

OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NM-93181
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other _____		6. If Indian, Allottee or Tribe Name
2. Name of Operator LCX ENERGY, LLC		7. Unit or CA Agreement Name and No.
3. Address 110 N. MARIENFELD, SUITE 200 MIDLAND, TX 79701		8. Lease Name and Well No. 1725 FEDERAL COM #61
3a. Phone No. (include area code) 432-687-1575		9. AFI Well No. 30-015-34340 SI
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 660' FNL & 760' FWL SEC 6, T17S, R25E At top prod. interval reported below 1266' FNL & 814' FWL, SEC 6, T17S, R25E At total depth 775' FWL & 661' FSL SEC 6, T17S, R25E		10. Field and Pool, or Exploratory Cottonwood Creek-Wolfcamp
14. Date Spudded 10/06/2005		11. Sec., T., R., M., on Block and Survey or Area Sec 6, T17S, R25E
15. Date T.D. Reached 11/10/2005		12. County or Parish EDDY
16. Date Completed 01/30/2006 ☐ D & A ☒ Ready to Prod.		13. State NM
17. Elevations (DF, RKB, RT, GL)* 3633' GR		

18. Total Depth: MD 8618' TVD 4907'	19. Plug Back T.D.: MD 8569' TVD 4907'	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) BAKER TRIPLE COMBO W/ CNL DENSITY		22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	48#	SURF	392'		535 C:POZ		SURFACE	
12 1/4"	9 5/8"	36#	SURF	1296'		950 CL C		SURFACE	
8 3/4" & 7 7/8"	5 1/2"	17#	SURF	8618'		1050 H:POZ, CL C		SURFACE	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	4669'	4670'	5 1/2"					

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	5250' MD	9167' MD	5200' - 8480' MD	.42"	160	OPEN
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5200' - 8480' MD	18000 GALS 15% HCL, 22865 BBLs OF FOAMED SLICK WATER, WITH 51K # 100 MESH WHITE SAND, 50K # 20/40 BROWN SAND.

RECEIVED

MAR 31 2006

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/11/2006	03/19/2006	24	→		450	3		.672	FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
28/64	SI 476		→		450	3			PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		→						

*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

MAR 29 2006

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
SAN ANDRES	560				
GLORIETA	1690				
TUBB	3162				
ABO	4000				
U.WOLFCAMP PAY	4860				

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) KANICIA DAVIDTitle REGULATORY ANALYST

Signature

Kanicia David

Date

03/23/2006

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

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

Form C-102
Revised June 10, 2003

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-34340		² Pool Code 75250	³ Pool Name Cottonwood Creek - Wolfcamp
⁴ Property Code	⁵ Property Name 1725 Federal Com		⁶ Well Number 61
⁷ OGRID No. 21885	⁸ Operator Name LCX Energy, LLC		⁹ Elevation 3633' GR

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
D	6	17S	25E		660'	North	760'	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
M	6	17S	25E		661'	South	775'	West	Eddy

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <u>Kanicia David</u> Signature <u>Kanicia David</u> Printed Name <u>Regulatory, kanicia@eeronline.com</u> Title and E-mail Address <u>03/23/06</u> 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 Surveyer:			
	Certificate Number			

