

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., 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

Form C-103
Revised May 08, 2003

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

WELL API NO. 30-015-34980
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: 1921 STATE COM
8. Well Number 21
9. OGRID Number 218885
10. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-103) FOR SUCH
PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other	2. Name of Operator LCX Energy, LLC
3. Address of Operator 110 N. Marienfeld, Ste. 200, Midland, TX 79701	4. Well Location Unit Letter <u>A</u> : <u>760</u> feet from the <u>NORTH</u> line and <u>660</u> feet from the <u>EAST</u> line Section <u>2</u> Township <u>19S</u> Range <u>21E</u> NMPM County <u>EDDY</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

LCX ENERGY LLC REQUESTS A NAME CHANGE FOR THIS WELL FROM THE 1921 STATE COM 21 TO THE 1921 STATE 21.

LCX ENERGY ALSO WANTS TO AMEND THE APPROVED PERMIT ALLOWING THE 1921 STATE 21 WELL TO BE DRILLED TO THE SOUTH AS SHOWN ON THE ATTACHED PLAT. ALSO ATTACHED IS A NEW DIRECTIONAL PLAN FOR THIS WELL.

DRILLING, CASING AND CEMENTING DETAILS WILL NOT CHANGE FOR THIS WELL AS LISTED ON THE ORIGINAL PERMIT.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kanicia David TITLE Regulatory Agent DATE 9/11/06

Type or print name KANICIA DAVID

Telephone No. 432-848-0214

(This space for State use) BRYAN G. ARRAnt

APPROVED BY DISTRICT II GEOLOGIST TITLE DATE SEP 14 2006

Conditions of approval, if any:

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

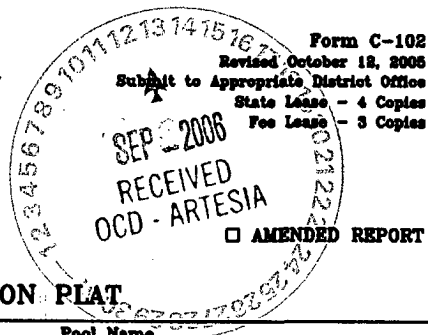
DISTRICT II
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State of New Mexico
Energy, Minerals & Natural Resources Department

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



Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name 1921 STATE	Well Number 21
OGED No.	Operator Name LCX ENERGY, LLC	Elevation 4167'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	2	19 S	21 E		660	EAST	760	NORTH	EDDY

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
P	2	19 S	21 E		760	EAST	660	SOUTH	EDDY

