

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

District I
1625 N. French, 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

Form C-105
Revised June 10, 2003

S

CONSERVATION DIVISION

1000 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-015-34911

5. Indicate Type Of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

33038

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. ☐ OTHER ☐
WELL ☒ OVER ☐ BACK ☐ RESVR. ☐

2. Name of Operator

LCX Energy, LLC

3. Address of Operator

110 N. Marienfeld St. Suite 200, Midland, TX 79701

4. Well Location

Unit Letter M : 760 Feet From The SOUTH Line and 660 Feet From The WEST Line

Section 29

Township 18S

Range 23E

NMPM

EDDY

County

10. Date Spudded

10/8/06

11. Date T.D. Reached

11/09/06

12. Date Compl. (Ready to Prod.)

1/16/07

13. Elevations (DF & RKB, RT, GR, etc.)

4041' GR

14. Elev. Casinghead

15. Total Depth

8230'

16. Plug Back T.D.

8184'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

4800' - 8184'

20. Was Directional Survey Made

YES

21. Type Electric and Other Logs Run

CNL DENSITY GR

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#	433'	17 1/2"	658 RFC, 35/65 POZ CL C	
9 5/8"	36#	1522'	12 1/4"	900 PVL, RFC-A, CL C	
5 1/2"	17#	8190'	8 3/4" / 7 7/8"	738 50/50 POZ, 360 PVL	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	4560'	4560'

25. TUBING RECORD

26. Perforation record (interval, size, and number)

8184' - 7350' (50 HOLES), 7150' - 6505' (50 HOLES),
6295' - 5690' (50 HOLES), 5445' - 4800' (50 HOLES),
0.4" HOLES

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
8184' - 4800' 4 STAGES: 777 BBLs 15% HCL, 3736
BBLs SLK BRNE WTR, 4494 BBLs SLK WTR, 6944# 20/40
SND, 33902# LITE PROP 125 20/40, 265 TONS CO2.

28. PRODUCTION

Date First Production 03/06/07	Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING					Well Status (Prod. or Shut-in) PRODUCING	
Date of Test 03/8/07	Hours Tested 24	Choke Size 24/64	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 2048	Water - Bbl. 2	Gas - Oil Ratio
Flow Tubing Press. 1000 PSIG	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 2048	Water - Bbl. 2	Oil Gravity - API -(Corr.)	

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

SOLD

Test Witnessed By

BILLY WALKER

30. List Attachments

LOGS

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Printed Name

KANICIA CARRILLO

Title REGULATORY ANALYST Date 03/14/07

E-mail address

KANICIA@EERONLINE.COM

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 660'	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 1786'	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 2786'	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo 3430'	T.	T. Wingate	T.
T. Wolfcamp 4430'		T. Chinle	T.
T. Penn	T.	T. Permain	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from to No. 3, from to
No. 2, 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
			SEE ATTACHMENT

From	To	Thickness in Feet	Lithology

1823 STATE 291 LITHOLOGY RECORD

Month - Year
MAR 19 2007
OCD - ARTESIA, NM

<u>FROM</u>	<u>TO</u>	<u>THICKNESS IN FEET</u>	<u>LITHOLOGY</u>
1200	1470	270	ANHYDRITE/DOLOMITE
1470	1800	330	DOLOMITE/LIMESTONE
1800	1840	40	DOLOMITE/LIMESTONE/SAND
1840	2120	280	ANHYDRITE/DOLOMITE
2120	2140	20	DOLOMITE
2140	2210	70	ANHYDRITE/DOLOMITE
2210	2280	70	ANHYDRITE/DOLOMITE/LIMESTONE
2280	2420	140	DOLOMITE/SAND/LIMESTONE
2420	2680	240	DOLOMITE/ANHYDRITE/SAND/LIMESTONE
2680	2830	150	DOLOMITE/SAND/SHALE/SILT
2380	2880	500	ANHYDRITE/DOLOMITE/LIMESTONE
2880	3000	120	ANHYDRITE/DOLOMITE
3000	3160	160	DOLOMITE/LIMESTONE/SHALE
3160	3440	280	ANHYDRITE/DOLOMITE/LIMESTONE/SAND/SHALE
3440	3700	260	ANHYDRITE/DOLOMITE/SHALE/LIMESTONE
3700	3780	80	ANHYDRITE/LIME/DOLOMITE
3780	3980	200	ANHYDRITE/DOLOMITE
3980	4000	20	DOLOMITE
4000	6720	2720	DOLOMITE
6720	6770	50	DOLOMITE/LIMESTONE
6770	6910	140	LIMESTONE
6910	6960	50	DOLOMITE/LIMESTONE
6960	7040	80	DOLOMITE
7040	7130	90	DOLOMITE/LIMESTONE
7130	7430	300	DOLOMITE
7430	8100	670	DOLOMITE/LIMESTONE
8100	8250	150	DOLOMITE

S

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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

Month - Year
MAR 19 2007
OCD - ARTESIA, NM

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-34911	² Pool Code	³ Pool Name Four Mile Draw - Wolfcamp
⁴ Property Code 33038	⁵ Property Name 1823 State	⁶ Well Number 291
⁷ OGRID No. 218885	⁸ Operator Name LCX Energy, LLC	⁹ Elevation 4041' GR