Survey Report

Report Date: November 10, 2005	Survey / DLS Computation Method: Minimum Curvature / Lubinski
Client: LCX Energy LLC.	Vertical Section Azimuth: 180.260°
Field: Eddy County, NM Nad 83	Vertical Section Origin: N 0.000 ft, E 0.000 ft
Structure / Slot: 1725 Fed Com #61 / 1725 Fed Com #61	TVD Reference Datum: RKB
Well: 1725 Fed Com #61	TVD Reference Elevation: 0.0 ft relative to
Borehole: 1725 Fed Com #61	Sea Bed / Ground Level Elevation: 0.000 ft relative to
UWI/API#:	Magnetic Declination: 8.733°
Survey Name / Date: 1725 Fed Com #61_surveys / October 25, 2005	Total Field Strength: 49498.617 nT
Tort / AHD / DDI / ERD ratio: 135.978° / 3940.27 ft / 5.974 / 0.803	Magnetic Dip: 60.752°
Grid Coordinate System: NAD83 New Mexico State Planes, Eastern Zone, US Feet	Declination Date: October 25, 2005
Location Lat/Long: N 32 52 13.016, W 104 31 51.487	Magnetic Declination Model: IGRF 2005
Location Grid N/E Y/X: N 680399.100 ftUS, E 480658.600 ftUS	North Reference: Grid North
Grid Convergence Angle: -0.10726466°	Total Corr Mag North -> Grid North: +8.840°
Grid Scale Factor: 0.99991331	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	4400.00	4.00	77.99	4398.68	38.20	-38.36	35.16	52.03	137.49	0.00	104.80M
	4411.00	4.90	104.80	4409.65	38.24	-38.40	35.99	52.63	136.86	20.36	132.60M
	4442.00	6.90	132.60	4440.49	39.82	-40.00	38.64	55.61	135.99	11.07	51.22G
	4474.00	9.90	151.00	4472.15	43.52	-43.71	41.39	60.19	136.56	12.48	63.75G
	4506.00	12.20	168.20	4503.56	49.23	-49.43	43.41	65.79	138.70	12.49	35.17G
	4538.00	15.60	176.70	4534.62	56.83	-57.03	44.35	72.25	142.13	12.37	16.63G
	4570.00	19.70	180.30	4565.11	66.52	-66.73	44.57	80.25	146.26	13.25	16.34G
	4602.00	22.60	182.50	4594.95	78.06	-78.27	44.28	89.92	150.50	9.39	0.94G
	4634.00	25.20	182.60	4624.21	91.02	-91.22	43.70	101.14	154.40	8.13	4.10G
	4665.00	30.10	183.30	4651.66	105.38	-105.58	42.95	113.98	157.86	15.84	-0.80G
	4697.00	34.10	183.20	4678.76	122.36	-122.55	41.99	129.55	161.09	12.50	-8.49G
	4729.00	37.80	182.30	4704.66	141.13	-141.31	41.10	147.17	163.79	11.68	-2.80G
	4761.00	41.90	182.00	4729.22	161.62	-161.80	40.33	166.75	166.00	12.83	-4.91G
	4792.00	46.10	181.50	4751.52	183.14	-183.32	39.67	187.56	167.79	13.59	-4.10G
	4824.00	50.40	181.10	4772.82	207.00	-207.18	39.14	210.85	169.30	13.47	-9.70G
	4856.00	54.20	180.30	4792.39	232.32	-232.49	38.83	235.72	170.52	12.04	-19.01G
	4888.00	57.90	178.80	4810.25	258.85	-259.03	39.05	261.96	171.43	12.20	-13.99G
	4920.00	61.80	177.70	4826.32	286.50	-286.68	39.90	289.45	172.08	12.54	-4.01G
	4952.00	65.70	177.40	4840.47	315.16	-315.35	41.13	318.02	172.57	12.22	5.64G
	4984.00	69.50	177.80	4852.67	344.71	-344.91	42.36	347.50	173.00	11.93	34.93G
	5016.00	72.80	180.20	4863.01	374.98	-375.18	42.88	377.62	173.48	12.52	-8.12G
	5047.00	76.90	179.60	4871.11	404.90	-405.09	42.94	407.36	173.95	13.36	-39.20G
	5080.00	80.30	176.80	4877.63	437.22	-437.42	43.96	439.62	174.26	13.24	-12.77G
	5112.00	84.70	175.80	4881.80	468.86	-469.07	46.01	471.32	174.40	14.09	0.00G
	5144.00	86.90	175.80	4884.15	500.67	-500.90	48.34	503.23	174.49	6.88	116.62G
	5175.00	86.60	176.40	4885.91	531.54	-531.78	50.45	534.16	174.58	2.16	7.86G
	5207.00	89.50	176.80	4886.99	563.45	-563.70	52.35	566.12	174.69	9.15	-21.80G
	5239.00	90.00	176.60	4887.13	595.39	-595.64	54.19	598.10	174.80	1.68	-26.56G
	5271.00	90.60	176.30	4886.97	627.32	-627.58	56.17	630.09	174.89	2.10	108.43G
	5303.00	90.30	177.20	4886.72	659.26	-659.53	57.98	662.07	174.98	2.96	135.00G
	5335.00	90.10	177.40	4886.60	691.22	-691.49	59.49	694.05	175.08	0.88	146.31G
	5367.00	88.90	178.20	4886.88	723.19	-723.47	60.72	726.01	175.20	4.51	180.00G
	5399.00	88.80	178.20	4887.53	755.16	-755.45	61.72	757.96	175.33	0.31	-26.56G
	5430.00	89.00	178.10	4888.12	786.13	-786.42	62.72	788.92	175.44	0.72	90.00G
	5462.00	89.00	178.20	4888.68	818.10	-818.40	63.76	820.88	175.55	0.31	-75.97G
	5493.00	89.10	177.80	4889.19	849.08	-849.38	64.84	851.85	175.63	1.33	61.39G
	5557.00	89.70	178.90	4889.86	913.04	-913.35	66.68	915.78	175.82	1.96	135.01G
	5620.00	88.80	179.80	4890.69	976.02	-976.34	67.40	978.66	176.05	2.02	-164.06G