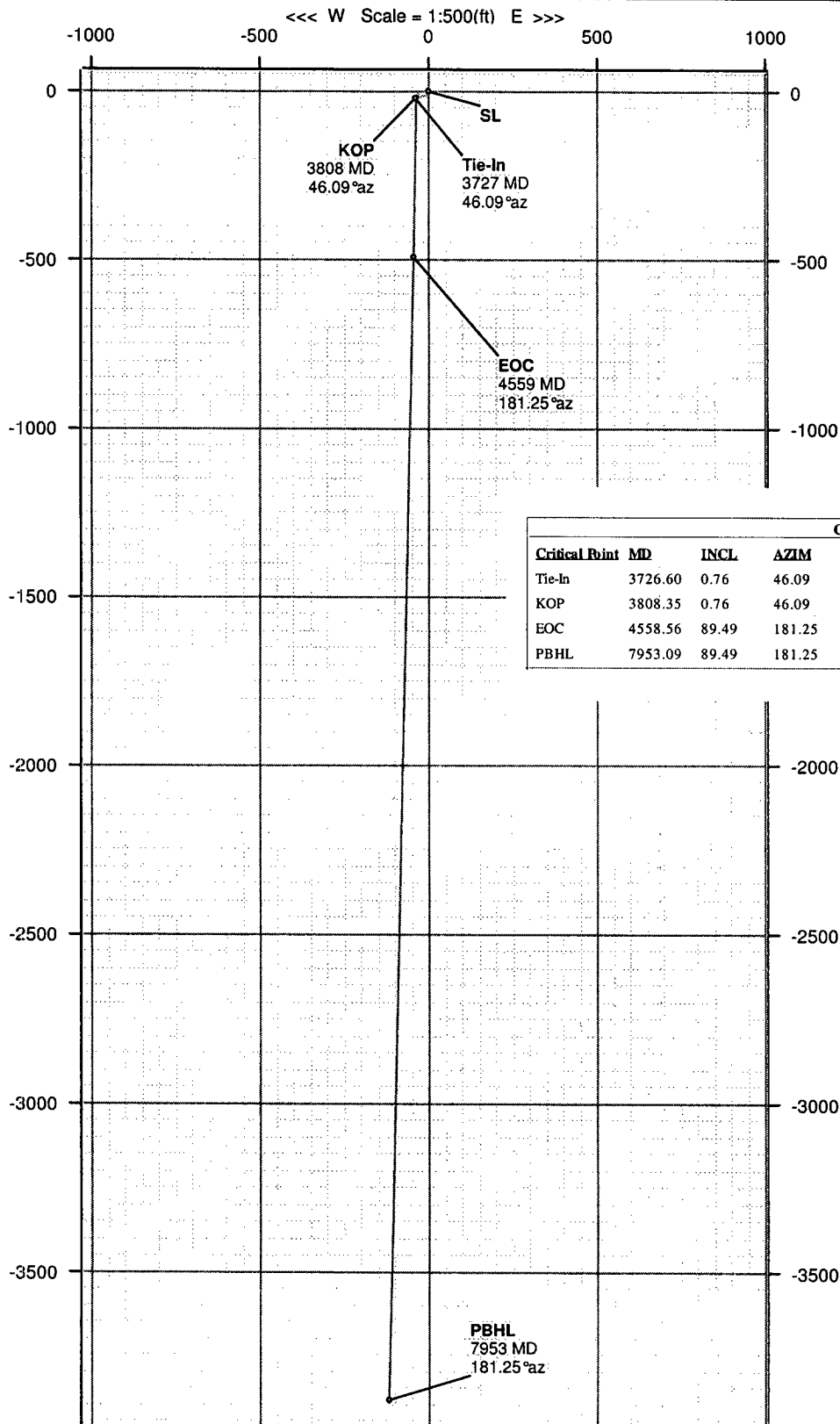
Dedicated Acres 32e	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

Plane Coordinate X = 369,373.2 Y = 616,672.5 760' 4174.4' 4160.8' 660' 4172.2' 4156.5' 3889' 660' BL NOTE: 1) Plane Coordinates shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.	OPERATOR CERTIFICATION I hereby certify the information contained herein to be true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interests in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date _____ Printed Name _____ 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. June 17, 2006 Date of Survey _____ JSR Signature & Seal of Professional Surveyor _____ W.O. Num. 2006-0725 Certificate No. MACON McDONALD 12185
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LCX Energy

WELL	1921 State #21	FIELD	Eddy County, NM	STRUCTURE	1921 State #21
Magnetic Parameters		Surface Location		Miscellaneous	
Model:	IGRF 2005	Lat:	N32 41 40.605	Slot:	1921 State #21
Dip:	63.534°	Long:	W104 45 28.812	Plan:	1921 State #21 .v4
Mag Dec:	+8.744°	North:	616672.50 ftUS	TVD Ref: RKB (0.00 ft above)	
Date:	June 01, 2006	East:	369373.20 ftUS	Srvy Date: Fri 05:36 PM September 08, 2006	
FS:	49306.0 mT	Grid Conv:	-0.22906329°		
		Scale Fact:	0.9999286317		