¹⁰ Surface Location

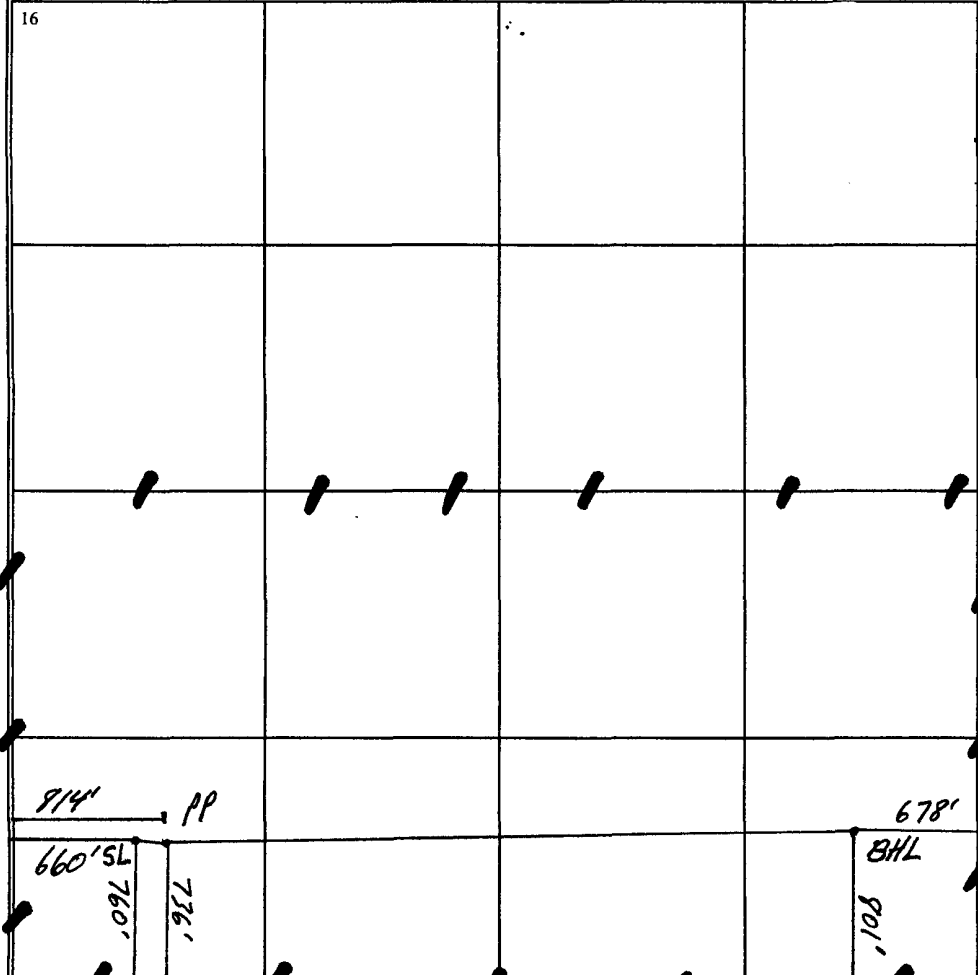
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	T18S	23E		760	South	660	West	Eddy

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
P	29	18S	23E		801	South	678	East	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.  Signature Kanicia Carrillo Printed Name Regulatory, kanicia@eeronline.com Title and E-mail Address 3/14/07 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

A Gyrodata Directional Survey

for

LCX ENERGY

Lease: 1823 State Well: No. 29, 4 1/2" Drillpipe
Location: Big Dog #2, Eddy County, New Mexico

Job Number: MD1006G_299

Run Date: 23 Oct 2006

Surveyor: Thomas Bowden; Anthony Eaton

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.713570 deg. N Longitude: 104.719720 deg. W

Azimuth Correction:

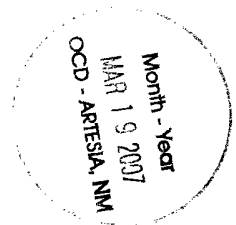
Gyro: Bearings are Relative to True North



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: 1823 State Well: No. 291,4/1/2" Drillpipe

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

Job Number: MD1006G_299

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 TO 4610 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2" DRILLPIPE							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO BIG DOG #9 R.K.B.							

200.00	0.29	214.26	S 34 16 W	0.15	200.00	0.5 214.3	0.43 S 0.29 W
400.00	0.29	225.09	S 45 5 W	0.03	400.00	1.5 217.8	1.20 S 0.93 W
600.00	0.96	162.73	S 17 16 E	0.43	599.99	3.2 194.1	3.15 S 0.79 W
800.00	1.46	167.31	S 12 41 E	0.26	799.94	7.2 177.9	7.23 S 0.26 E
837.40	0.82	183.43	S 3 26 W	1.88	837.33	8.0 177.5	7.96 S 0.35 E
1025.68	1.68	231.23	S 51 14 W	0.68	1025.57	11.2 189.7	11.04 S 1.89 W
1213.96	1.39	243.41	S 63 25 W	0.23	1213.78	15.1 203.8	13.80 S 6.09 W
1402.24	1.16	255.70	S 75 42 W	0.19	1402.02	18.3 213.1	15.29 S 9.99 W
1590.52	1.53	255.76	S 75 46 W	0.19	1590.24	21.7 221.0	16.38 S 14.26 W
1778.80	1.44	255.85	S 75 51 W	0.05	1778.46	25.9 227.2	17.58 S 18.99 W
1967.08	1.50	254.30	S 74 18 W	0.04	1966.68	30.2 231.5	18.82 S 23.65 W
2155.36	1.60	251.18	S 71 11 W	0.07	2154.89	35.0 234.5	20.33 S 28.51 W
2343.64	1.59	250.55	S 70 33 W	0.01	2343.10	40.1 236.6	22.05 S 33.47 W
2531.92	1.66	250.82	S 70 49 W	0.03	2531.30	45.3 238.3	23.82 S 38.51 W
2720.20	1.53	246.35	S 66 21 W	0.09	2719.51	50.4 239.3	25.72 S 43.38 W
2908.48	1.30	246.36	S 66 21 W	0.12	2907.73	55.1 239.9	27.59 S 47.64 W
3096.76	1.13	250.70	S 70 42 W	0.10	3095.97	59.0 240.5	29.05 S 51.34 W
3285.04	1.06	253.68	S 73 41 W	0.05	3284.21	62.5 241.2	30.16 S 54.76 W
3473.32	0.51	245.51	S 65 30 W	0.30	3472.48	65.1 241.5	30.99 S 57.19 W
3661.60	0.34	229.26	S 49 16 W	0.11	3660.75	66.4 241.5	31.71 S 58.38 W