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)
	5684.00	88.10	179.60	4892.42	1039.99	-1040.31	67.73	1042.51	176.27	1.14	68.77G
	5748.00	88.80	181.40	4894.15	1103.97	-1104.28	67.17	1106.32	176.52	3.02	-119.07G
	5811.00	88.30	180.50	4895.74	1166.94	-1167.25	66.13	1169.13	176.76	1.63	-45.00G
	5875.00	88.90	179.90	4897.31	1230.92	-1231.23	65.91	1233.00	176.94	1.33	40.60G
	5939.00	89.60	180.50	4898.15	1294.92	-1295.23	65.68	1296.89	177.10	1.44	-90.00G
	6003.00	89.60	180.40	4898.59	1358.91	-1359.22	65.18	1360.79	177.25	0.16	-18.44G
	6067.00	89.90	180.30	4898.87	1422.91	-1423.22	64.79	1424.70	177.39	0.49	135.00G
	6130.00	89.10	181.10	4899.42	1485.91	-1486.21	64.02	1487.59	177.53	1.80	56.31G
	6194.00	89.20	181.25	4900.37	1549.89	-1550.19	62.71	1551.46	177.68	0.28	32.01G
	6258.00	90.40	182.00	4900.59	1613.87	-1614.17	60.89	1615.31	177.84	2.21	105.25G
	6321.00	90.10	183.10	4900.32	1676.82	-1677.10	58.09	1678.11	178.02	1.81	-45.00G
	6385.00	90.20	183.00	4900.15	1740.74	-1741.01	54.68	1741.87	178.20	0.22	164.05G
	6449.00	89.50	183.20	4900.32	1804.67	-1804.92	51.22	1805.64	178.37	1.14	153.44G
	6512.00	89.30	183.30	4900.98	1867.58	-1867.81	47.65	1868.42	178.54	0.35	45.00G
	6576.00	89.50	183.50	4901.65	1931.48	-1931.70	43.86	1932.19	178.70	0.44	-139.41G
	6638.00	88.80	182.90	4902.57	1993.39	-1993.59	40.40	1994.00	178.84	1.49	81.88G
	6702.00	88.90	183.60	4903.85	2057.29	-2057.47	36.77	2057.80	178.98	1.10	-20.56G
	6766.00	89.70	183.30	4904.64	2121.18	-2121.35	32.92	2121.61	179.11	1.33	-90.00G
	6830.00	89.70	183.20	4904.97	2185.09	-2185.25	29.29	2185.45	179.23	0.16	63.44G
	6893.00	89.80	183.40	4905.25	2248.00	-2248.14	25.66	2248.29	179.35	0.35	128.66G
	6957.00	89.40	183.90	4905.69	2311.89	-2312.01	21.59	2312.11	179.47	1.00	-38.66G
	7021.00	89.90	183.50	4906.08	2375.77	-2375.88	17.46	2375.94	179.58	1.00	9.46G
	7085.00	90.50	183.60	4905.86	2439.67	-2439.75	13.49	2439.79	179.68	0.95	-108.43G
