

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Month - Year
APR 30 2007
OCD - ARTESIA, NM

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		5. Lease Serial No. NM-90947
2. Name of Operator LCX ENERGY, LLC		6. If Indian, Allottee or Tribe Name
3a. Address 110 N. MARIENFELD, SUITE 200	3b. Phone No. (include area code) 432-687-1575	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660 FNL & 760 FEL SECTION 30, T16S, R25E		8. Well Name and No. 1625 FEDERAL COM 301
		9. API Well No. 30-015-34779
		10. Field and Pool, or Exploratory Area Cottonwood Creek - Wolfcamp
		11. County or Parish, State EDDY, NM

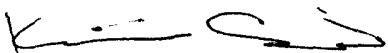
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☒ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

02/7/07 - 02/14/07 MIRU PULLING UNIT. ND WELLHEAD AND NU BOPS. TIH W/ 4 3/4" IT ON 2 7/8" TUBING, TAG UP AT 8573'. RU REVERSE UNIT, CLEAN OUT TO FC, DRILL OUT FC AND 10' OF CEMENT TO PBTD 8586', CIRCULATE HOLE CLEAN, POOH. RIH W/ 4 3/4" BIT AND 5 1/2" CASING SCRAPER TO 8576'. RIG UP ACID EQUIPMENT, TEST CASING TO 5000#. PUMP 100 GALS PICKLE ACID AND SPOT 5000 GALS 15% ACID. POOH. RIH W/ TCP GUNS ON 2 7/8" TUBING, SPACE OUT. RU ACID PUMPS. PRESSURE UP ON GUNS TO 3500 PSI, FIRED GUNS. SHOT PERFS AT 8575'(12H), 8365'(11H), 8155'(10H), 7945'(9H) AND 7735'(8H). ACIDIZE PERGS W/ 5000 GALS 15% HCL. PUMPED AT 21 BPM & 4050 PSI. ISDP+ 902 PSI. RD ACID PUMPS. TOOH AND LAY DOWN TCP GUNS. ALL GUNS FIRED. ND BOPS, NU CAPPING FLANGE. RDMO. WO FRAC.

3/1/07 - 3/3/07 MIRU BJ SERVICES. FRAC 1ST STAGE W/ 4500 GALS 15% HCL, 52298 GALS SLICK BRINE WATER, 34339 GALS SLICK FRESH WAER, 2000# 20/40 SAND AND 12000# LITE PROP 125 20/40. 71 TONS CO2. PUMPED AT AN AVG RATE OF 82 BPM AT 3784 PSI. ISDP 1844 PSI. RIH W/ FRAC PLUG AND PERF GUNS, SET PLUG AT 7650', PERG 7530'(14H), 7350'(13H), 7105'(12H) AND 6900'(11H).
CONTINUED...

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) KANICIA CARRILLO		Title REGULATORY ANALYST
Signature 		Date 04/02/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Title	Date
	Office	

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.

(Instructions on page 2)

Month - Year
12/30/2006
OCD - ARTESIA, NM

A Gyrodata Directional Survey

for

LCX ENERGY

Lease: 1625 Federal Common Well: No. 301, 4.5 " Drillpipe
Location: Big Dog Rig 2, Eddy County, New Mexico

Job Number: MD1206G_338

Run Date: 25 Dec 2006

Surveyor: Cody Dutton

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.899333 deg. N Longitude: 104.518139 deg. W

Azimuth Correction:

Gyro: 0.10000 deg East to Grid North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A Gyrodata Directional Survey

Lcx Energy

Lease: 1625 Federal Common Well: No. 301, 4.5 Inch Drillpipe

Location: Big Dog Rig 2, Eddy County, New Mexico

Job Number: MD1206G_338

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.00	0.00	0.00	N 0 0 E	0.00	0.00	0.0 0.0	0.00 N 0.00 E

0-4965 FEET RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4.5" DRILLPIPE. ALL MEASURED DEPTHS AND COORDINATES REFRENCED TO BIG DOG RIG 2'S R.K.B. R.K.B. EQUALS 17 FEET.							