A Gyrodata Directional Survey

LCX Energy

Lease: 1823 State Well: No. 29 1/4" Drillpipe

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

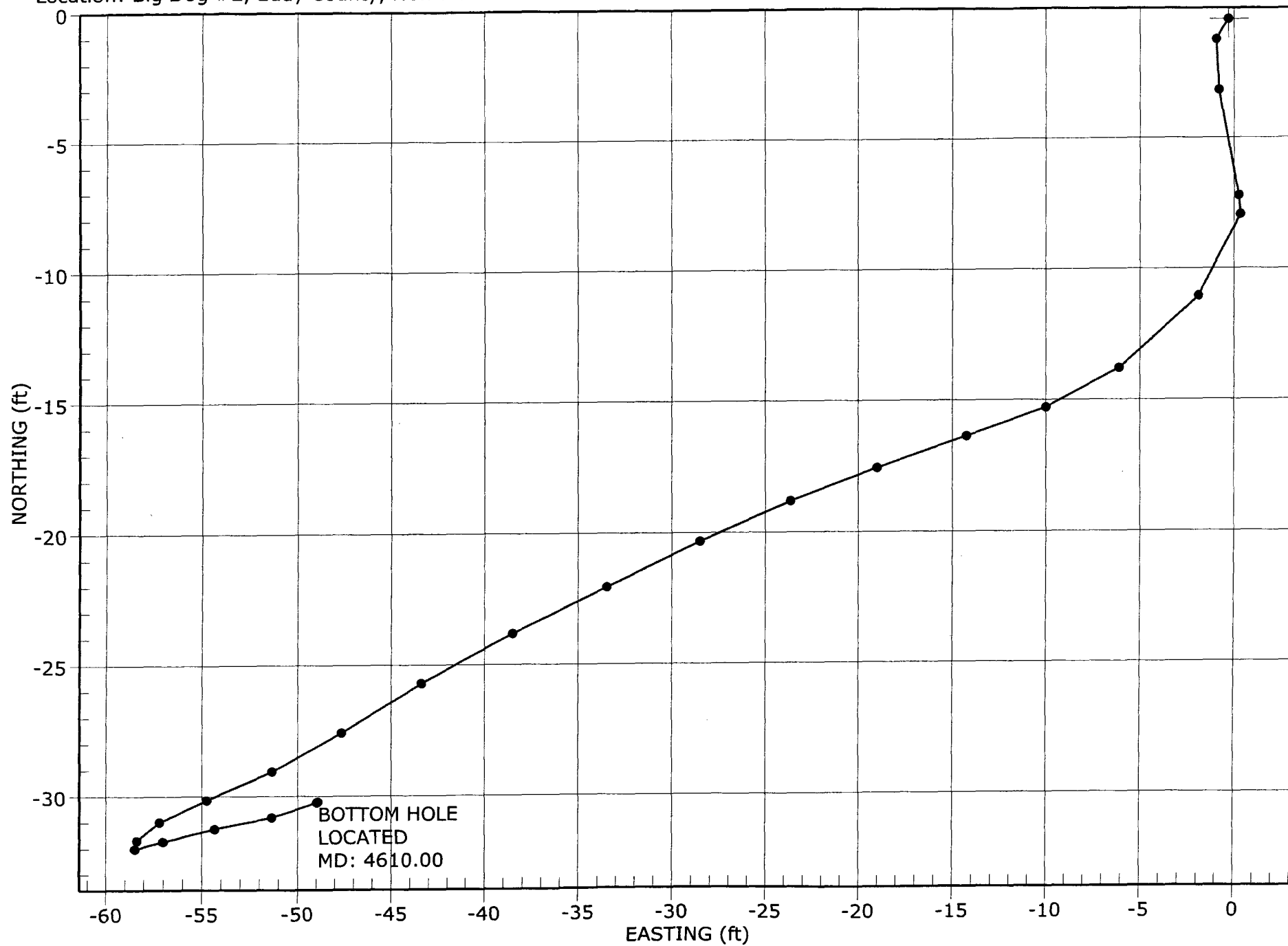
Job Number: MD1006G_299

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
3849.88	0.19	82.79	N 82 47 E	0.27	3849.03	66.7 241.3	32.03 S 58.49 W
4038.16	0.72	77.94	N 77 57 E	0.28	4037.30	65.3 240.9	31.74 S 57.02 W
4226.44	0.95	81.20	N 81 12 E	0.12	4225.56	62.7 240.1	31.26 S 54.32 W
4414.72	0.88	82.30	N 82 18 E	0.04	4413.82	59.9 239.0	30.83 S 51.36 W
4603.00	0.63	68.47	N 68 28 E	0.16	4602.08	57.6 238.3	30.25 S 48.97 W
4610.00	0.55	71.91	N 71 55 E	1.20	4609.08	57.5 238.3	30.23 S 48.90 W

Final Station Closure: Distance: 57.49 ft Az: 238.28 deg.