	7148.00	90.40	183.30	4905.36	2502.57	-2502.64	9.70	2502.66	179.78	0.50	71.56G
	7212.00	90.80	184.50	4904.69	2566.43	-2566.49	5.35	2566.49	179.88	1.98	-84.79G
	7276.00	91.00	182.30	4903.69	2630.33	-2630.36	1.56	2630.36	179.97	3.45	180.00G
	7340.00	90.90	182.30	4902.63	2694.28	-2694.30	-1.01	2694.30	180.02	0.16	-135.00G
	7404.00	90.10	181.50	4902.07	2758.25	-2758.26	-3.13	2758.26	180.07	1.77	-113.20G
	7467.00	89.80	180.80	4902.12	2821.24	-2821.25	-4.40	2821.25	180.09	1.21	-9.46G
	7531.00	90.40	180.70	4902.01	2885.24	-2885.24	-5.24	2885.25	180.10	0.95	146.31G
	7594.00	90.10	180.90	4901.74	2948.23	-2948.24	-6.12	2948.24	180.12	0.57	45.00G
	7658.00	90.20	181.00	4901.57	3012.23	-3012.23	-7.18	3012.24	180.14	0.22	-161.57G
	7722.00	89.00	180.60	4902.02	3076.22	-3076.22	-8.07	3076.23	180.15	1.98	-159.45G
	7786.00	88.20	180.30	4903.58	3140.20	-3140.20	-8.57	3140.21	180.16	1.33	-18.44G
	7849.00	89.70	179.80	4904.74	3203.19	-3203.18	-8.63	3203.19	180.15	2.51	-116.57G
	7913.00	89.60	179.60	4905.13	3267.19	-3267.18	-8.29	3267.19	180.15	0.35	153.44G
	7977.00	89.40	179.70	4905.68	3331.18	-3331.18	-7.90	3331.19	180.14	0.35	90.00G
	8039.00	89.40	179.80	4906.33	3393.17	-3393.17	-7.63	3393.18	180.13	0.16	-34.99G
	8103.00	90.40	179.10	4906.45	3457.17	-3457.17	-7.02	3457.18	180.12	1.91	-122.47G
	8167.00	89.70	178.00	4906.39	3521.14	-3521.15	-5.40	3521.15	180.09	2.04	-56.31G
	8230.00	89.90	177.70	4906.61	3584.08	-3584.10	-3.03	3584.10	180.05	0.57	-63.44G
	8294.00	90.10	177.30	4906.61	3648.01	-3648.04	-0.24	3648.04	180.00	0.70	140.20G
	8358.00	89.50	177.80	4906.83	3711.93	-3711.98	2.49	3711.98	179.96	1.22	-29.75G
	8422.00	90.20	177.40	4907.00	3775.86	-3775.93	5.17	3775.93	179.92	1.26	180.00G
	8485.00	89.50	177.40	4907.17	3838.78	-3838.86	8.03	3838.87	179.88	1.11	-50.20G
	8549.00	90.00	176.80	4907.45	3902.69	-3902.78	11.27	3902.79	179.83	1.22	-18.43G
	8618.00	90.30	176.70	4907.26	3971.56	-3971.67	15.18	3971.69	179.78	0.46	0.00G

