

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



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

WELL API NO.

30-015-34923

5. Indicate Type Of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐

GAS WELL ☒

DRY ☐

OTHER ☐

7. Lease Name or Unit Agreement Name

1823 STATE

b. Type of Completion:

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

OTHER ☐

Month - Year

MAR 19 2007

OCD - ARTESIA, NM

2. Name of Operator

LCX Energy, LLC

8. Well No.

301

3. Address of Operator

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

9. Pool name or Wildcat

- WOLFCAMP

4. Well Location

Unit Letter P : 660 Feet From The SOUTH Line and 760 Feet From The EAST Line

Section 30

Township 18S

Range 23E

NMPM

EDDY

County

10. Date Spudded

08/29/06

11. Date T.D. Reached

10/02/06

12. Date Compl. (Ready to Prod.)

12/13/06

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

4057' GR

14. Elev. Casinghead

15. Total Depth

8246'

16. Plug Back T.D.

8200'

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

8180' - 4600' MD

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#	440'	17 1/2"	650 CL C	
9 5/8"	36#	1516'	12 1/4"	850 CL C/ 1" TBG 775	
5 1/2"	17#	8246'	8 3/4" / 7 7/8"	1256 50/50 POZ PVL	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	4300'	4300'

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

8180' - 7300' (54 HOLES) 7100' - 6380' (50 HOLES),
6150' - 5480' (50 HOLES) 5300' - 4600' (50 HOLES),
0.4" HOLES.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8180' - 4600'	844 BBLs 15% HCL, 4190 BBLs SLK
BRNE WTR, 3763 BB	LS SLK WTR, 7642# 20/40 SD, 39982#
LITE PROP 125	20/40 SD, 290 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 03/08/07	Hours Tested 25	Choke Size 18/64	Prod'n For Test Period	Oil - Bbl.	Gas - MCF 1310	Water - Bbl. 2	Gas - Oil Ratio
Flow Tubing Press. 800	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF 1310	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	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp		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 301 LITHOLOGY RECORD

<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	4650	670	DOLOMITE
4650	4660	10	DOLOMITE/CHERT
4660	4700	40	DOLOMITE/LIMESTONE
4700	7700	3000	LIMESTONE
7700	8240	540	DOLOMITE/LIMESTONE

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State of New Mexico
Energy, Mineral and Natural Resources

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

Form C-102
Revised June 10, 2003

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 30-015-34923	² Pool Code 97415	³ Pool Name Four Mile Draw Wolfcamp
⁴ Property Code	⁵ Property Name 1823 State	⁶ Well Number 301
⁷ OGRID No. 218885	⁸ Operator Name LCX Energy, LLC	⁹ Elevation 4057' GR

¹⁰ Surface Location

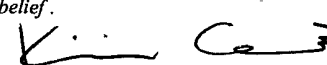
UL or lot no. P	Section 30	Township 18S	Range 23E	Lot. Idn	Feet from the 660	North/South line South	Feet from the 760	East/West line East	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. A	Section 30	Township 18S	Range 23E	Lot. Idn	Feet from the 663	North/South line North	Feet from the 862	East/West line East	County Eddy
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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 03/14/07 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

Handwritten notes on the plat:
- 663' (vertical)
- BHL (horizontal)
- 862' (horizontal)
- P.P. (vertical)
- 744' (horizontal)
- 760' (horizontal)
- 660' (vertical)
- 1518' (vertical)



A Gyrodata Directional Survey

for

LCX ENERGY

Lease: 1823 State Well: No. 301, 4-1/2 Drillpipe
Location: Big Dog # 2, Eddy County, New Mexico

Job Number: MD0906G_273

Run Date: 17 Sep 2006

Surveyor: James King; Joe Sharp

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.713089 deg. N Longitude: 104.724314 deg. E

Azimuth Correction:

Gyro: 0.21000 deg East to Grid North

Proposed Well Direction: 1.570 deg

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. 301, 4-1/2 Drillpipe

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

Job Number: MD0906G_273

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.00	0.00	0.00	0.0	0.00	0.00	0.0 0.0	0.00 N 0.00 E

0 - 4554 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2 DRILLPIPE							
TOOL RUN IN BATTERY MODE ON THIRD PARTY SLICK LINE UNIT							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO BIG DOG RIG 2 RKB (+17 FT)							

100.00	0.25	214.17	-0.2	0.25	100.00	0.2 214.2	0.18 S 0.12 W
300.00	0.64	175.08	-1.6	0.24	299.99	1.7 189.2	1.64 S 0.27 W
500.00	0.88	199.09	-4.2	0.20	499.98	4.3 189.1	4.21 S 0.67 W
700.00	1.65	206.01	-8.3	0.39	699.93	8.6 196.5	8.25 S 2.44 W
900.00	2.46	216.53	-14.4	0.44	899.80	15.6 203.7	14.29 S 6.26 W
1100.00	2.51	216.57	-21.6	0.03	1099.61	24.1 208.3	21.26 S 11.43 W
1300.00	2.64	214.25	-29.0	0.08	1299.41	33.1 210.2	28.60 S 16.64 W
1500.00	1.89	210.72	-35.8	0.38	1499.25	41.0 210.7	35.25 S 20.92 W
1700.00	1.83	210.24	-41.5	0.03	1699.14	47.5 210.7	40.84 S 24.21 W
1900.00	1.71	215.83	-46.8	0.10	1899.05	53.6 210.9	46.01 S 27.56 W
2100.00	1.59	219.52	-51.4	0.08	2098.96	59.3 211.6	50.57 S 31.07 W
2300.00	1.61	220.62	-55.8	0.02	2298.89	64.9 212.3	54.83 S 34.66 W
2500.00	1.28	221.39	-59.7	0.16	2498.82	69.9 212.9	58.64 S 37.97 W
2700.00	1.31	217.24	-63.2	0.05	2698.77	74.4 213.3	62.14 S 40.83 W
2900.00	1.08	216.10	-66.6	0.12	2898.73	78.5 213.5	65.48 S 43.32 W
3100.00	0.68	212.86	-69.2	0.20	3098.70	81.6 213.5	68.00 S 45.07 W
3300.00	0.49	210.06	-71.0	0.10	3298.69	83.6 213.5	69.72 S 46.14 W
3500.00	0.12	217.03	-71.9	0.18	3498.69	84.7 213.5	70.62 S 46.69 W
3700.00	0.02	112.12	-72.1	0.06	3698.69	84.9 213.5	70.81 S 46.78 W