110.00	0.20	151.43	S 28 34 E	0.18	110.00	0.2 151.4	0.17 S 0.09 E
290.00	0.94	141.47	S 38 32 E	0.41	289.99	2.0 144.0	1.60 S 1.16 E
470.00	1.05	169.05	S 10 57 E	0.27	469.96	5.0 151.3	4.37 S 2.39 E
650.00	1.01	204.78	S 24 47 W	0.35	649.94	7.7 164.6	7.42 S 2.04 E
831.72	1.03	217.99	S 38 0 W	0.13	831.63	10.2 178.0	10.16 S 0.36 E
1014.96	1.05	219.32	S 39 19 W	0.02	1014.84	12.9 187.7	12.76 S 1.72 W
1198.20	0.81	208.90	S 28 54 W	0.16	1198.05	15.6 192.6	15.20 S 3.41 W
1381.44	0.65	206.91	S 26 55 W	0.09	1381.28	17.8 194.6	17.26 S 4.51 W
1564.68	0.75	204.06	S 24 3 W	0.05	1564.50	20.0 195.8	19.28 S 5.47 W
1747.92	0.81	209.98	S 29 59 W	0.06	1747.73	22.5 197.1	21.50 S 6.60 W
1931.16	0.85	210.78	S 30 47 W	0.02	1930.95	25.1 198.5	23.78 S 7.94 W
2114.40	0.50	219.43	S 39 26 W	0.19	2114.18	27.2 199.7	25.57 S 9.15 W
2297.64	0.35	223.66	S 43 40 W	0.08	2297.41	28.4 200.7	26.60 S 10.05 W
2480.88	0.21	208.62	S 28 37 W	0.09	2480.65	29.3 201.2	27.31 S 10.61 W
2664.12	0.19	224.38	S 44 23 W	0.03	2663.89	29.9 201.5	27.83 S 10.98 W
2847.36	0.27	261.68	S 81 41 W	0.09	2847.13	30.4 202.5	28.10 S 11.62 W
3030.60	0.25	265.33	S 85 20 W	0.02	3030.36	30.8 203.8	28.20 S 12.46 W
3213.84	0.26	269.12	S 89 7 W	0.01	3213.60	31.2 205.2	28.24 S 13.28 W
3397.08	0.23	267.21	S 87 12 W	0.02	3396.84	31.6 206.5	28.26 S 14.07 W

A Gyrodata Directional Survey

Lcx Energy

Lease: 1625 Federal Common Well: No. 301, 4.5 Inch Drillpipe

Location: Big Dog Rig 2, Eddy County, New Mexico

Job Number: MD1206G_338

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
3580.32	0.08	247.57	S 67 34 W	0.09	3580.08	31.9 207.2	28.33 S 14.55 W
3763.56	0.09	77.40	N 77 24 E	0.09	3763.32	31.9 207.1	28.35 S 14.54 W
3946.80	0.26	97.78	S 82 13 E	0.10	3946.56	31.6 206.3	28.37 S 13.99 W
4130.04	0.70	93.00	S 87 0 E	0.24	4129.79	31.1 203.6	28.49 S 12.47 W
4313.28	1.45	80.55	N 80 33 E	0.43	4313.00	29.6 197.9	28.16 S 9.07 W
4496.52	1.70	77.19	N 77 11 E	0.15	4496.17	27.5 188.6	27.18 S 4.13 W
4679.71	1.51	82.40	N 82 24 E	0.13	4679.29	26.3 178.0	26.26 S 0.93 E
4863.00	1.42	83.32	N 83 19 E	0.05	4862.52	26.3 167.7	25.67 S 5.58 E
4950.50	1.36	82.70	N 82 42 E	0.07	4949.99	26.6 163.2	25.41 S 7.69 E

Final Station Closure: Distance: 26.55 ft Az: 163.17 deg.