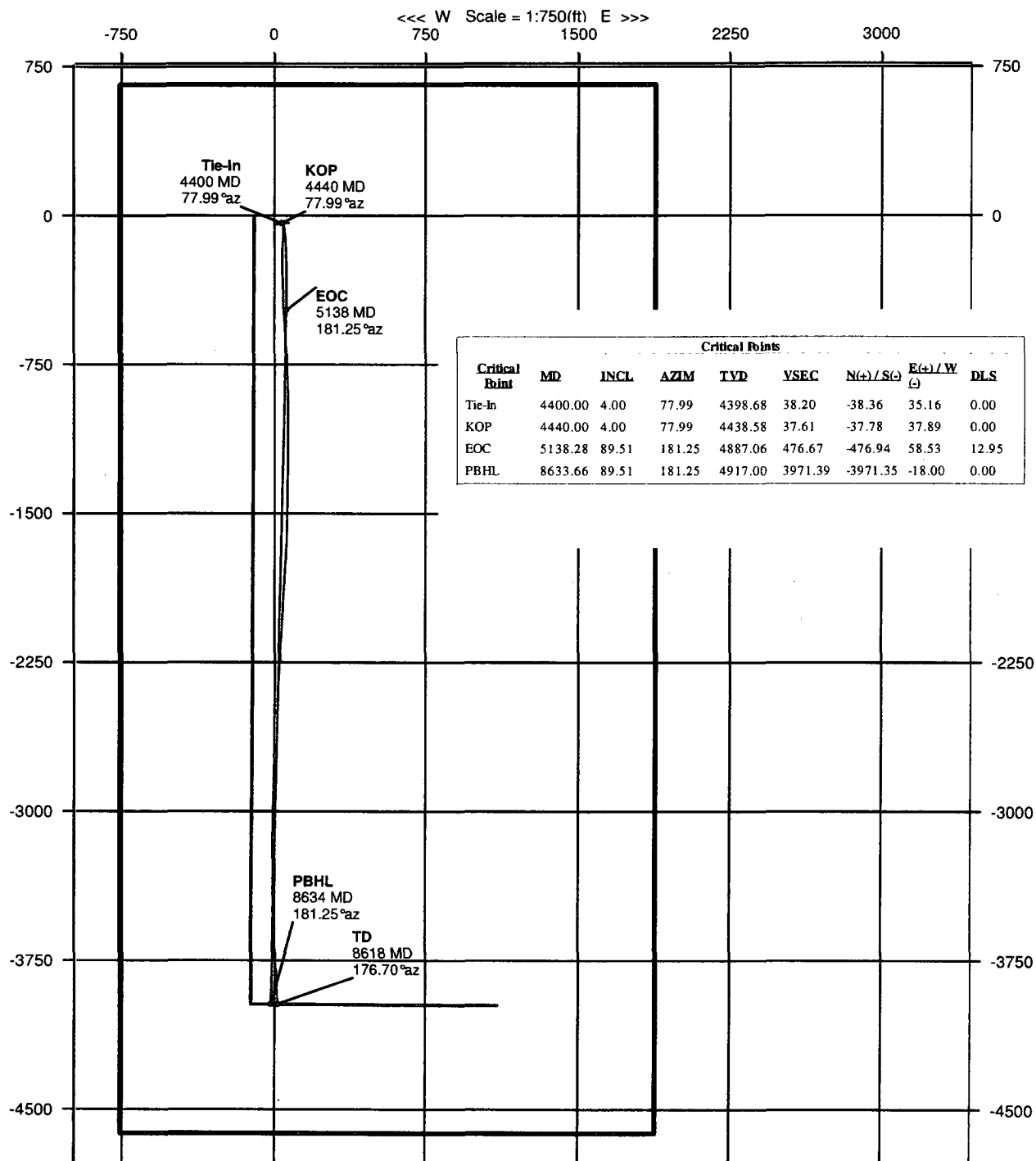
TD

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)
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LCX Energy LLC.

WELL 1725 Fed Com #61 FIELD Eddy County, NM Nad 831725 Fed Com #61

Magnetic Parameters Model: IGRF 2005 Dip: 60.752° Date: October 25, 2005 FS: 49498.6 nT Surface Location Lat: N32 52 13.016 Lon: W104 31 51.467 Northing: 680399.10 ftUS Easting: 480658.60 ftUS NAD83 New Mexico State Planes, Eastern Zone, US Feet Grid Conv: -0.10726466° Scale Fact: 0.9999133072 Miscellaneous Slot: 1725 Fed Com #61 TVD Ref: RKB (0.00 ft above) Plan: 1725 Fed Com #61, survey/Rev Date: Tue 09:17 PM October 25, 2005