A Gyrodata Directional Survey

LCX Energy

Lease: 1823 State Well: No. 301, 4-1/2 Drillpipe

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

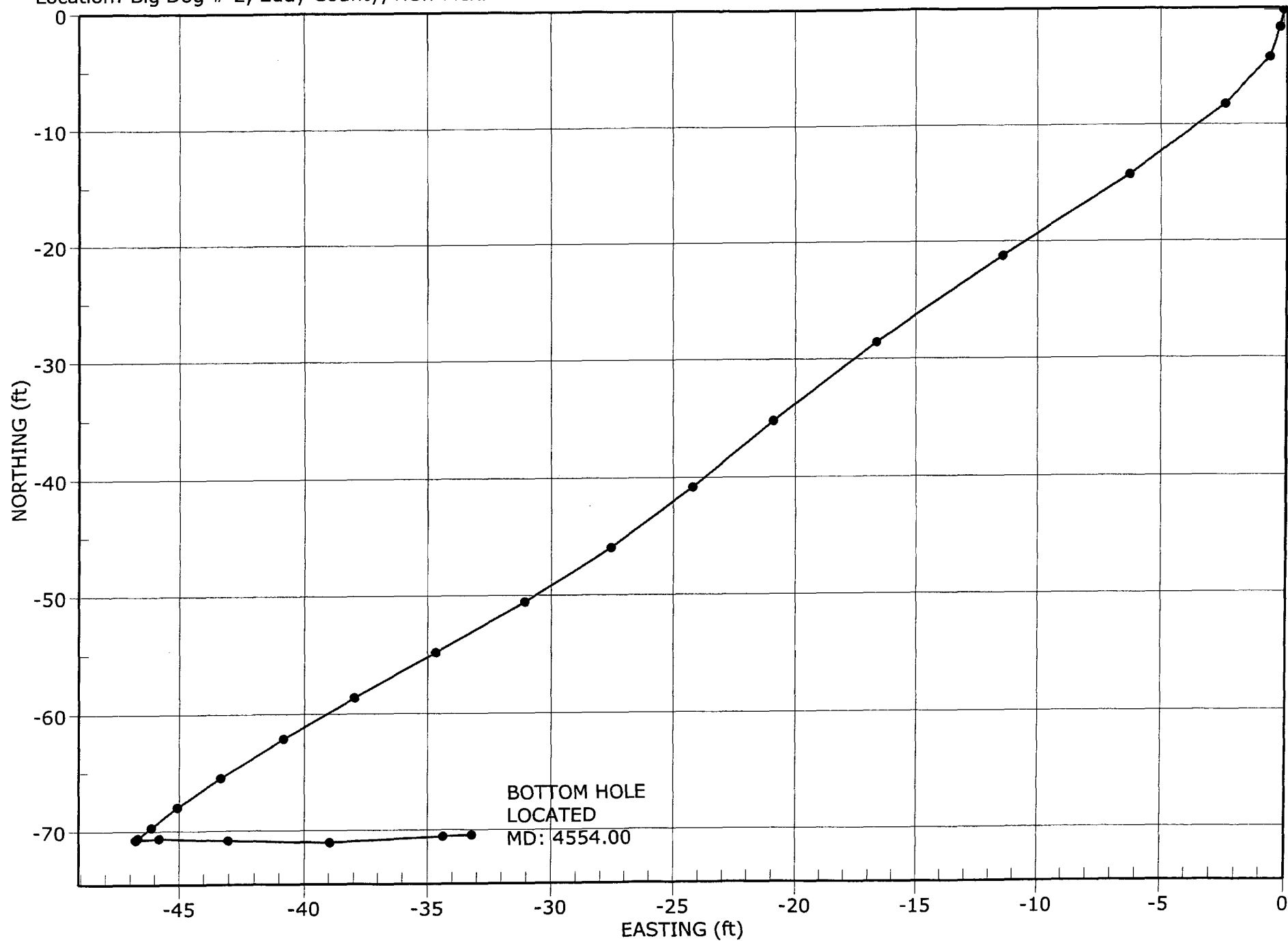
Job Number: MD0906G_273

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
3900.00	0.54	80.36	-71.9	0.26	3898.69	84.2 213.0	70.66 S 45.82 W
4100.00	1.08	101.09	-72.0	0.30	4098.67	82.9 211.3	70.87 S 43.03 W
4300.00	1.27	86.08	-72.1	0.18	4298.63	81.1 208.7	71.08 S 38.96 W
4500.00	1.38	82.00	-71.5	0.07	4498.57	78.5 206.0	70.59 S 34.36 W
4554.00	1.12	87.23	-71.4	0.53	4552.56	77.9 205.2	70.48 S 33.20 W

Final Station Closure: Distance: 77.90 ft Az: 205.22 deg.

