4325.04	1649.89	-1649.89	-64.61	1651.15	182.24	2.19	-90.00G
	5907.00	92.30	178.60	4322.47	1713.82	-1713.82	-63.16	1714.98	182.11	0.31	180.00G
	5970.00	90.20	178.60	4321.10	1776.78	-1776.78	-61.62	1777.85	181.99	3.33	-173.66G
	6034.00	89.30	178.50	4321.38	1840.76	-1840.76	-60.01	1841.74	181.87	1.41	-168.69G
	6097.00	88.80	178.40	4322.42	1903.73	-1903.73	-58.30	1904.62	181.75	0.81	180.00G
	6161.00	88.70	178.40	4323.82	1967.69	-1967.69	-56.52	1968.50	181.65	0.16	86.40G
	6224.00	89.30	187.70	4324.92	2030.52	-2030.52	-59.86	2031.40	181.69	14.79	-90.00G
	6288.00	89.30	179.40	4325.70	2094.33	-2094.33	-63.82	2095.31	181.75	12.97	-29.75G
	6351.00	90.00	179.00	4326.09	2157.33	-2157.33	-62.94	2158.24	181.67	1.28	-157.17G
	6415.00	88.10	178.20	4327.15	2221.30	-2221.30	-61.38	2222.14	181.58	3.22	1.85G
	6478.00	91.20	178.30	4327.53	2284.26	-2284.26	-59.46	2285.03	181.49	4.92	177.27G
	6553.00	89.10	178.40	4327.34	2359.22	-2359.22	-57.30	2359.92	181.39	2.80	-8.13G
	6616.00	89.80	178.30	4327.94	2422.19	-2422.19	-55.48	2422.83	181.31	1.12	-38.66G
	6680.00	90.30	177.90	4327.89	2486.16	-2486.16	-53.36	2486.73	181.23	1.00	161.56G
	6743.00	89.70	178.10	4327.89	2549.12	-2549.12	-51.16	2549.63	181.15	1.00	63.43G
	6807.00	89.90	178.50	4328.11	2613.09	-2613.09	-49.26	2613.55	181.08	0.70	-125.54G
	6870.00	89.40	177.80	4328.49	2676.05	-2676.05	-47.23	2676.47	181.01	1.37	38.66G
	6933.00	89.90	178.20	4328.88	2739.01	-2739.01	-45.03	2739.38	180.94	1.02	149.04G
	6996.00	89.40	178.50	4329.26	2801.99	-2801.99	-43.22	2802.32	180.88	0.93	32.01G
	7056.00	90.20	179.00	4329.47	2861.97	-2861.97	-41.91	2862.28	180.84	1.57	66.80G
	7119.00	90.50	179.70	4329.09	2924.97	-2924.97	-41.19	2925.26	180.81	1.21	111.80G
	7183.00	90.10	180.70	4328.75	2988.96	-2988.96	-41.42	2989.25	180.79	1.68	165.96G
	7244.00	89.70	180.80	4328.86	3049.96	-3049.96	-42.22	3050.25	180.79	0.68	99.46G
	7308.00	89.60	181.40	4329.25	3113.95	-3113.95	-43.44	3114.25	180.80	0.95	-33.69G
	7371.00	90.20	181.00	4329.36	3176.93	-3176.93	-44.76	3177.25	180.81	1.14	-161.56G
	7435.00	89.90	180.90	4329.31	3240.92	-3240.92	-45.82	3241.25	180.81	0.49	0.00G
Projected TD	7543.00	89.90	180.90	4329.49	3348.91	-3348.91	-47.52	3349.25	180.81	0.00	0.00G

LCX Energy

WELL		1624 State #291		FIELD		Eddy County, NM		STRUCTURE		1624 State #291	
Magnetic Parameters		Dip		60.756°		Date		March 08, 2006		Surface Location	
Model IGRF 2005		Mag Dec		+8.728°		FS		49470.5 nT		NAD83 New Mexico State Planes, Eastern Zone US Feet	
										Miscellaneous	
										Slot 1624 State #291	
										Plan 1624 State #291 surveys	
										TVD Ref (0.00 ft above)	
										Srvy Date Wed 08 20 AM March 08, 2006	