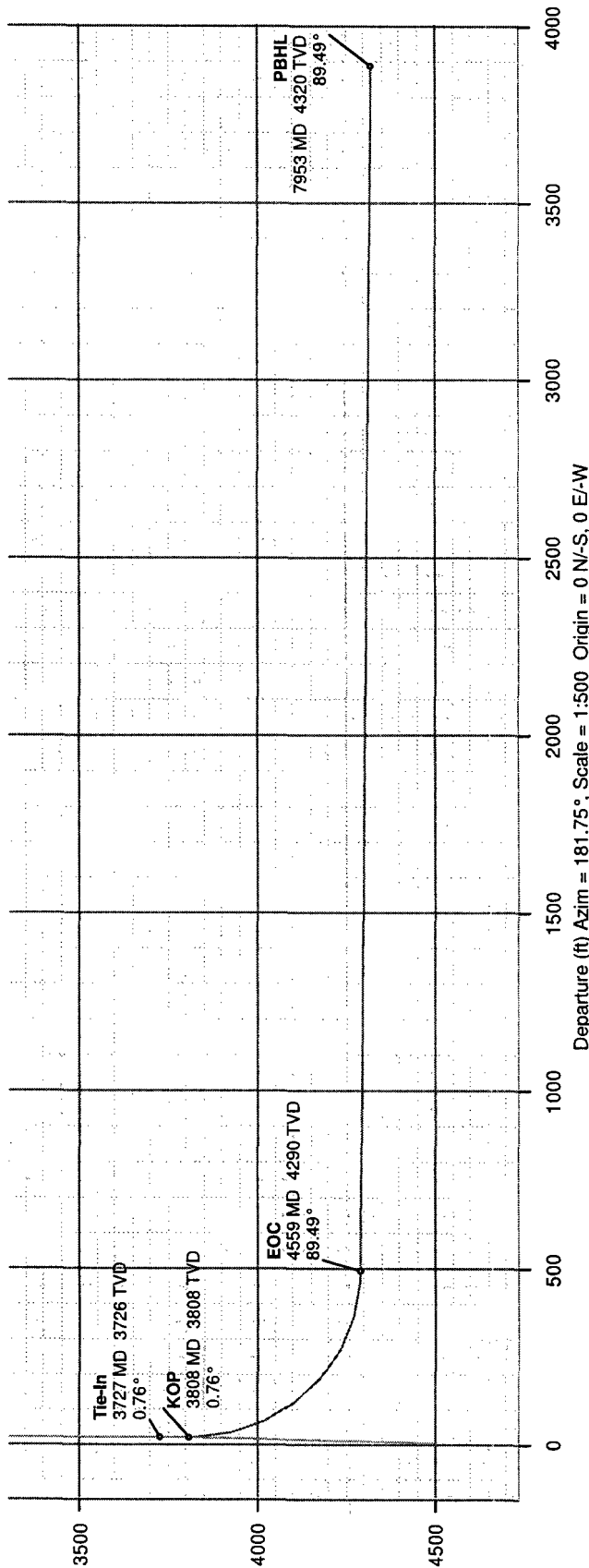


Critical Points								
Critical Point	MD	INCL	AZIM	TVD	YSEC	N(+) / S(-)	E(+) / W(-)	DLS
Tie-In	3726.60	0.76	46.09	3726.16	21.45	-20.27	-39.01	0.00
KOP	3808.35	0.76	46.09	3807.90	20.68	-19.52	-38.24	0.00
EOC	4558.56	89.49	181.25	4289.79	493.82	-492.70	-44.15	12.00
PBHL	7953.09	89.49	181.25	4320.00	3888.09	-3886.29	-118.41	0.00



LCX Energy

WELL	1921 State #21	FIELD	Eddy County, NM	STRUCTURE	1921 State #21
Magnetic Parameters	Ref: 2005	Dr:	MS 2005	MD: 2005	MD: 2005
Model:	MS 2005	MD: 2005	MD: 2005	MD: 2005	MD: 2005
Surface Location	North: 36° 45' 00" N	East: 104° 43' 00" W	UTM Zone: 18Q	UTM Zone: 18Q	UTM Zone: 18Q
UTM Zone: 18Q	UTM Zone: 18Q	UTM Zone: 18Q	UTM Zone: 18Q	UTM Zone: 18Q	UTM Zone: 18Q
UTM Zone: 18Q	UTM Zone: 18Q	UTM Zone: 18Q	UTM Zone: 18Q	UTM Zone: 18Q	UTM Zone: 18Q