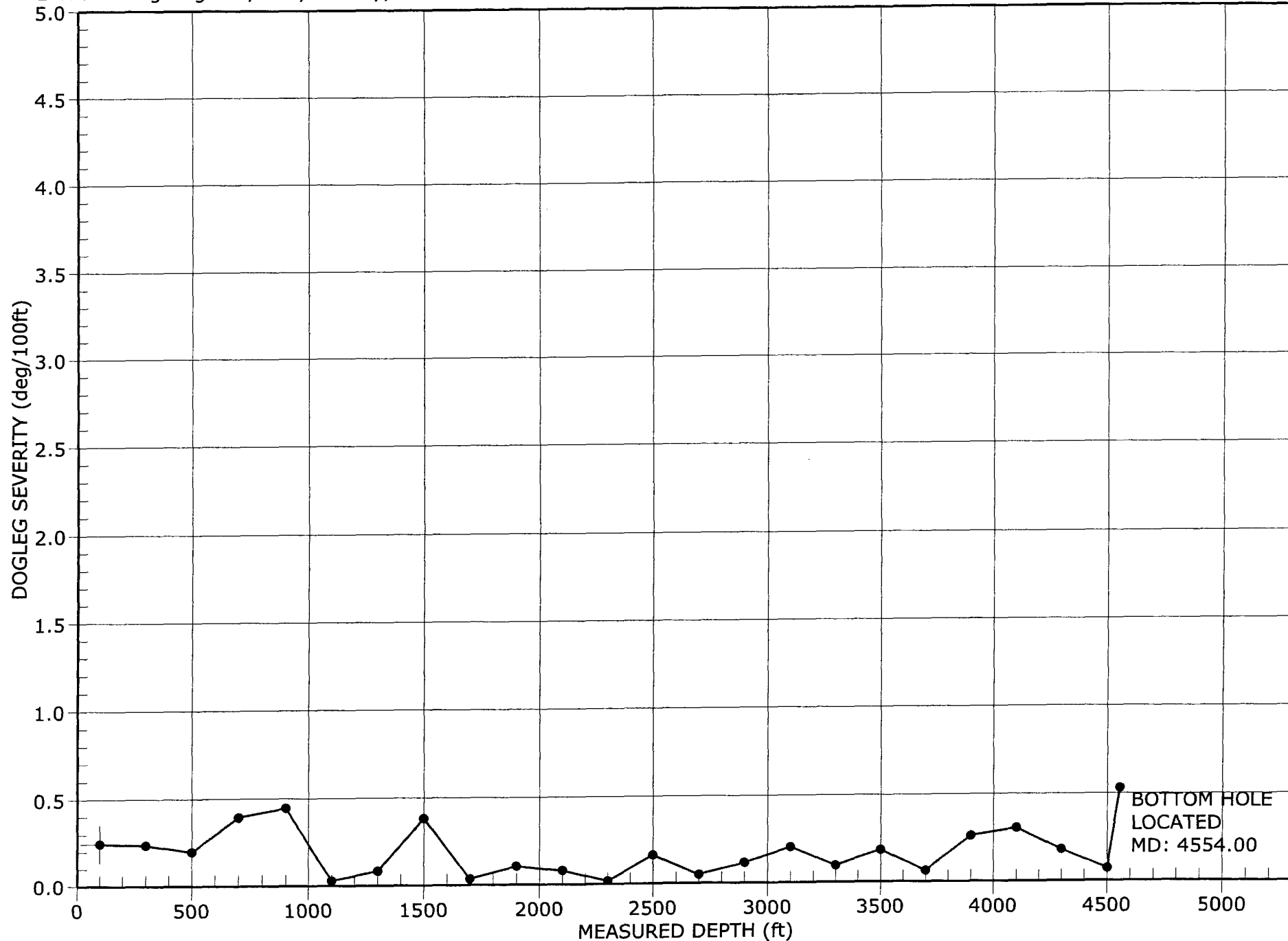
LCX Energy
Well: 1823 State No. 301 4-1/2 Drillpipe
Location: Big Dog # 2, Eddy County, New Mexico