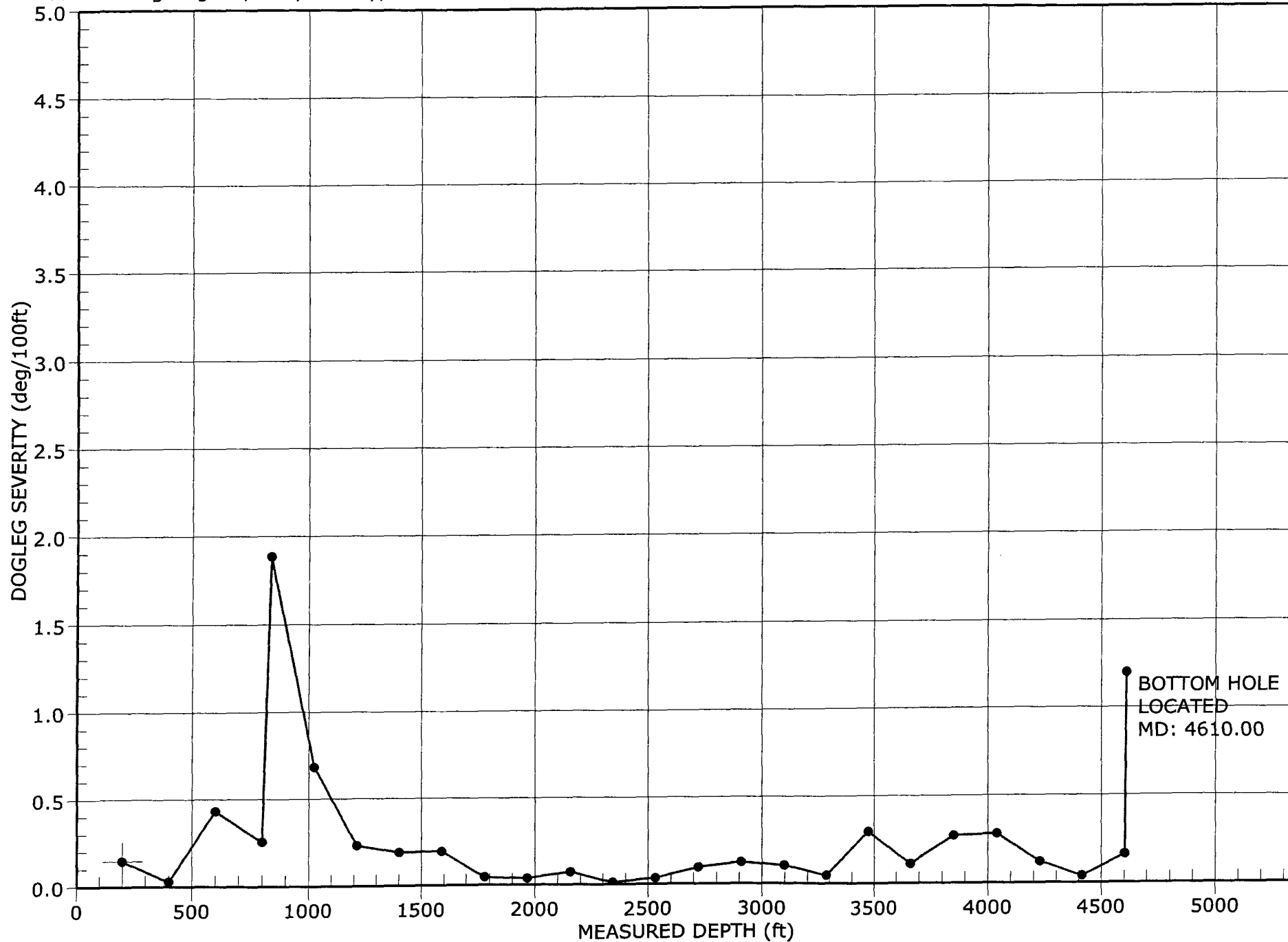
LCX Energy
Well: 1823 State No. 2914/1/2" Drillpipe
Location: Big Dog #2, Eddy County, New Mexico

Outrun
Gyrodata
MD1006G_299 DEFINITIVE



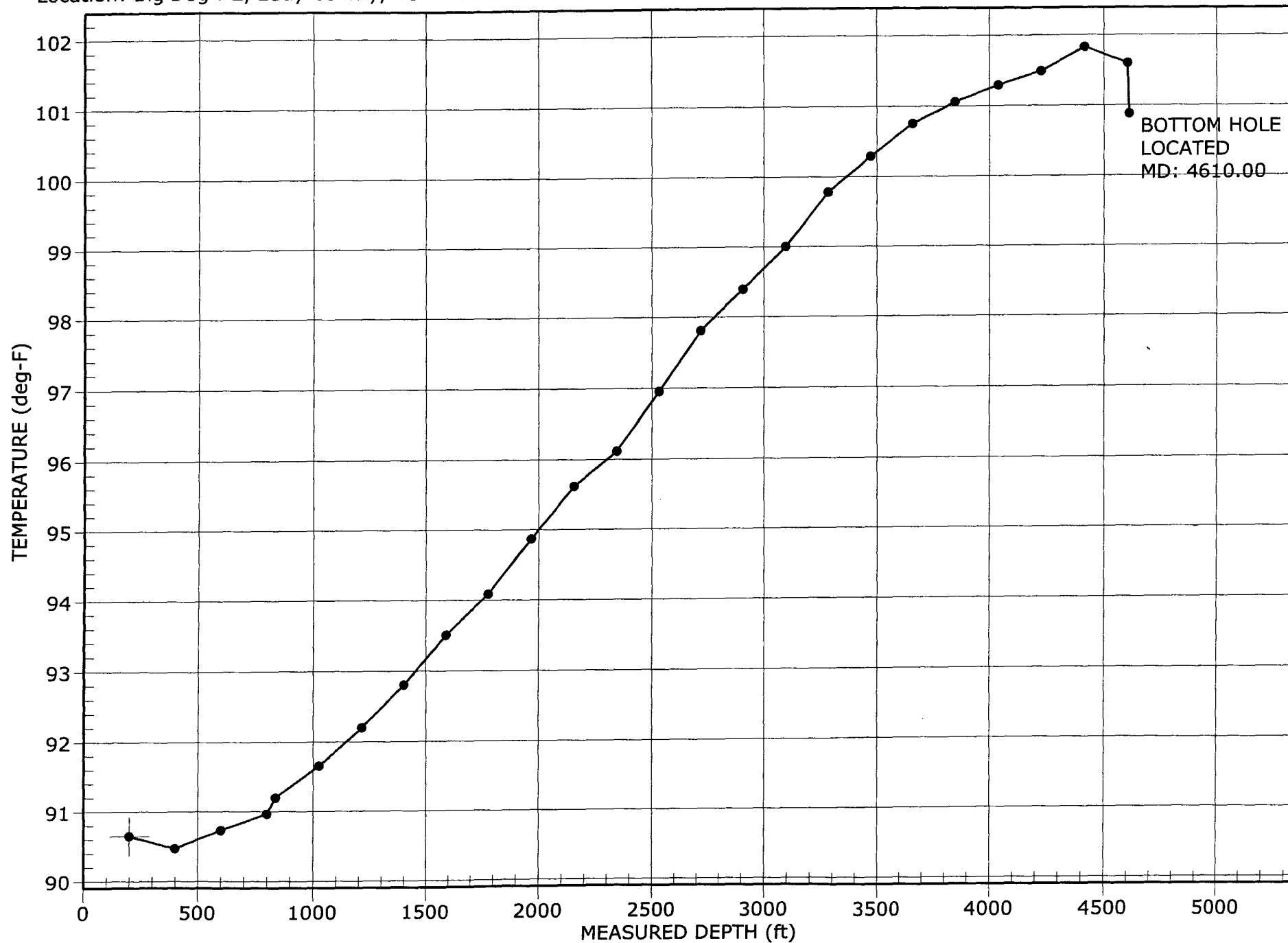
LCX Energy
Well: 1823 State No. 29 4/1/2" Drillpipe
Location: Big Dog #2, Eddy County, New Mexico