INTREPID
Directional Drilling Specialists

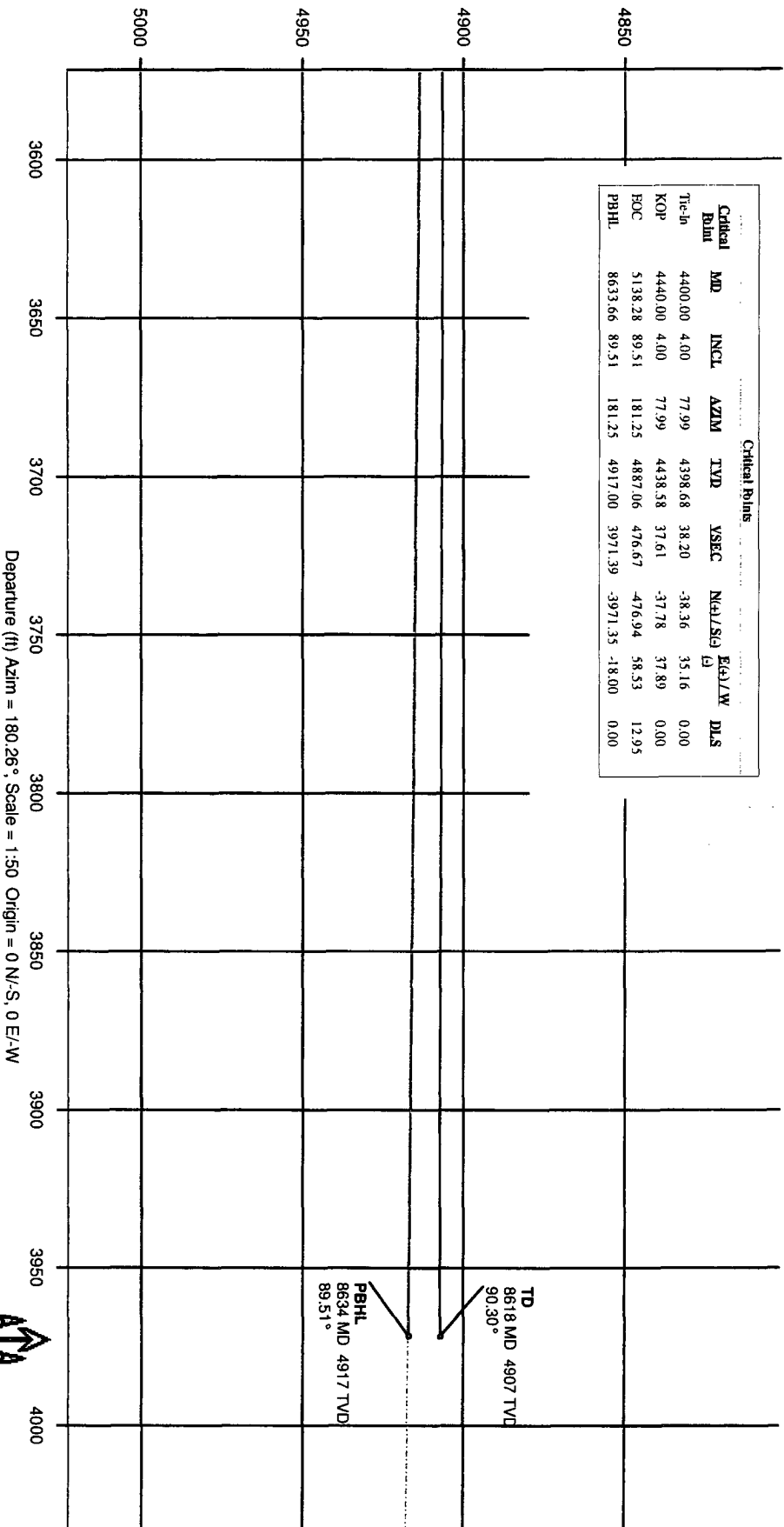


LCC Energy LLC.

WELL 1725 Fed Com #61 FIELD Eddy County, NM Nad 83 STRUCTURE 1725 Fed Com #61

Magnetic Parameters	Dip: 60.793°	Dive: 4948.6 NT	Surface Location	NAD 83 New Mexico State Plane, Eastern Zone, U.S. Feet	Miscellaneous
Model: GDF 2005	Mag Dec: +8.793°	FS: 4948.6 NT	Lat: N32 32 13.016	GRF Coord: 41072446+	Site: 1725 Fed Com #61
			Long: W104 31 51.487	Scale Feet: 0.989913072	Pen: 1725 Fed Com #61
					TYD Ref: 09/01/00 (1 above)
					Shw Date: Tue 08/17 PM October 25, 2005

Critical Points									
Critical Point	MD	INCL	AZIM	TYD	YSEC	N/E/S/W	E/G/W	DLS	
Tie-In	4400.00	4.00	77.99	4398.68	38.20	-38.36	35.16	0.00	
KOP	4440.00	4.00	77.99	4438.58	37.61	-37.78	37.89	0.00	
BOC	5138.28	89.51	181.25	4887.06	476.67	-476.94	58.53	12.95	
PBHL	8633.66	89.51	181.25	4917.00	3971.39	-3971.35	-18.00	0.00	