Outrun
Gyrodata
MD0906G_273 DEFINITIVE



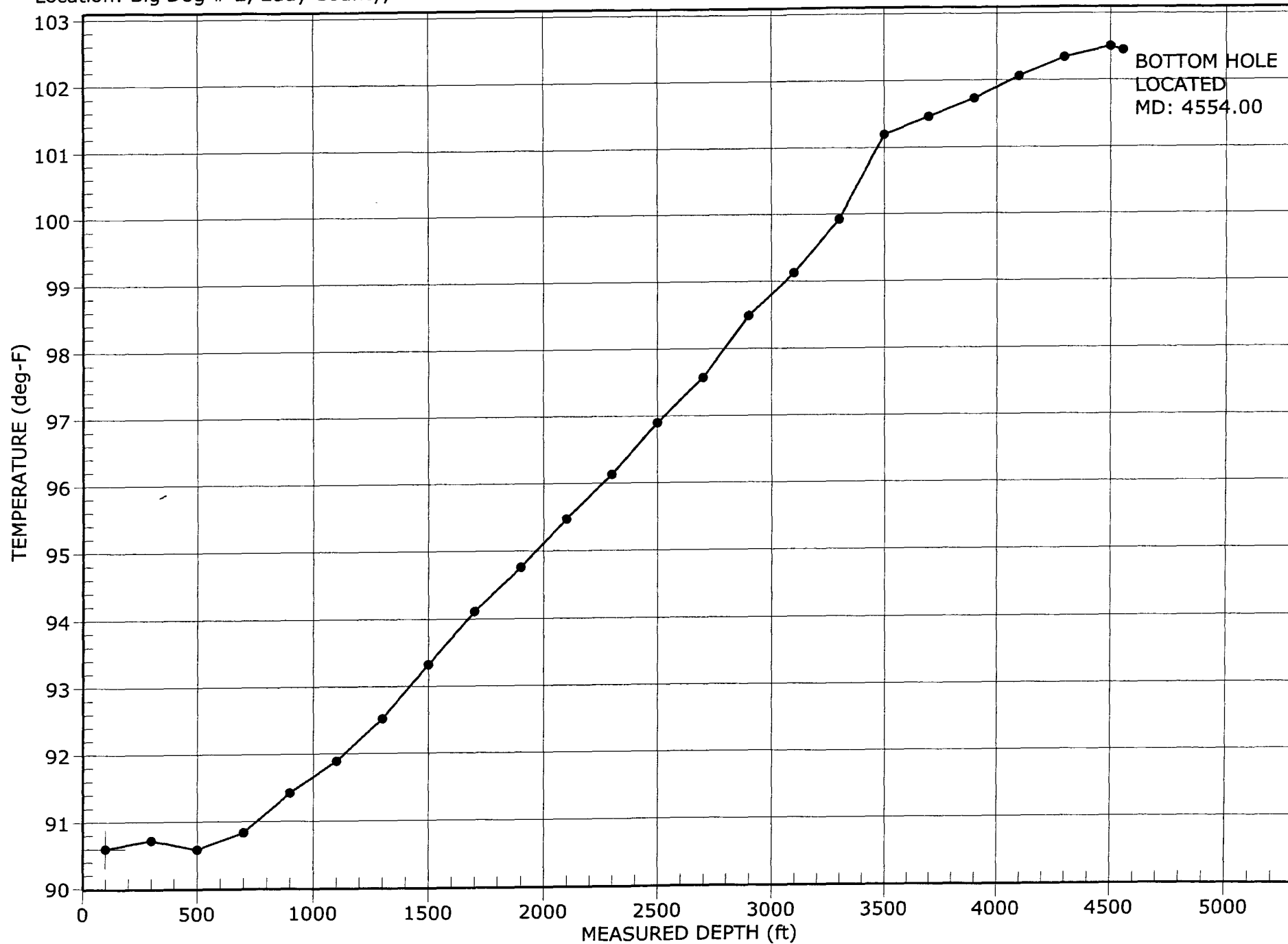
LCX Energy
Well: 1823 State No. 301 4-1/2 Drillpipe
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Outrun
Gyrodata
MD0906G_273 DEFINITIVE



LCX Energy
Well: 1823 State No. 301 4-1/2 Drillpipe
Location: Big Dog # 2, Eddy County, New Mexico

Outrun
Gyrodata
MD0906G_273 DEFINITIVE



Survey Report

Report Date: October 11, 2006
 Client: LCX Energy
 Field: Eddy County, NM
 Structure / Slot: 1823 State #301 / 1823 State #301
 Well: 1823 State #301
 Borehole: 1823 State #301
 UW/AP#:
 Survey Name / Date: 1823 State #301_surveys / September 27, 2006
 Tort / AHD / DDI / ERD ratio: 139.655° / 4112.14 ft / 6.027 / 0.926
 Grid Coordinate System: NAD27 New Mexico State Planes, Eastern Zone, US Feet
 Location Lat/Long: N 32 42 47.115, W 104 43 27.531
 Location Grid N/E Y/X: N 623354.000 ftUS, E 379745.000 ftUS
 Grid Convergence Angle: -0.21130109°
 Grid Scale Factor: 0.99992565