Outrun
Gyrodata
MD1006G_299 DEFINITIVE



LCX Energy
Well: 1823 State No. 29 4/1/2" Drillpipe
Location: Big Dog #2, Eddy County, New Mexico

Outrun
Gyrodata
MD1006G_299 DEFINITIVE



Survey Report



INTREPID
Directional Drilling Specialists

Report Date: November 9, 2006	Survey Computation Method: Minimum Curvature / Lubinski
Client: LCX Energy	Vertical Section Azimuth: 89.611°
Field: Eddy County, NM	Vertical Section Origin: N 0.000 ft, E 0.000 ft
Structure / Slot: 1823 State #291 / 1823 State #291	TVD Reference Datum: RKB
Well: 1823 State #291	TVD Reference Elevation: 0.0 ft relative to
Borehole: 1823 State #291	Sea Bed / Ground Level Elevation: 0.000 ft relative to
UWI/API#:	Magnetic Declination: 8.681°
Survey Name / Date: 1823 State #291_surveys / October 31, 2006	Total Field Strength: 49282.496 nT
Tort / AHD / DDI / ERD ratio: 131.976° / 4064.46 ft / 5.987 / 0.893	Magnetic Dip: 60.551°
Grid Coordinate System: NAD27 New Mexico State Planes, Eastern Zone, US Feet	Declination Date: October 31, 2006
Location Lat/Long: N 32 42 48.161, W 104 43 10.889	Magnetic Declination Model: IGRF 2005
Location Grid N/E Y/X: N 623454.400 rUS, E 381167.200 rUS	North Reference: Grid North
Grid Convergence Angle: -0.20880442°	Total Corr Mag North -> Grid North: +8.890°
Grid Scale Factor: 0.99992526	Local Coordinates Referenced To: Well Head