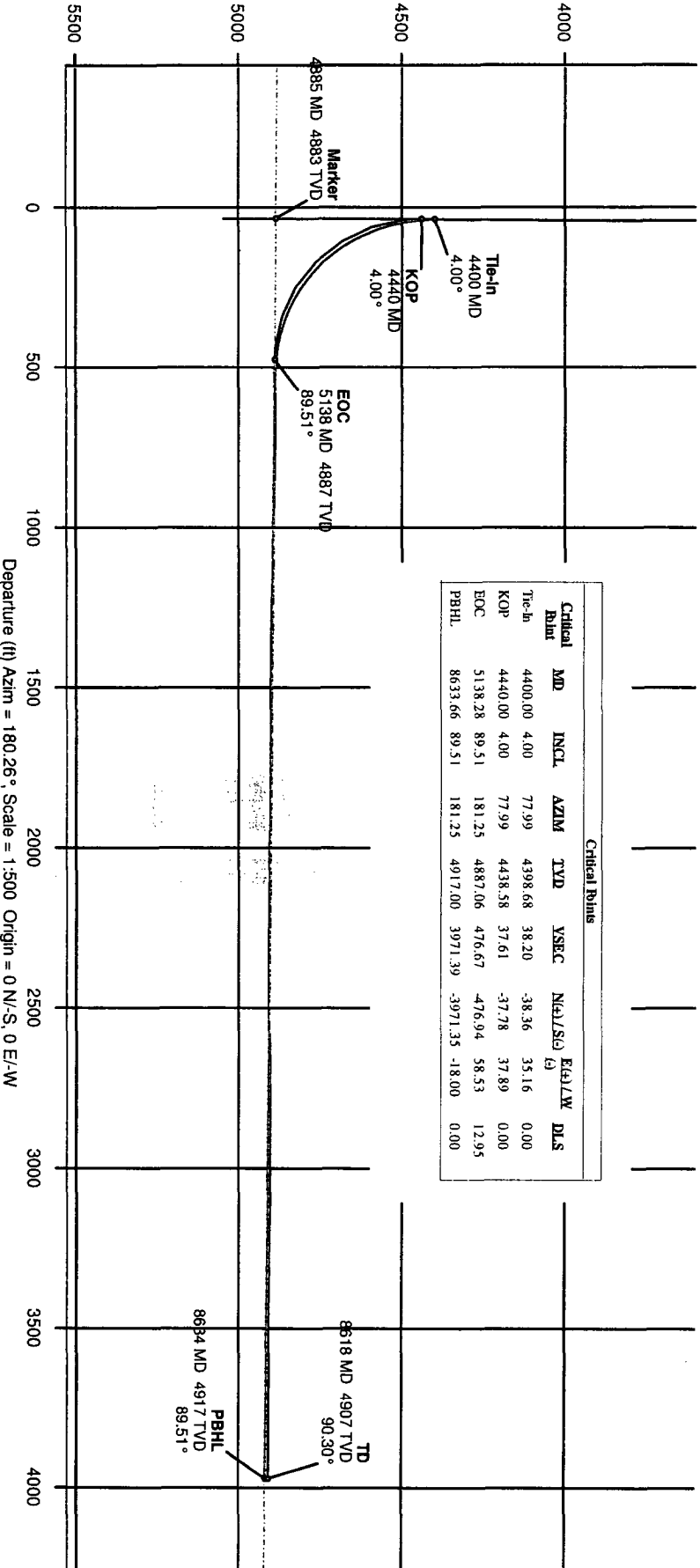


LCX Energy LLC.

WELL 1725 Fed Com #61 FIELD Eddy County, NM Nad 83 STRUCTURE 1725 Fed Com #61

Magnetic Parameters		Dip: 60.752°		Date: October 26, 2005		Surface Location		NAD83 New Mexico State Plane, Eastern Zone, US Feet		Microchance	
Model:	KSRF 2005	Mag Dec:	+8.733°	FS:	48468.6 m	Lat:	N25 52 13.016	Long:	W104 31 51.487	Scale Factor:	0.9998135072
										Sht:	
										Plan:	
										TVD Ref:	
										Shty Date:	
										TVD Date:	

Critical Points									
Point	MD	INCL	AZIM	TYD	YSEC	N(±)/S(±)	E(±)/W	DLS	
Tie-In	4400.00	4.00	77.99	4398.68	38.20	-38.36	35.16	0.00	
KOP	4440.00	4.00	77.99	4438.58	37.61	-37.78	37.89	0.00	
EOC	5138.28	89.51	181.25	4887.06	476.67	-476.94	58.53	12.95	
PBHL	8633.66	89.51	181.25	4917.00	3971.39	-3971.35	-18.00	0.00	



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