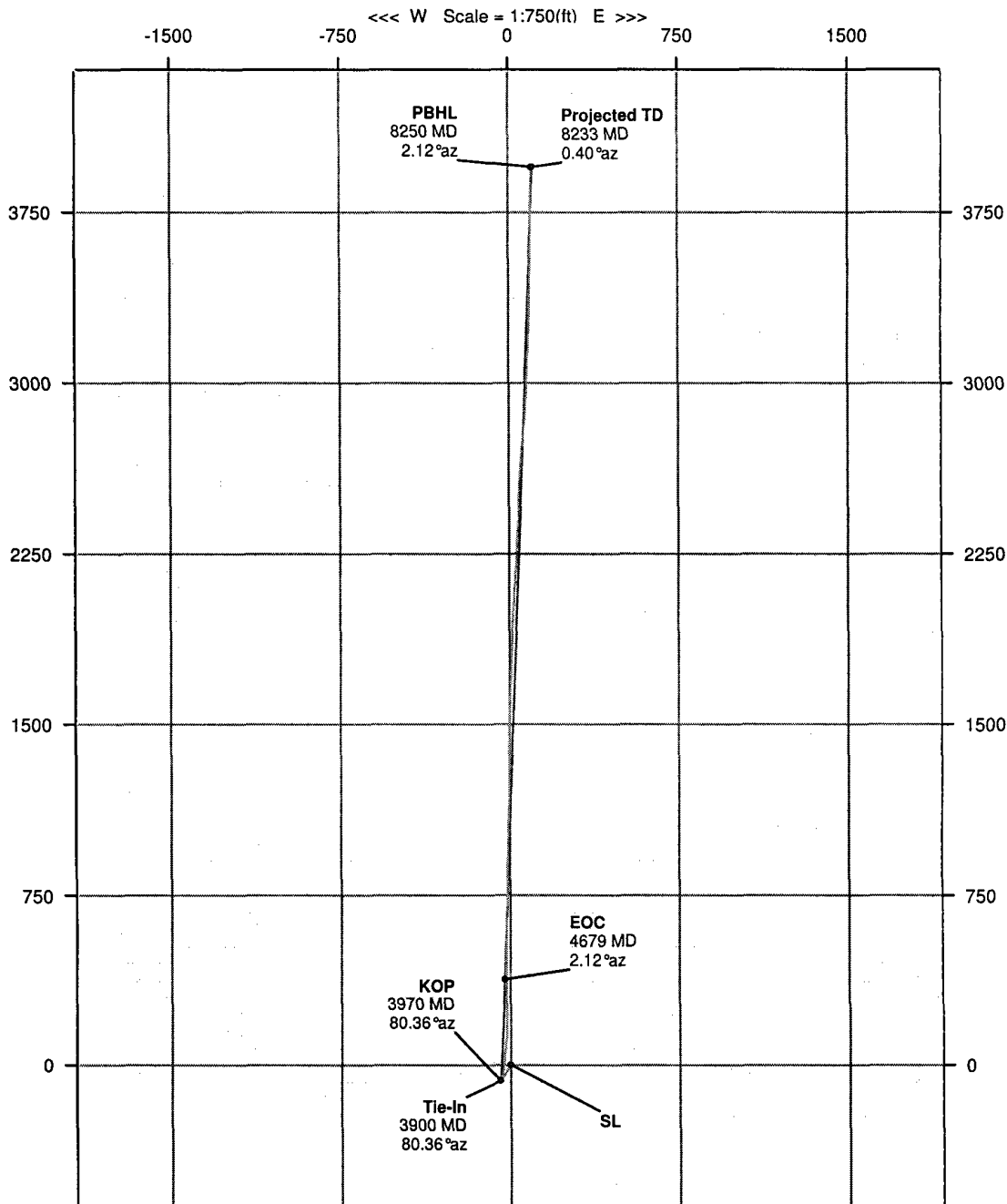


Survey / DLS Computation Method: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 1.568°
 Vertical Section Origin: N 0.000 ft, E 0.000 ft
 TVD Reference Datum: RKB
 TVD Reference Elevation: 0.0 ft relative to
 Sea Bed / Ground Level Elevation: 0.000 ft relative to
 Magnetic Declination: 8.694°
 Total Field Strength: 49290.731 nT
 Magnetic Dip: 60.551°
 Declination Date: September 27, 2006
 Magnetic Declination Model: IGRF 2005
 North Reference: Grid North
 Total Corr Mag North -> Grid North: +8.905°
 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	3900.00	0.54	80.36	3898.69	-71.89	-70.66	-45.81	84.21	212.96	0.00	106.40M
	3923.00	0.70	106.40	3921.69	-71.90	-70.68	-45.57	84.10	212.81	1.39	76.50M
	3954.00	1.20	76.50	3952.68	-71.87	-70.66	-45.08	83.81	212.53	2.22	25.90M
	3985.00	2.70	25.90	3983.67	-71.12	-69.93	-44.44	82.85	212.44	6.93	17.10M
	4017.00	6.90	17.10	4015.55	-68.58	-67.41	-43.55	80.25	212.86	13.29	-2.13G
	4048.00	11.90	16.20	4046.12	-63.69	-62.56	-42.11	75.41	213.94	16.14	-1.67G
	4079.00	16.90	15.70	4076.14	-56.22	-55.15	-39.99	68.12	215.95	16.13	-9.93G
	4110.00	21.80	13.40	4105.38	-46.21	-45.20	-37.44	58.69	219.63	15.99	-12.82G
	4142.00	26.30	11.10	4134.59	-33.40	-32.46	-34.70	47.51	226.91	14.36	-25.32G
	4173.00	30.30	7.40	4161.88	-18.84	-17.96	-32.37	37.01	240.98	14.08	-17.32G
	4203.00	33.50	5.60	4187.35	-3.05	-2.21	-30.58	30.66	265.87	11.13	8.67G
	4234.00	37.50	6.60	4212.58	14.89	15.69	-28.66	32.67	298.69	13.04	-2.91G
	4264.00	41.40	6.30	4235.74	33.88	34.62	-26.52	43.61	322.55	13.02	-9.33G
	4296.00	45.30	5.40	4259.01	55.79	56.47	-24.29	61.47	336.73	12.34	0.00G
	4327.00	49.40	5.40	4280.01	78.53	79.17	-22.15	82.20	344.37	13.23	2.30G