Critical Points						
Critical Point	MD	INCL	AZIM	YSEC	N(±)/S(±)	E(±)/W(±) DLS
Tie-In	3726.60	0.76	46.09	3726.16	-20.27	-39.01 0.00
KOP	3808.35	0.76	46.09	3807.90	-19.52	-38.24 0.00
EOC	4558.56	89.49	181.25	4289.79	-492.70	-44.15 12.00
PBHL	7953.09	89.49	181.25	4320.00	-3886.29	-118.41 0.00



Proposal



Report Date: September 8, 2006	Survey / DLS Computation Method: Minimum Curvature / Lubinski
Client: LCX Energy	Vertical Section Azimuth: 181.750°
Field: Eddy County, NM	Vertical Section Origin: N 0.000 ft, E 0.000 ft
Structure / Slot: 1921 State #21 / 1921 State #21	TVD Reference Datum: RKB
Well: 1921 State #21	TVD Reference Elevation: 0.0 ft relative to
Borehole: 1921 State #21	Sea Bed / Ground Level Elevation: 0.000 ft relative to
UWI/API#:	Magnetic Declination: 8.744°
Survey Name / Date: 1921 State #21_r4 / September 8, 2006	Total Field Strength: 49306.012 nT
Tort / AHD / DDI / ERD ratio: 97.208° / 3923.05 ft / 5.846 / 0.908	Magnetic Dip: 60.534°
Grid Coordinate System: NAD27 New Mexico State Planes, Eastern Zone, US Feet	Declination Date: June 01, 2006
Location Lat/Long: N 32 41 40.605, W 104 45 28.612	Magnetic Declination Model: IGRF 2005
Location Grid N/E Y/X: N 616672.500 ftUS, E 369373.200 ftUS	North Reference: Grid North
Grid Convergence Angle: -0.22936329°	Total Corr Mag North -> Grid North: +8.973°
Grid Scale Factor: 0.99992863	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)
In	3726.60	0.76	46.09	3726.16	21.45	-20.27	-39.01	43.97	242.55	0.00	46.09M
	3800.00	0.76	46.09	3799.55	20.76	-19.60	-38.32	43.04	242.91	0.00	46.09M
	3808.35	0.76	46.09	3807.90	20.68	-19.52	-38.24	42.93	242.96	0.00	-178.75M
	3900.00	10.48	178.38	3899.06	28.59	-27.46	-37.57	46.53	233.84	12.00	2.93G
	4000.00	22.47	179.97	3994.78	56.87	-55.76	-37.30	67.08	213.78	12.00	1.39G
P	4100.00	34.47	180.48	4082.53	104.43	-103.33	-37.53	109.94	199.96	12.00	0.94G
	4200.00	46.47	180.75	4158.47	169.20	-168.11	-38.24	172.41	192.82	12.00	0.73G
	4300.00	58.46	180.93	4219.29	248.34	-247.25	-39.42	250.38	189.06	12.00	0.62G
	4400.00	70.46	181.07	4262.31	338.40	-337.31	-40.99	339.79	186.93	12.00	0.57G
	4500.00	82.46	181.19	4285.68	435.44	-434.33	-42.91	436.45	185.64	12.00	0.54G
	4558.56	89.49	181.25	4289.79	493.82	-492.70	-44.15	494.67	185.12	12.00	0.00G
	4600.00	89.49	181.25	4290.15	535.25	-534.13	-45.06	536.02	184.82	0.00	0.00G
	4700.00	89.49	181.25	4291.04	635.25	-634.10	-47.25	635.86	184.26	0.00	0.00G
	4800.00	89.49	181.25	4291.93	735.24	-734.07	-49.43	735.73	183.85	0.00	0.00G
	4900.00	89.49	181.25	4292.82	835.23	-834.04	-51.62	835.64	183.54	0.00	0.00G