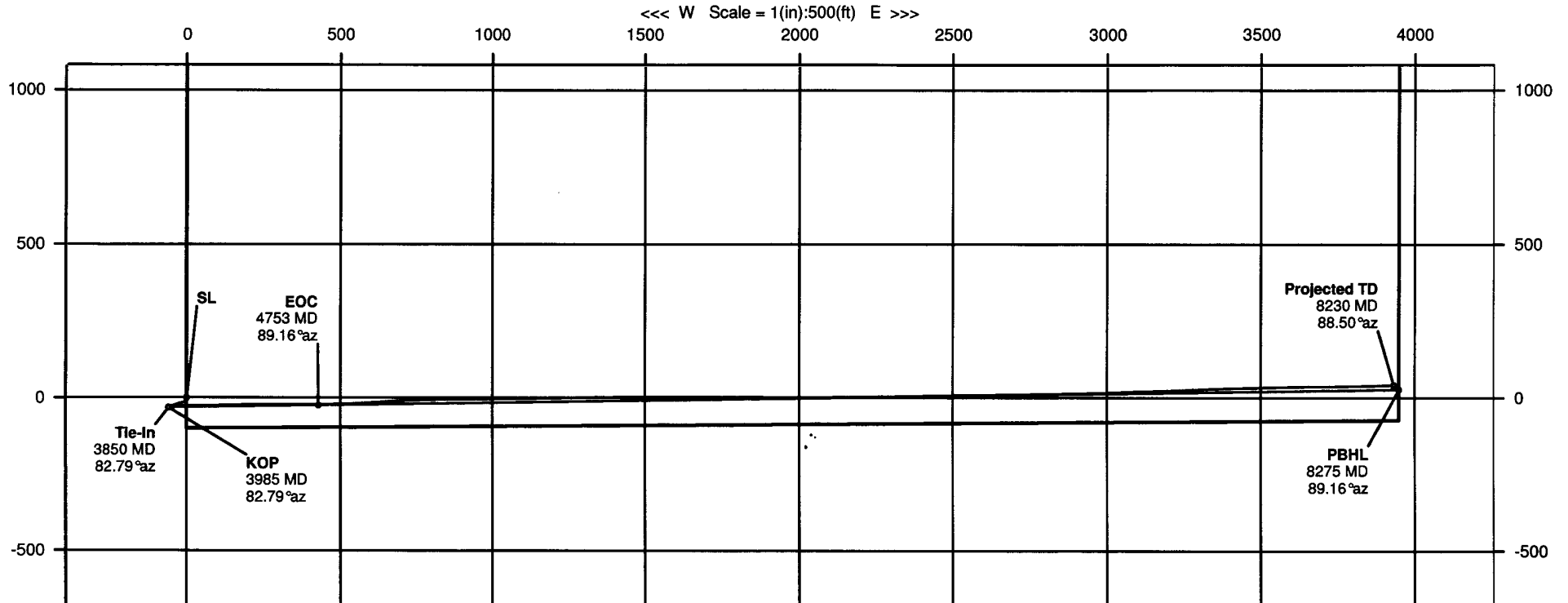
Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)
ie-In	3849.90	0.19	82.79	3849.05	-58.71	-32.03	-58.49	66.68	241.29	0.27
	3921.00	0.50	58.80	3920.15	-58.32	-31.85	-58.11	66.26	241.27	0.47
	3952.00	2.10	77.80	3951.14	-57.65	-31.66	-57.43	65.58	241.13	5.28
	3983.00	5.10	82.40	3982.08	-55.73	-31.36	-55.51	63.76	240.54	9.71
	4015.00	9.00	82.70	4013.83	-51.83	-30.85	-51.62	60.14	239.13	12.19
	4046.00	12.80	83.10	4044.26	-46.01	-30.13	-45.80	54.83	236.66	12.26
	4077.00	16.50	84.50	4074.25	-38.21	-29.30	-38.01	47.99	232.37	11.99
	4108.00	20.10	85.20	4103.68	-28.51	-28.43	-28.32	40.13	224.88	11.63
	4139.00	23.60	85.90	4132.45	-17.00	-27.54	-16.81	32.27	211.41	11.32
	4170.00	27.10	86.90	4160.46	-3.75	-26.72	-3.57	26.95	187.61	11.37
	4202.00	30.30	88.70	4188.52	11.60	-26.14	11.78	28.67	155.74	10.36
	4233.00	33.40	89.80	4214.85	27.96	-25.93	28.14	38.26	132.66	10.17
	4264.00	36.60	89.80	4240.24	45.74	-25.87	45.92	52.70	119.40	10.32
	4295.00	39.40	89.80	4264.67	64.82	-25.80	65.00	69.93	111.65	9.03
	4327.00	42.20	89.00	4288.89	85.73	-25.58	85.90	89.63	106.58	8.90
	4358.00	45.00	88.70	4311.34	107.10	-25.15	107.28	110.18	103.19	9.06
	4390.00	48.00	88.70	4333.36	130.31	-24.62	130.48	132.78	100.69	9.38
	4421.00	51.00	88.70	4353.49	153.88	-24.09	154.04	155.92	98.89	9.68
	4452.00	54.20	88.70	4372.32	178.50	-23.53	178.66	180.20	97.50	10.32
	4483.00	57.70	88.70	4389.67	204.17	-22.95	204.34	205.62	96.41	11.29
	4515.00	60.70	89.00	4406.06	231.66	-22.40	231.81	232.89	95.52	9.41
	4546.00	63.70	89.80	4420.51	259.07	-22.11	259.23	260.17	94.88	9.94
	4577.00	66.50	89.80	4433.56	287.19	-22.01	287.35	288.19	94.38	9.03
	4609.00	69.50	90.10	4445.55	316.86	-21.99	317.01	317.77	93.97	9.42
	4640.00	72.30	90.10	4455.69	346.15	-22.04	346.30	347.00	93.64	9.03
	4672.00	75.30	90.10	4464.62	376.87	-22.09	377.03	377.68	93.35	9.38
	4703.00	78.50	89.80	4471.64	407.06	-22.07	407.22	407.82	93.10	10.37
	4734.00	81.50	89.40	4477.03	437.58	-21.85	437.74	438.29	92.86	9.76
	4766.00	84.60	88.70	4480.90	469.34	-21.33	469.50	469.98	92.60	9.93
	4797.00	87.30	88.30	4483.09	500.26	-20.52	500.41	500.83	92.35	8.80
	4829.00	88.20	88.30	4484.34	532.22	-19.57	532.37	532.73	92.10	2.81
	4860.00	88.90	86.20	4485.13	563.19	-18.08	563.32	563.61	91.84	7.14
	4891.00	90.10	86.20	4485.40	594.13	-16.03	594.25	594.47	91.54	3.87
	4954.00	90.30	86.90	4485.18	657.04	-12.23	657.14	657.25	91.07	1.16
	5016.00	90.10	87.60	4484.96	718.98	-9.26	719.06	719.12	90.74	1.17
	5078.00	90.10	89.00	4484.85	780.97	-7.42	781.04	781.07	90.54	2.26
	5141.00	90.10	89.00	4484.74	843.96	-6.32	844.03	844.05	90.43	0.00
	5204.00	89.90	89.40	4484.74	906.96	-5.44	907.02	907.04	90.34	0.71