	4358.00	53.40	5.60	4299.34	102.70	103.28	-19.82	105.16	349.13	12.91	-16.48G
	4389.00	57.10	4.30	4317.01	128.12	128.65	-17.63	129.85	352.20	12.42	-30.35G
	4420.00	60.70	1.90	4333.02	154.64	155.15	-16.21	155.99	354.04	13.37	-24.94G
	4451.00	63.40	0.50	4347.55	182.02	182.52	-15.64	183.19	355.10	9.58	-81.08G
	4482.00	63.50	359.80	4361.41	209.75	210.25	-15.57	210.83	355.77	2.05	-3.50G
	4514.00	66.50	359.60	4374.93	238.73	239.25	-15.72	239.77	356.24	9.39	-9.38G
	4546.00	70.50	358.90	4386.66	268.47	269.01	-16.11	269.50	356.57	12.66	-9.58G
	4577.00	74.50	358.20	4395.98	297.99	298.56	-16.86	299.04	356.77	13.08	3.27G
	4609.00	76.20	358.30	4404.07	328.90	329.51	-17.81	329.99	356.91	5.32	12.31G
	4640.00	78.90	358.90	4410.75	359.12	359.77	-18.54	360.24	357.05	8.91	12.60G
	4671.00	82.90	359.80	4415.65	389.71	390.37	-18.89	390.82	357.23	13.22	16.16G
	4702.00	86.00	0.70	4418.65	420.55	421.22	-18.75	421.64	357.45	10.41	44.94G
	4734.00	86.10	0.80	4420.86	452.47	453.14	-18.34	453.51	357.68	0.44	0.00G
	4796.00	88.00	0.80	4424.05	514.38	515.05	-17.47	515.34	358.06	3.06	-153.45G
	4859.00	87.80	0.70	4426.36	577.33	578.00	-16.65	578.24	358.35	0.35	45.00G
	4922.00	88.60	1.50	4428.33	640.29	640.96	-15.44	641.14	358.62	1.80	-14.03G
	4985.00	89.00	1.40	4429.65	703.28	703.92	-13.85	704.06	358.87	0.65	-7.13G
	5048.00	89.80	1.30	4430.31	766.28	766.90	-12.36	767.00	359.08	1.28	5.19G
	5110.00	90.90	1.40	4429.93	828.27	828.88	-10.90	828.95	359.25	1.78	-45.00G
	5173.00	91.00	1.30	4428.89	891.26	891.86	-9.42	891.91	359.40	0.22	-135.00G
	5236.00	90.90	1.20	4427.85	954.25	954.83	-8.04	954.87	359.52	0.22	30.96G
	5299.00	91.40	1.50	4426.58	1017.24	1017.80	-6.56	1017.82	359.63	0.93	-167.90G
	5361.00	90.00	1.20	4425.82	1079.23	1079.78	-5.10	1079.79	359.73	2.31	-11.31G