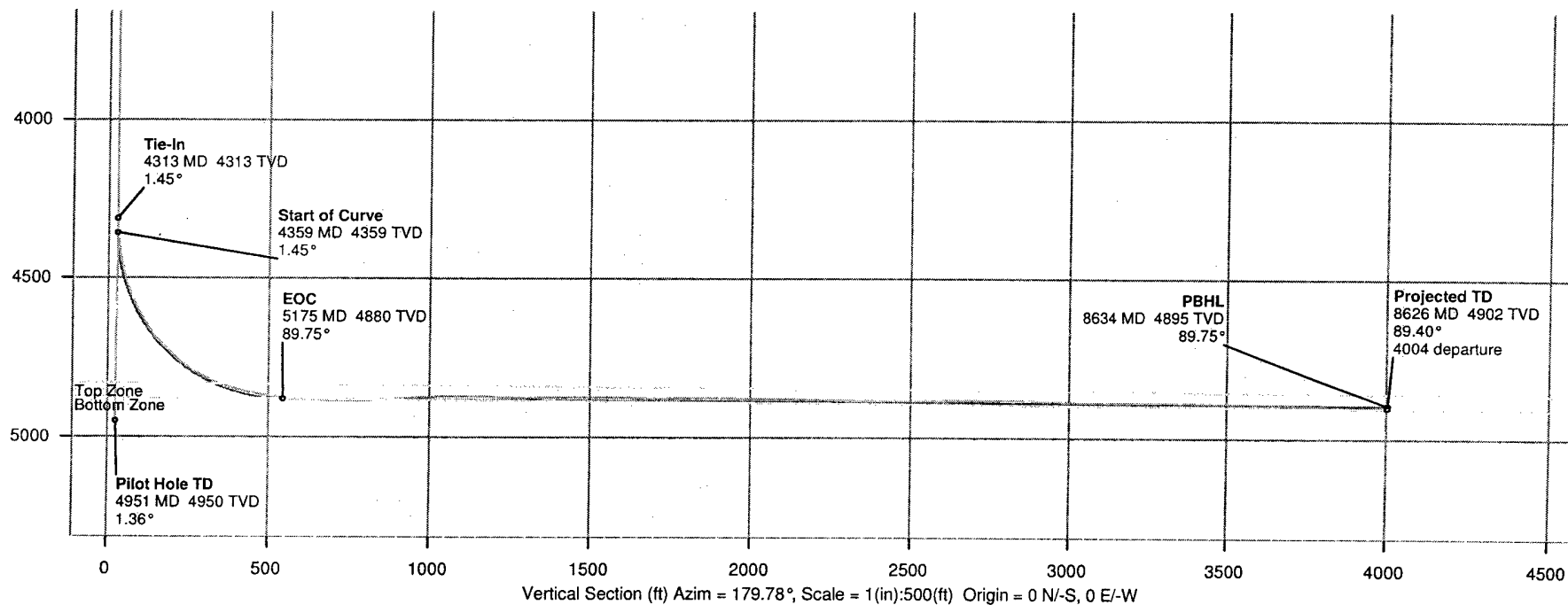
Survey Report

Report Date: January 11, 2007	Survey / DLS Computation Method: Minimum Curvature / Lubinski
Client: LCX Energy LLC.	Vertical Section Azimuth: 179.780°
Field: Eddy County, NM Nad 83	Vertical Section Origin: N 0.000 ft, E 0.000 ft
Structure / Slot: 1625 Fed Com #301 / 1625 Fed Com #301	TVD Reference Datum: RKB
Well: 1625 Fed Com #301	TVD Reference Elevation: 0.0 ft relative to
Borehole: 1625 Fed Com #301	Sea Bed / Ground Level Elevation: 0.000 ft relative to
UWI/API#:	Magnetic Declination: 8.590°
Survey Name / Date: 1625 Fed Com #301_surveys / January 2, 2007	Total Field Strength: 49403.808 nT
Tort / AHD / DDI / ERD ratio: 153.927° / 4020.08 ft / 6.037 / 0.820	Magnetic Dip: 60.758°
Grid Coordinate System: NAD83 New Mexico State Planes, Eastern Zone, US Feet	Declination Date: January 02, 2007
Location Lat/Long: N 32 53 58.012, W 104 31 7.291	Magnetic Declination Model: IGRF 2005
Location Grid N/E Y/X: N 691003.200 ftUS, E 484446.500 ftUS	North Reference: Grid North
Grid Convergence Angle: -0.10068078°	Total Corr Mag North -> Grid North: +8.691°
Grid Scale Factor: 0.99991280	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)
Tie-In	4313.30	1.45	80.55	4313.02	28.12	-28.15	-8.99	29.55	197.71	0.43
	4332.00	2.50	125.60	4331.71	28.32	-28.35	-8.43	29.58	196.55	9.61
	4364.00	4.30	150.00	4363.65	29.77	-29.80	-7.26	30.67	193.69	7.10
	4395.00	7.00	158.70	4394.50	32.54	-32.56	-5.99	33.11	190.43	9.11
	4426.00	9.90	163.80	4425.16	36.87	-36.88	-4.56	37.16	187.05	9.65
	4458.00	12.60	168.80	4456.54	42.94	-42.95	-3.12	43.06	184.15	8.96
	4489.00	15.20	173.20	4486.63	50.30	-50.30	-1.98	50.34	182.25	9.05
	4520.00	18.10	175.50	4516.33	59.14	-59.14	-1.12	59.15	181.08	9.59
	4551.00	21.20	175.50	4545.52	69.53	-69.53	-0.30	69.53	180.25	10.00
	4583.00	24.10	176.20	4575.05	81.82	-81.82	0.59	81.82	179.59	9.10
	4614.00	27.20	176.80	4602.99	95.22	-95.22	1.40	95.23	179.16	10.03
	4645.00	30.80	177.40	4630.10	110.23	-110.22	2.16	110.24	178.88	11.65
	4677.00	34.60	178.30	4657.02	127.50	-127.49	2.80	127.53	178.74	11.97
	4708.00	38.20	180.00	4681.97	145.89	-145.88	3.06	145.92	178.80	12.06