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)
	5265.00	89.90	89.40	4484.85	967.96	-4.80	968.02	968.03	90.28	0.00
	5327.00	89.00	89.40	4485.45	1029.96	-4.15	1030.01	1030.02	90.23	1.45
	5390.00	87.60	89.40	4487.31	1092.93	-3.49	1092.98	1092.98	90.18	2.22
	5453.00	87.80	89.00	4489.84	1155.87	-2.62	1155.92	1155.92	90.13	0.71
	5516.00	88.20	88.70	4492.04	1218.83	-1.35	1218.87	1218.87	90.06	0.79
	5579.00	89.00	88.70	4493.58	1281.80	0.08	1281.83	1281.83	90.00	1.27
	5641.00	89.20	88.70	4494.55	1343.79	1.48	1343.81	1343.81	89.94	0.32
	5703.00	89.60	89.70	4495.20	1405.78	2.35	1405.80	1405.80	89.90	1.74
	5766.00	87.60	89.70	4496.74	1468.76	2.68	1468.78	1468.78	89.90	3.17
	5829.00	87.60	89.70	4499.38	1531.70	3.01	1531.72	1531.72	89.89	0.00
	5892.00	89.30	90.20	4501.09	1594.68	3.06	1594.69	1594.70	89.89	2.81
	5955.00	89.10	90.00	4501.97	1657.67	2.95	1657.69	1657.69	89.90	0.45
	6017.00	88.20	89.90	4503.43	1719.65	3.01	1719.67	1719.67	89.90	1.46
	6079.00	88.80	90.40	4505.05	1781.63	2.85	1781.65	1781.65	89.91	1.26
	6142.00	89.00	90.30	4506.26	1844.61	2.46	1844.63	1844.64	89.92	0.35
	6205.00	88.40	90.20	4507.69	1907.59	2.19	1907.62	1907.62	89.93	0.97
	6269.00	87.20	90.30	4510.14	1971.54	1.91	1971.57	1971.57	89.94	1.88
	6333.00	87.80	89.90	4512.94	2035.47	1.79	2035.51	2035.51	89.95	1.13
	6396.00	87.50	89.50	4515.52	2098.42	2.12	2098.45	2098.45	89.94	0.79
	6460.00	87.10	89.50	4518.53	2162.35	2.68	2162.38	2162.38	89.93	0.63
	6524.00	87.30	89.20	4521.66	2226.27	3.41	2226.30	2226.30	89.91	0.56
	6587.00	87.00	89.10	4524.79	2289.19	4.34	2289.21	2289.22	89.89	0.50
	6650.00	88.00	89.00	4527.54	2352.13	5.38	2352.14	2352.15	89.87	1.60
	6714.00	88.40	88.90	4529.55	2416.09	6.56	2416.10	2416.11	89.84	0.64
	6777.00	89.10	89.10	4530.93	2479.07	7.66	2479.08	2479.09	89.82	1.16
	6841.00	90.20	89.40	4531.32	2543.07	8.49	2543.07	2543.08	89.81	1.78
	6905.00	90.20	89.30	4531.09	2607.07	9.22	2607.07	2607.08	89.80	0.16
	6969.00	90.50	89.10	4530.70	2671.06	10.11	2671.06	2671.08	89.78	0.56
	7033.00	90.50	89.00	4530.14	2735.06	11.17	2735.05	2735.07	89.77	0.16
	7097.00	90.50	89.00	4529.59	2799.05	12.29	2799.03	2799.06	89.75	0.00
	7161.00	89.60	89.10	4529.53	2863.05	13.35	2863.02	2863.06	89.73	1.41
	7225.00	89.20	88.80	4530.20	2927.04	14.53	2927.01	2927.05	89.72	0.78
	7289.00	88.70	88.40	4531.37	2991.02	16.09	2990.98	2991.02	89.69	1.00
	7352.00	89.40	87.60	4532.42	3053.99	18.29	3053.93	3053.99	89.66	1.69
	7415.00	89.60	88.10	4532.97	3116.95	20.65	3116.89	3116.95	89.62	0.85
	7479.00	89.10	88.00	4533.69	3180.93	22.83	3180.84	3180.93	89.59	0.80
	7543.00	88.70	87.80	4534.92	3244.88	25.17	3244.79	3244.89	89.56	0.70
	7606.00	88.40	87.40	4536.52	3307.83	27.81	3307.71	3307.83	89.52	0.79
	7669.00	88.20	88.00	4538.38	3370.76	30.34	3370.63	3370.77	89.48	1.00
	7732.00	88.90	89.00	4539.98	3433.73	31.99	3433.59	3433.74	89.47	1.94
	7796.00	88.50	88.40	4541.43	3497.70	33.44	3497.56	3497.72	89.45	1.13
	7860.00	88.40	88.60	4543.16	3561.67	35.11	3561.51	3561.69	89.44	0.35
	7924.00	88.60	89.50	4544.84	3625.64	36.17	3625.48	3625.66	89.43	1.44
	7987.00	88.50	89.50	4546.43	3688.62	36.72	3688.46	3688.64	89.43	0.16
	8051.00	88.30	89.00	4548.22	3752.60	37.56	3752.43	3752.62	89.43	0.84
	8114.00	88.40	88.80	4550.03	3815.57	38.77	3815.39	3815.59	89.42	0.35
	8180.00	88.00	88.50	4552.11	3881.52	40.32	3881.34	3881.55	89.40	0.76
rejected TD	8230.00	88.00	88.50	4553.85	3931.48	* 41.63	3931.29	3931.51	89.39	0.00

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)
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LCX Energy

WELL	1823 State #291	FIELD	Eddy County, NM	STRUCTURE	1823 State #291
Magnetic Parameters Model: IGRF 2006		Surface Location Lat: N32 42 48.161 Lon: W104 43 10.889		Miscellaneous Skt: 1823 State #291 Plan: 1823 State #291 surveys	
Dip: 60.551° Mag Dec: +8.681°		Date: October 31, 2006 FS: 49232.5 nT		TVD Ref: RKB (0.00 ft above) Srvy Date: October 31, 2006	
		NAD27 New Mexico State Planes, Eastern Zone, US Feet 623464.40 NUS 381187.20 EUS Grid Conv: -0.20580442° Scale Fact: 0.9999252023			