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)
	5423.00	90.50	1.10	4425.55	1141.23	1141.77	-3.85	1141.77	359.81	0.82	-139.40G
	5486.00	89.80	0.50	4425.39	1204.23	1204.76	-2.97	1204.76	359.86	1.46	180.00G
	5548.00	89.30	0.50	4425.88	1266.21	1266.75	-2.43	1266.76	359.89	0.81	-153.44G
	5611.00	89.10	0.40	4426.75	1329.19	1329.75	-1.94	1329.75	359.92	0.35	-153.44G
	5673.00	88.90	0.30	4427.84	1391.17	1391.73	-1.56	1391.74	359.94	0.36	-90.00G
	5736.00	88.90	0.10	4429.05	1454.14	1454.72	-1.34	1454.72	359.95	0.32	77.01G
	5799.00	89.20	1.40	4430.09	1517.13	1517.71	-0.52	1517.71	359.98	2.12	39.81G
	5861.00	89.80	1.90	4430.63	1579.12	1579.68	1.27	1579.68	0.05	1.26	66.80G
	5924.00	90.10	2.60	4430.69	1642.12	1642.63	3.74	1642.63	0.13	1.21	-160.02G
	5987.00	89.00	2.20	4431.18	1705.11	1705.57	6.38	1705.58	0.21	1.86	-141.35G
	6050.00	88.50	1.80	4432.56	1768.09	1768.52	8.58	1768.54	0.28	1.02	41.19G
	6112.00	89.30	2.50	4433.75	1830.07	1830.46	10.91	1830.49	0.34	1.71	90.00G
	6174.00	89.30	2.70	4434.50	1892.06	1892.39	13.72	1892.44	0.42	0.32	16.70G
	6236.00	90.30	3.00	4434.72	1954.04	1954.32	16.80	1954.39	0.49	1.68	32.46G
	6299.00	91.40	3.70	4433.79	2017.00	2017.20	20.48	2017.30	0.58	2.07	180.00G
	6362.00	91.10	3.70	4432.41	2079.95	2080.05	24.55	2080.20	0.68	0.48	-105.94G
	6426.00	90.90	3.00	4431.29	2143.90	2143.93	28.28	2144.12	0.76	1.14	90.00G
	6490.00	90.90	3.10	4430.29	2207.88	2207.84	31.69	2208.06	0.82	0.16	-169.38G
	6554.00	89.30	2.80	4430.18	2271.85	2271.75	34.98	2272.02	0.88	2.54	-153.44G
	6617.00	89.10	2.70	4431.06	2334.84	2334.67	38.01	2334.98	0.93	0.35	33.69G
	6681.00	90.00	3.30	4431.56	2398.81	2398.58	41.36	2398.94	0.99	1.69	-126.03G
	6744.00	89.20	2.20	4432.00	2461.80	2461.50	44.38	2461.90	1.03	2.16	158.20G
	6808.00	88.70	2.40	4433.17	2525.78	2525.44	46.95	2525.88	1.06	0.84	41.19G
	6871.00	90.30	3.80	4433.72	2588.75	2588.34	50.35	2588.83	1.11	3.37	-147.99G
	6935.00	89.50	3.30	4433.83	2652.71	2652.22	54.32	2652.77	1.17	1.47	90.00G
	6996.00	89.50	4.10	4434.37	2713.67	2713.09	58.25	2713.71	1.23	1.31	61.93G
	7061.00	90.30	5.60	4434.48	2778.56	2777.85	63.75	2778.59	1.31	2.62	-108.43G
	7126.00	89.80	4.10	4434.42	2843.45	2842.62	69.24	2843.46	1.40	2.43	-171.87G
	7189.00	88.40	3.90	4435.41	2906.38	2905.46	73.64	2906.39	1.45	2.24	-90.00G
	7253.00	88.40	3.80	4437.20	2970.31	2969.29	77.93	2970.31	1.50	0.16	-98.14G
	7315.00	88.30	3.10	4438.98	3032.25	3031.15	81.66	3032.25	1.54	1.14	-36.87G
	7379.00	89.10	2.50	4440.44	3096.22	3095.05	84.79	3096.22	1.57	1.56	180.00G
	7442.00	88.80	2.50	4441.59	3159.20	3157.98	87.53	3159.20	1.59	0.48	-49.40G
	7506.00	89.40	1.80	4442.60	3223.18	3221.93	89.93	3223.19	1.60	1.44	-39.29G
	7569.00	90.50	0.90	4442.65	3286.18	3284.91	91.42	3286.18	1.59	2.26	-108.43G
	7633.00	90.40	0.60	4442.15	3350.17	3348.90	92.26	3350.17	1.58	0.49	44.99G
	7696.00	91.40	1.60	4441.16	3413.16	3411.88	93.47	3413.16	1.57	2.24	-141.34G
	7760.00	90.90	1.20	4439.87	3477.15	3475.85	95.03	3477.15	1.57	1.00	18.43G
	7824.00	91.20	1.30	4438.70	3541.14	3539.82	96.43	3541.14	1.56	0.49	180.00G
	7887.00	90.60	1.30	4437.71	3604.13	3602.80	97.85	3604.13	1.56	0.95	-110.55G
	7951.00	90.30	0.50	4437.21	3668.12	3666.79	98.86	3668.12	1.54	1.33	90.00G
	8014.00	90.30	0.80	4436.88	3731.11	3729.78	99.57	3731.11	1.53	0.48	-90.00G
	8078.00	90.30	0.50	4436.54	3795.10	3793.78	100.30	3795.11	1.51	0.47	59.03G
	8142.00	90.60	1.00	4436.04	3859.09	3857.77	101.14	3859.10	1.50	0.91	-129.80G
	8183.00	90.10	0.40	4435.79	3900.09	3898.77	101.64	3900.09	1.49	1.90	0.00G
ected TD	8233.00	90.10	0.40	4435.70	3950.08	3948.77	101.99	3950.08	1.48	0.00	0.00G