	4739.00	41.90	180.10	4705.70	165.84	-165.83	3.04	165.86	178.95	11.94
	4770.00	45.70	179.20	4728.07	187.29	-187.28	3.18	187.31	179.03	12.42
	4802.00	49.60	178.20	4749.62	210.93	-210.92	3.72	210.95	178.99	12.40
	4833.00	53.40	179.10	4768.92	235.18	-235.17	4.29	235.21	178.96	12.47
	4864.00	57.10	179.90	4786.58	260.65	-260.63	4.51	260.67	179.01	12.12
	4896.00	60.90	180.90	4803.06	288.07	-288.06	4.31	288.09	179.14	12.17
	4927.00	64.40	181.20	4817.30	315.59	-315.58	3.80	315.60	179.31	11.32
	4958.00	67.90	181.70	4829.84	343.93	-343.92	3.09	343.93	179.49	11.39
	4990.00	71.50	181.80	4840.94	373.92	-373.91	2.17	373.92	179.67	11.25
	5021.00	74.90	181.70	4849.89	403.57	-403.57	1.26	403.57	179.82	10.97
	5084.00	79.30	180.80	4863.96	464.95	-464.95	-0.07	464.95	180.01	7.12
	5115.00	81.30	180.30	4869.18	495.50	-495.51	-0.37	495.51	180.04	6.64
	5146.00	83.60	180.20	4873.25	526.23	-526.23	-0.50	526.24	180.05	7.43
	5177.00	83.80	179.00	4876.65	557.04	-557.05	-0.28	557.05	180.03	3.90
	5240.00	86.30	178.60	4882.09	619.79	-619.79	1.03	619.79	179.90	4.02
	5301.00	88.40	178.30	4884.91	680.71	-680.70	2.68	680.71	179.77	3.48
	5363.00	89.00	177.20	4886.32	742.65	-742.64	5.11	742.65	179.61	2.02
	5426.00	93.60	177.20	4884.89	805.55	-805.53	8.19	805.57	179.42	7.30
	5488.00	93.50	177.30	4881.05	867.37	-867.34	11.16	867.41	179.26	0.23
	5551.00	93.90	178.30	4876.98	930.20	-930.16	13.57	930.26	179.16	1.71
	5613.00	92.50	179.00	4873.52	992.09	-992.04	15.03	992.16	179.13	2.52
	5676.00	91.70	180.20	4871.21	1055.05	-1055.00	15.47	1055.11	179.16	2.29
	5739.00	90.00	181.00	4870.28	1118.03	-1117.98	14.81	1118.08	179.24	2.98
	5801.00	87.30	181.70	4871.74	1179.99	-1179.94	13.35	1180.02	179.35	4.50

LCX Energy LLC.

WELL	1625 Fed Com #301	FIELD	Eddy County, NM Nad 83	STRUCTURE	1625 Fed Com #301
Magnetic Parameters Model: IGRF 2005	Dip: 60.758° Mag Dec: 18.592°	Date: January 02, 2007 FS	Surface Location Lat: N32 53 58.012 Lon: W104 31 7.291	NAD83 New Mexico State Planes, Eastern Zone, US Feet Northing: 691003.20 NUS Easting: 484446.50 EUS Grid Conv: -0.10068078° Scale Fact: 0.9999127372	Miscellaneous Slot: 1625 Fed Com #301 Plan: 1625 Fed Com #301, surveys TVD Ref: RKB (0.00 ft above) Srvy Date: January 02, 2007