	5000.00	89.49	181.25	4293.71	935.22	-934.02	-53.81	935.56	183.30	0.00	0.00G
	5100.00	89.49	181.25	4294.60	1035.22	-1033.99	-56.00	1035.50	183.10	0.00	0.00G
	5200.00	89.49	181.25	4295.49	1135.21	-1133.96	-58.18	1135.45	182.94	0.00	0.00G
	5300.00	89.49	181.25	4296.38	1235.20	-1233.93	-60.37	1235.41	182.80	0.00	0.00G
	5400.00	89.49	181.25	4297.27	1335.19	-1333.90	-62.56	1335.37	182.69	0.00	0.00G
C	5500.00	89.49	181.25	4298.16	1435.18	-1433.88	-64.75	1435.34	182.59	0.00	0.00G
	5600.00	89.49	181.25	4299.05	1535.18	-1533.85	-66.93	1535.31	182.50	0.00	0.00G
	5700.00	89.49	181.25	4299.95	1635.17	-1633.82	-69.12	1635.28	182.42	0.00	0.00G
	5800.00	89.49	181.25	4300.84	1735.16	-1733.79	-71.31	1735.26	182.36	0.00	0.00G
	5900.00	89.49	181.25	4301.73	1835.15	-1833.76	-73.50	1835.24	182.30	0.00	0.00G
	6000.00	89.49	181.25	4302.62	1935.15	-1933.74	-75.68	1935.22	182.24	0.00	0.00G
	6100.00	89.49	181.25	4303.51	2035.14	-2033.71	-77.87	2035.20	182.19	0.00	0.00G
	6200.00	89.49	181.25	4304.40	2135.13	-2133.68	-80.06	2135.18	182.15	0.00	0.00G
	6300.00	89.49	181.25	4305.29	2235.12	-2233.65	-82.25	2235.17	182.11	0.00	0.00G
	6400.00	89.49	181.25	4306.18	2335.11	-2333.62	-84.43	2335.15	182.07	0.00	0.00G
	6500.00	89.49	181.25	4307.07	2435.11	-2433.60	-86.62	2435.14	182.04	0.00	0.00G
	6600.00	89.49	181.25	4307.96	2535.10	-2533.57	-88.81	2535.12	182.01	0.00	0.00G
	6700.00	89.49	181.25	4308.85	2635.09	-2633.54	-91.00	2635.11	181.98	0.00	0.00G
	6800.00	89.49	181.25	4309.74	2735.08	-2733.51	-93.18	2735.10	181.95	0.00	0.00G
	6900.00	89.49	181.25	4310.63	2835.08	-2833.49	-95.37	2835.09	181.93	0.00	0.00G
	7000.00	89.49	181.25	4311.52	2935.07	-2933.46	-97.56	2935.08	181.90	0.00	0.00G
	7100.00	89.49	181.25	4312.41	3035.06	-3033.43	-99.75	3035.07	181.88	0.00	0.00G
	7200.00	89.49	181.25	4313.30	3135.05	-3133.40	-101.93	3135.06	181.86	0.00	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)
	7300.00	89.49	181.25	4314.19	3235.05	-3233.37	-104.12	3235.05	181.84	0.00	0.00G
	7400.00	89.49	181.25	4315.08	3335.04	-3333.35	-106.31	3335.04	181.83	0.00	0.00G
	7500.00	89.49	181.25	4315.97	3435.03	-3433.32	-108.50	3435.03	181.81	0.00	0.00G
	7600.00	89.49	181.25	4316.86	3535.02	-3533.29	-110.68	3535.02	181.79	0.00	0.00G
	7700.00	89.49	181.25	4317.75	3635.01	-3633.26	-112.87	3635.01	181.78	0.00	0.00G
	7800.00	89.49	181.25	4318.64	3735.01	-3733.23	-115.06	3735.01	181.77	0.00	0.00G
	7900.00	89.49	181.25	4319.53	3835.00	-3833.21	-117.25	3835.00	181.75	0.00	0.00G
IHL	7953.09	89.49	181.25	4320.00	3888.09	-3886.29	-118.41	3888.09	181.75	0.00	0.00G