WELL	1823 State #301	FIELD	Eddy County, NM	STRUCTURE	1823 State #301
Magnetic Parameters Model: IGRF 2005		Surface Location Lat: N32 42 47.115 Lon: W104 43 27.531		Miscellaneous Slot: 1823 State #301 Plan: 1823 State #301 surveys	
Dip: 60.551° Mag Dec: +8.894°		Date: September 27, 2006 FS: 49290.7 mT		TVD Ref: RKB (0.00 ft above) Srvy Date: Wed 01:43 PM September 27, 2006	
		NAD27 New Mexico State Plane, Eastern Zone, US Feet Northing: 623354.00 RUS Easting: 379745.00 RUS Grid Conv: -0.21130109° Scale Fact: 0.9999256517			

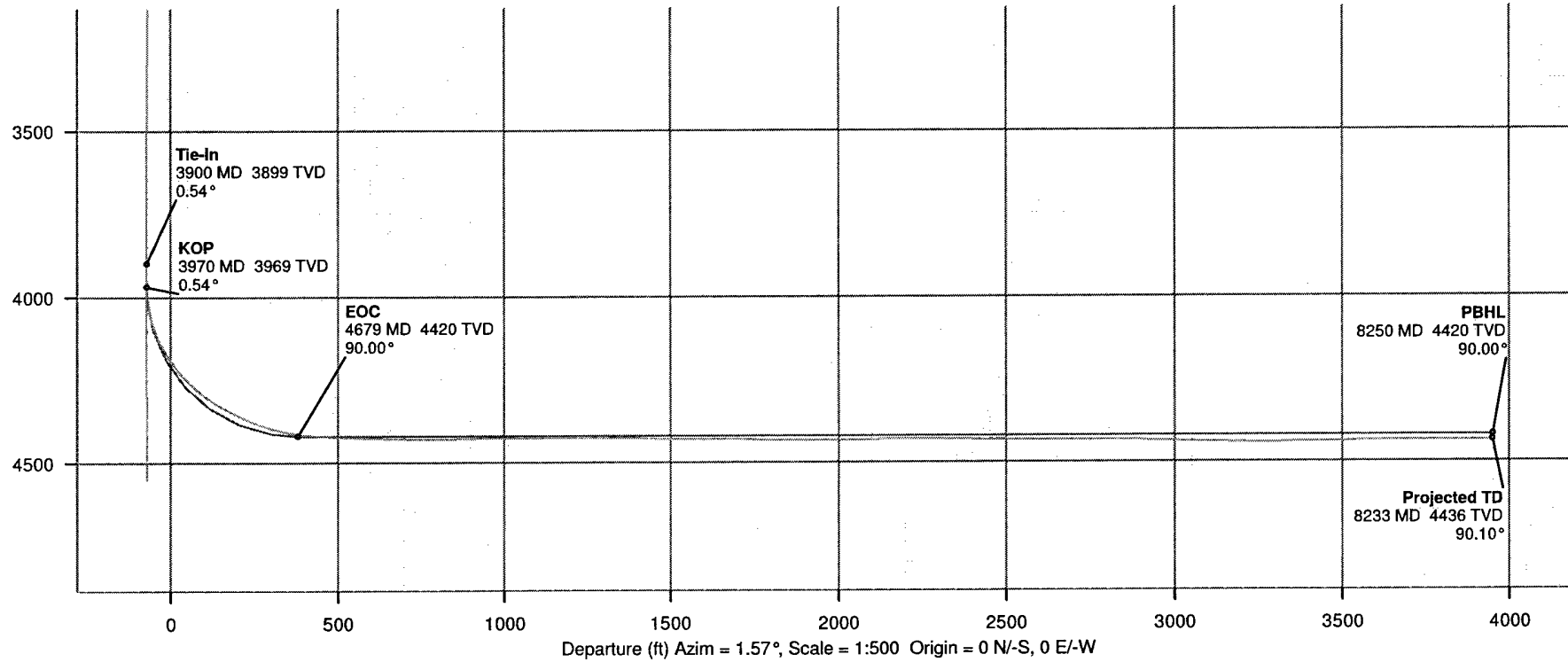


Critical Points								
Critical Point	MD	INCL	AZIM	TVD	YSEC	N(+) / S(-)	E(+) / W(-)	DLS
Tie-In	3900.00	0.54	80.36	3898.69	-71.89	-70.66	-45.81	0.00
KOP	3970.00	0.54	80.36	3968.68	-71.76	-70.55	-45.16	0.00
EOC	4679.44	90.00	2.12	4420.00	380.38	381.19	-24.23	12.67
PBHL	8250.21	90.00	2.12	4420.00	3950.98	3949.50	108.11	0.00



LCX Energy

WELL			1823 State #301			FIELD			Eddy County, NM			STRUCTURE			1823 State #301																		
Magnetic Parameters						Surface Location						Miscellaneous																					
Model		KRFF 2005		Dip		60.551°		Date		September 27, 2006		Lat		N32 42 47.115		Northing		NAD27 New Mexico State Planes, Eastern Zone, US Feet		Grid Conv		-0.21130159°		Shot		1823 State #301		TVD Ref		PKB (0.00 ft above)			
				Mag Dec		+8.694°		FS		49290.7 nT		Long		W104 43 27.531		Easting		378748.00 NUS		Scale Fact		0.999255517		Plan		1823 State #301		Runways		Srv Date		Wed 01:43 PM September 27, 2006	



Critical Points								
Critical Point	MD	INCL	AZIM	TVD	YSEC	N(±)/S(±)	E(±)/W(±)	DLS
Tie-In	3900.00	0.54	80.36	3898.69	-71.89	-70.66	-45.81	0.00
KOP	3970.00	0.54	80.36	3968.68	-71.76	-70.55	-45.16	0.00
EOC	4679.44	90.00	2.12	4420.00	380.38	381.19	-24.23	12.67
PBHL	8250.21	90.00	2.12	4420.00	3950.98	3949.50	108.11	0.00

INTREPID
Directional Drilling Specialists



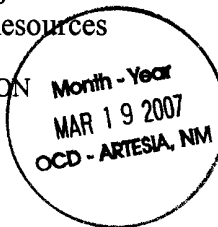
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

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

Form C-104
Revised June 10, 2003

Submit to Appropriate District Office
5 Copies



☐ 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
		³ Reason for Filing Code/Effective Date
⁴ API Number 30-0 15-34923	⁵ Pool Name Four Mile Draw; C - WOLFCAMP	⁶ Pool Code 97415
⁷ Property Code	⁸ Property Name 1823 STATE	⁹ Well Number 301

II. ¹⁰ Surface Location

UL or lot no. P	Section 30	Township 18S	Range 23E	Lot. Idn	Feet from the 660	North/South Line SOUTH	Feet from the 760	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. A	Section 30	Township 18S	Range 23E	Lot. Idn	Feet from the 663	North/South Line NORTH	Feet from the 862	East/West line EAST	County EDDY
¹² Lse Code	¹³ Producing Method Code FLOWING	¹⁴ Gas Connection Date 03/06/07	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 30, T18S R23E

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 08/29/06	²⁶ Ready Date 12/13/06	²⁷ TD 8246'	²⁸ PBTD 8200'	²⁹ Perforations 8180' - 4600'	³⁰ DHC, MC
³¹ Hole Size 17 1/2"	³² Casing & Tubing Size 13 3/8"	³³ Depth Set 440'	³⁴ Sacks Cement 650 CL C		
12 1/4"	9 5/8"	1516'	850 CL C/1" TBG 775		
8 3/4" & 7 7/8"	5 1/2"	8246'	1256 50/50 POZ, PVL		

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date 03/06/07	³⁷ Test Date 03/08/07	³⁸ Test Length 24 HOURS	³⁹ Tbg. Pressure 800 PSIG	⁴⁰ Csg. Pressure
⁴¹ Choke Size 18/64	⁴² Oil	⁴³ Water 2	⁴⁴ Gas 1310	⁴⁵ AOF	⁴⁶ Test Method 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: *Kanicia Carrillo*

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

DISTRICT II GEOLOGIST

Approval Date:

MAR 20 2007