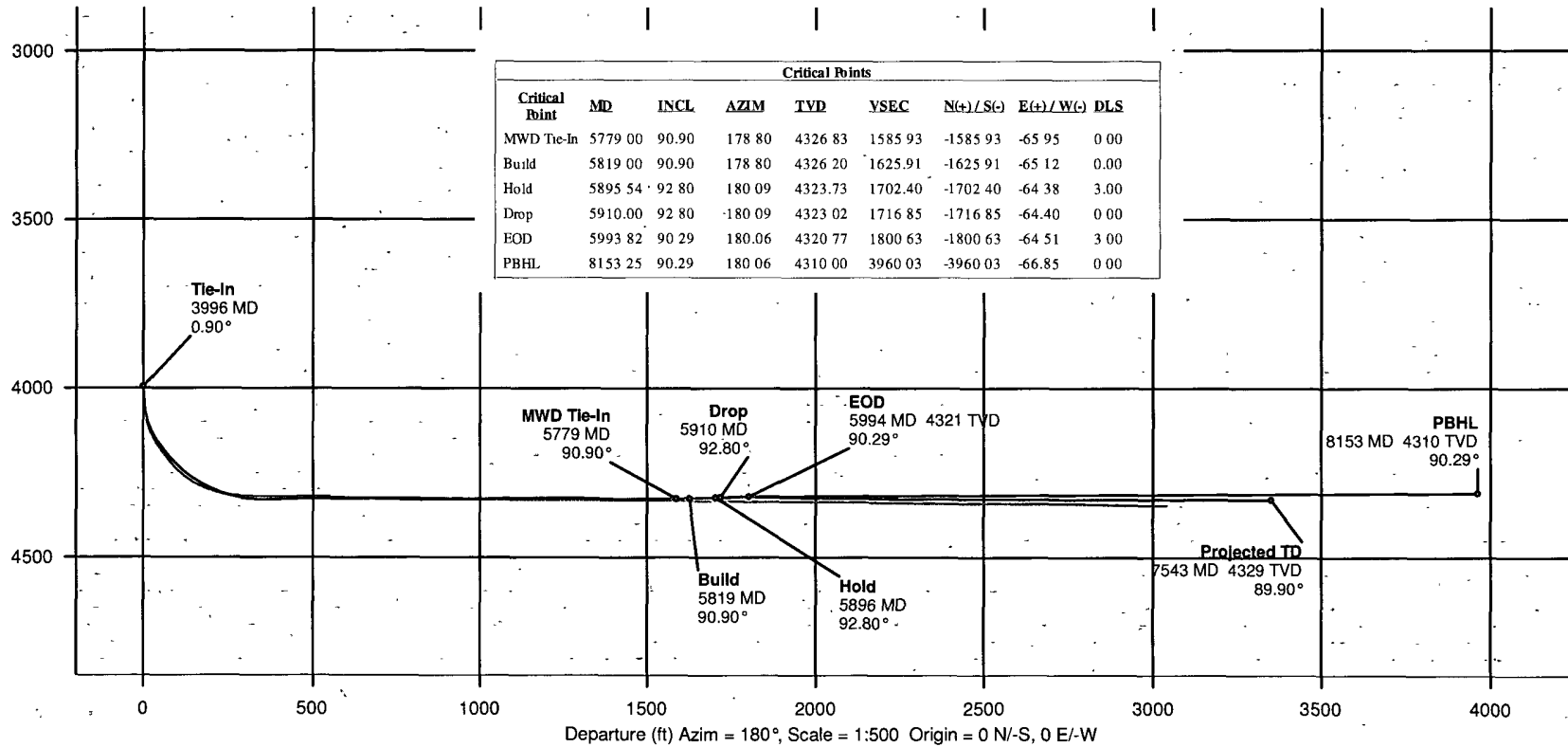


INTREPID
Directional Drilling Specialists



LCX Energy

WELL			1624 State #291			FIELD			Eddy County, NM			STRUCTURE			1624 State #291		
Magnetic Parameters			Surface Location			NAD83 New Mexico State Planes, Eastern Zone, US Feet			Miscellaneous								
Model	IGRF 2005		Lat	N32 53 56 434	Northing	690808 00 HUS	Grid Conv	-0 15217672*	Slot	1624 State #291	TVD Ref	(0 00 ft above)					
	Dip	60 756°	Date	March 08, 2006	Lon	W104 36 48 604	Easting	455346 80 HUS	Scale Fact.	0 9999175584	Plan	1624 State #291 surveys	Srvy Date	Wed 08 20 AM March 08, 2006			
	Mag Dec	+8 728*	FS	49470 5 nT													



INTREPID
Directional Drilling Specialists