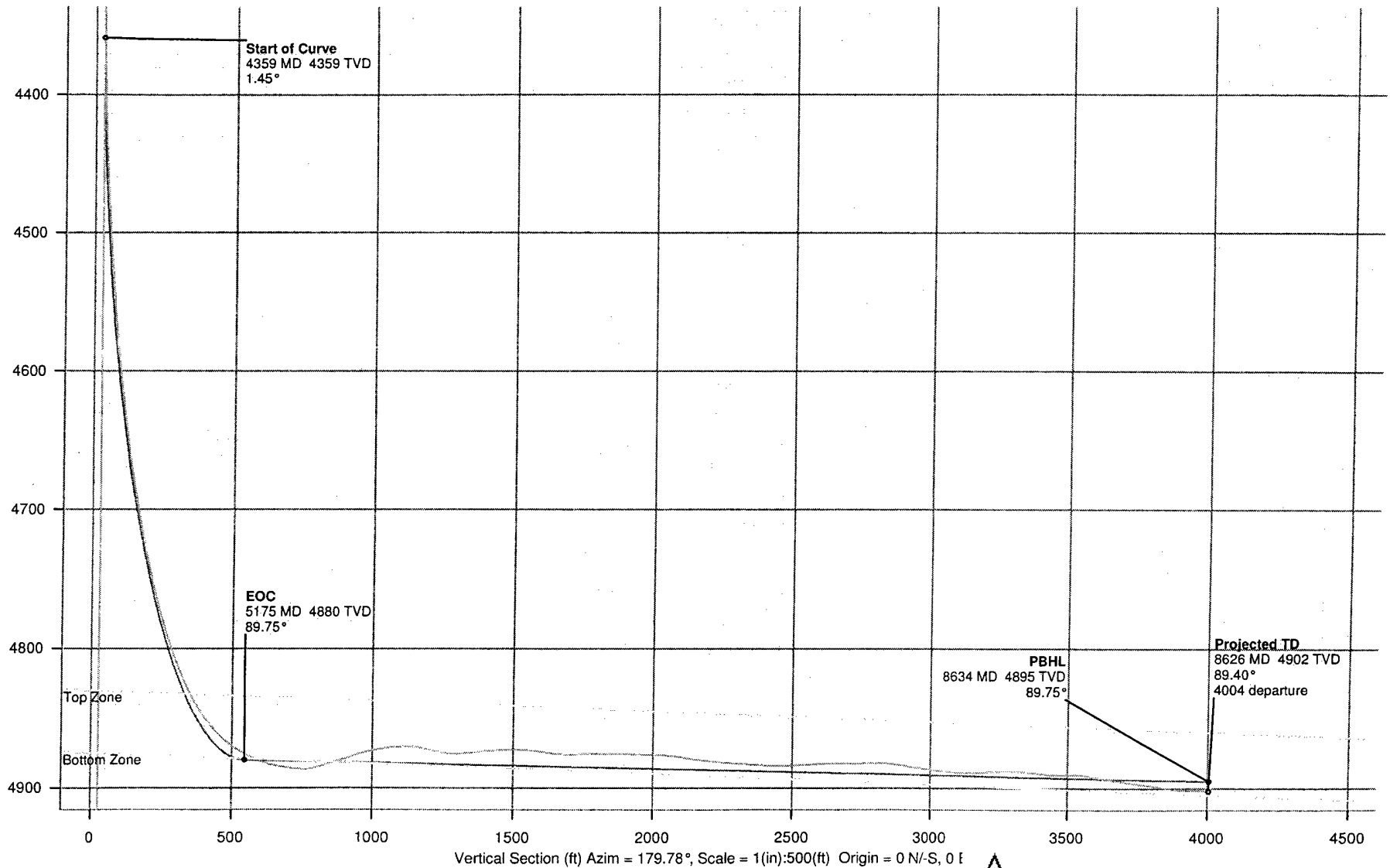


INTREPID
Directional Drilling Specialists



LCX Energy LLC.

WELL	1625 Fed Com #301	FIELD	Eddy County, NM Nad 83	STRUCTURE	1625 Fed Com #301
Magnetic Parameters Model: IGRF 2005	Dip: 60.758° Mag Dec: ±5.580°	Date: January 02, 2007 FS: 49403.8 nT	Surface Location Lat: N32 53 58.012 Lon: W104 31 7.891	NAD83 New Mexico State Plane, Eastern Zone, US Feet Northing: 691003.20 NUS Easting: 484446.50 EUS Scale Fact: 0.9999127272	Miscellaneous Site: 1625 Fed Com #301 Plan: 1625 Fed Com #301, survey TVD Ref: RKB (0.00 ft above) Soy Date: January 02, 2007