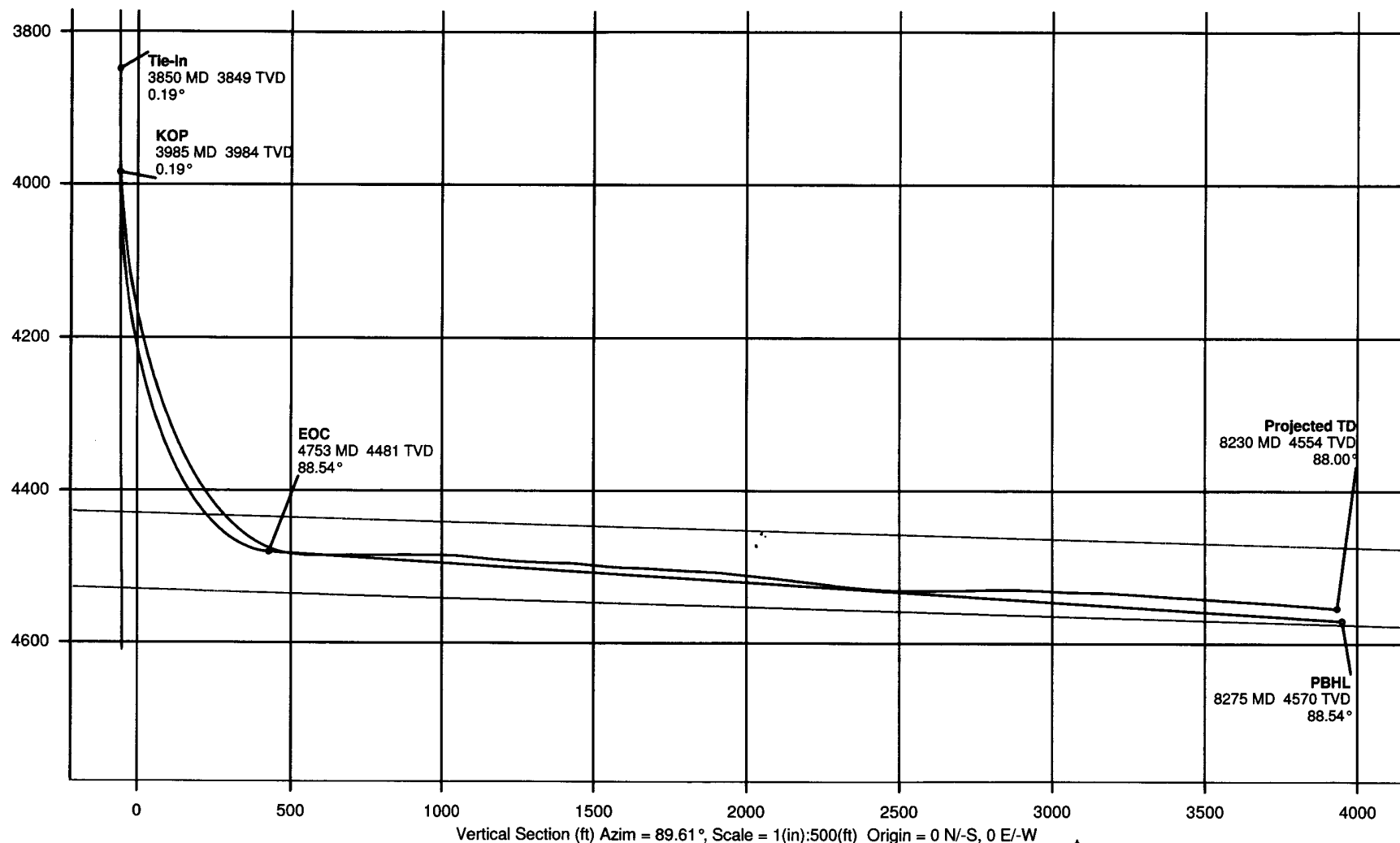


INTREPID
Directional Drilling Specialists



LCX Energy

WELL	1823 State #291	FIELD	Eddy County, NM	STRUCTURE	1823 State #291
Magnetic Parameters Model: IGRF 2005 Dip: 60.551° Date: October 31, 2006 Surface Location Lat: N32 42 48.181 Northing: NAD27 New Mexico State Plane, Eastern Zone, US Feet Mag Dec: -8.681° FS: 49282.5 nT Lon: W104 43 10.689 Easting: 381187.20 NUS * Grid Conv: -0.2086442° Scale Fact: 0.9999252623 Miscellaneous Skid: 1823 State #291 TVD Ref: RKB (0.00 ft above) Plan: 1823 State #291 surveys Surv Date: October 31, 2006					



INTREPID
Directional Drilling Specialists



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
Santa Fe, NM

Form C-104
Revised June 10, 2003

Submit to Appropriate District Office
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Month - Year
MAR 19 2007
OCD - ARTESIA, NM

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address LCX ENERGY, LLC 110 N. MARIENFEL SUITE 200, MIDLAND, TX 79701		² OGRID Number 21885
⁴ API Number 30-0 15-34911	⁵ Pool Name FOUR MILE DRAW - WOLFCAMP	⁶ Pool Code 97415
⁷ Property Code	⁸ Property Name 1823 State	⁹ Well Number 291

II. 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
M	29	18S	23E		760	SOUTH	660	WEST	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	29	18S	23E		801	SOUTH	678	EAST	EDDY
¹² Lse Code	¹³ Producing Method Code FLOWING	¹⁴ Gas Connection Date 3/06/07	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
147831	AGAVE ENERGY CO. 105 S. 4TH STREET ARTESIA, NM 88210		G	ULP, SEC 20, T16S R25E

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description

V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations	³⁰ DHC, MC
10/08/06	01/16/07	8230'	8184'	8184' - 4800'	
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
17 1/2"	13 3/8"	433'	658 RFC, 35/65 POZ CL C		
12 1/4"	9 5/8"	1522'	900 PVL, RFC-A CL C		
8 3/4" & 7 7/8"	5 1/2"	8190'	738 50/50 POZ, 360 PVL		

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
	3/6/07	3/8/07	24 HOURS	1000 PSIG	
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method
24/64		2	2048		FLOWING

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name:
KANICIA CARRILLO

Title:
REGULATORY ANALYST

Email
KANICIA@EERONLINE.COM

Date: 03/14/07

Phone: 432-262-4013

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT

Title:

DISTRICT II GEOLOGIST

Approval Date:

MAR 20 2007