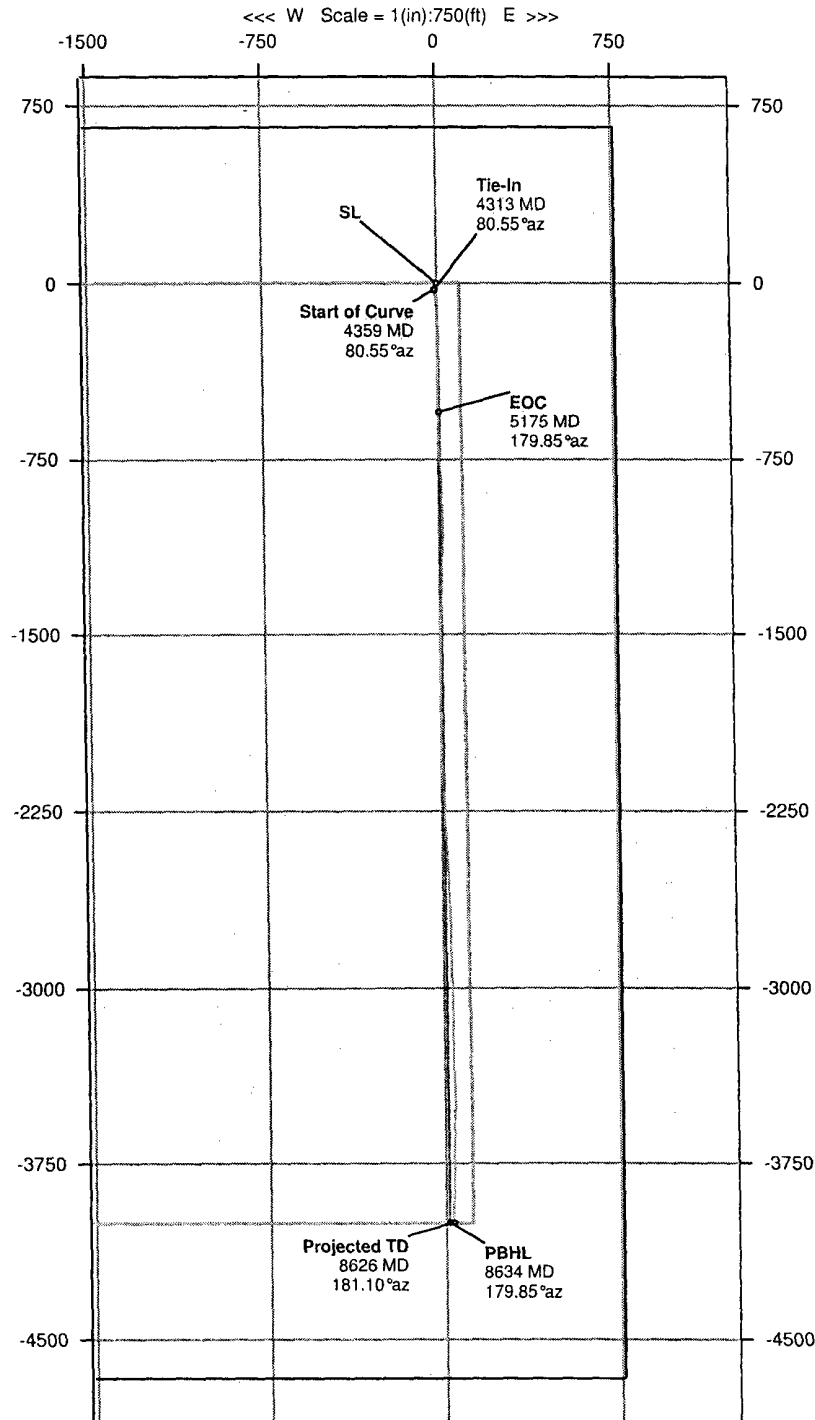


INTREPID
Directional Drilling Specialists



LCX Energy LLC.

WELL	1625 Fed Com #301	FIELD	Eddy County, NM Nad 83	STRUCTURE	1625 Fed Com #301
Magnetic Parameters Model: IGRF 2005	Dip: 60.758° Mag Dec: +8.290°	Date: January 02, 2007 ES: 49403 S.C.T.	Surface Location Lat: N32 53 58.012 Lon: W104 31 7.291	NA83 New Mexico State Plane, Eastern Zone, US Feet Northing: 991003.20 NUS Easting: 484445.50 NUS Scale: 629598.6256	Miscellaneous Spot: 1625 Fed Com #301 TVD Ref: RKB (0.00 ft above) Pkg: 1625 Fed Com #301, Survey Data, January 02, 2007



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