

DISTRICT II
1625 N. French Dr., Hobbs, NM 88240
District III
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
May 27, 2004



Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address LCX ENERGY, LLC. 110 NORTH MARIENFELD SUITE 200 MIDLAND, TEXAS 79701		OCT 09 2007 OCD-ARTESIA	² OGRID Number 218885
¹ Property Code 36200	³ Property Name 1625 STATE COM.		³ API Number 30 - 015-35852
⁴ Proposed Pool 1 COTTONWOOD CREEK-WOLFCAMP (75250)		⁴ Proposed Pool 2	

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	16	16S	25E		660'	NORTH	1880'	WEST	EDDY

⁸ Proposed 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
N	16	16S	25E		660'	SOUTH	1880'	WEST	EDDY

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3515'
¹⁶ Multiple NO	¹⁷ Proposed Depth TVD-4960'	¹⁸ Formation WOLFCAMP	¹⁹ Contractor BIG DOG DRILLING	²⁰ Spud Date WHEN APPROVED
Depth to Groundwater 100' +		Distance from nearest fresh water well 2000'		Distance from nearest surface water None Known
Pit: Liner: Synthetic ☒ 12 mils thick Clay ☐ Pit Volume: 18M bbls Drilling Method: Fresh Water ☒ Brine ☒ Diesel/Oil-based ☐ Gas/Air ☐				
Closed-Loop System ☐				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	Conductor	40'	Redi-mix	Surface
17 1/2"	13 3/8"	48#	350'	395 Sx.	Surface
12 1/2"	8 5/8"	24#	1200'	450 Sx	Surface
8 3/4" 7 7/8"	5 1/2"	17#	TVD-4960'	1100 Sx.	Est TOC 1000' FS
			MD-8699'		

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

SEE ATTACHED SHEET

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐

Printed name: Joe T. Janica
Title: Agent
E-mail Address: joejanica@valornet.com

Date: 10/05/07 Phone: 505-391-8503

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT

DISTRICT II GEOLOGIST

Approval Date: OCT 10 2007

Expiration Date: OCT 10 2008

Conditions of Approval Attached ☐

LCX ENERGY, LLC
110 N. Marienfeld St., Suite 200
Midland, TX 79701
Aug. 15, 2007

Horizontal Drilling Procedure
Abo Wildcat Horizontals
(Eddy Co., NM)

1. Drill 26" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17-1/2" hole to 350'.
3. Drill 12-1/4 hole to 1200'.
4. Run and set 1200' of 8-5/8" 24# J55 casing. Cement to surface with Lead: 250 sx 35/65 Poz/C + 6% gel + 2% CaCl₂ (12.7 ppg, 1.94 cu ft/sk) and Tail: 200 sx. of Class "C" cement + 2% CaCl₂ (14.8 ppg, 1.34 cu ft/sk). Circulate cement to surface.
Note: if losses occur, additional light weight and thixotropic slurries may be added to increase the overall volume. These slurries are:
PVL + 12% gel + 3% BWOW salt + bridging agents (1.0 ppg, 2.75 cu ft/sk)
10-2 RFC (10% D53, 2% CaCl₂) + bridging agents (14.2 ppg, 1.62 cu ft/sk)
5. Drill 7-7/8" hole. Drill 7-7/8" curve and land lateral in pay zone (approx. 4700-4900 ft TVD). Pickup lateral drilling assembly with a 7-7/8" bit and drill a +/-4000' lateral to 660' from lease line (approx. 4000 ft vertical section).
6. Run and set 5-1/2" 17# N80 production casing. Cement 5-1/2" with Lead: 750 sx 50/50 Poz/C (11.9 ppg, 2.46 cu ft/sk) and Tail: 350 sx PVL + 100% CaCO₃ (acid soluble cement) + fluid loss additive + 1% CaCl₂ (13.0 ppg, 2.79 cu ft/sk) attempting to bring top of cement to 1,000'.

Contingency String:

If lost circulation occurs while drilling the 17-1/2" hole:

- 2a. Run and set 350' of 13-3/8" 48# H-40 ST&C casing. Cement with Lead: 195 sx 35/65 Poz/C + 6% gel + 2% CaCl₂ (12.7 ppg, 1.94 cu ft/sk) and Tail: 200 sx of Class "C" cement + 2% CaCl₂ (14.8 ppg, 1.34 cu ft/sk). Circulate cement to surface.

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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 75250	Pool Name COTTONWOOD CREEK-WOLFCAMP
Property Code	Property Name 1625 STATE COM	Well Number 162
OGRID No. 218885	Operator Name LCX ENERGY	Elevation 3515'

Surface Location

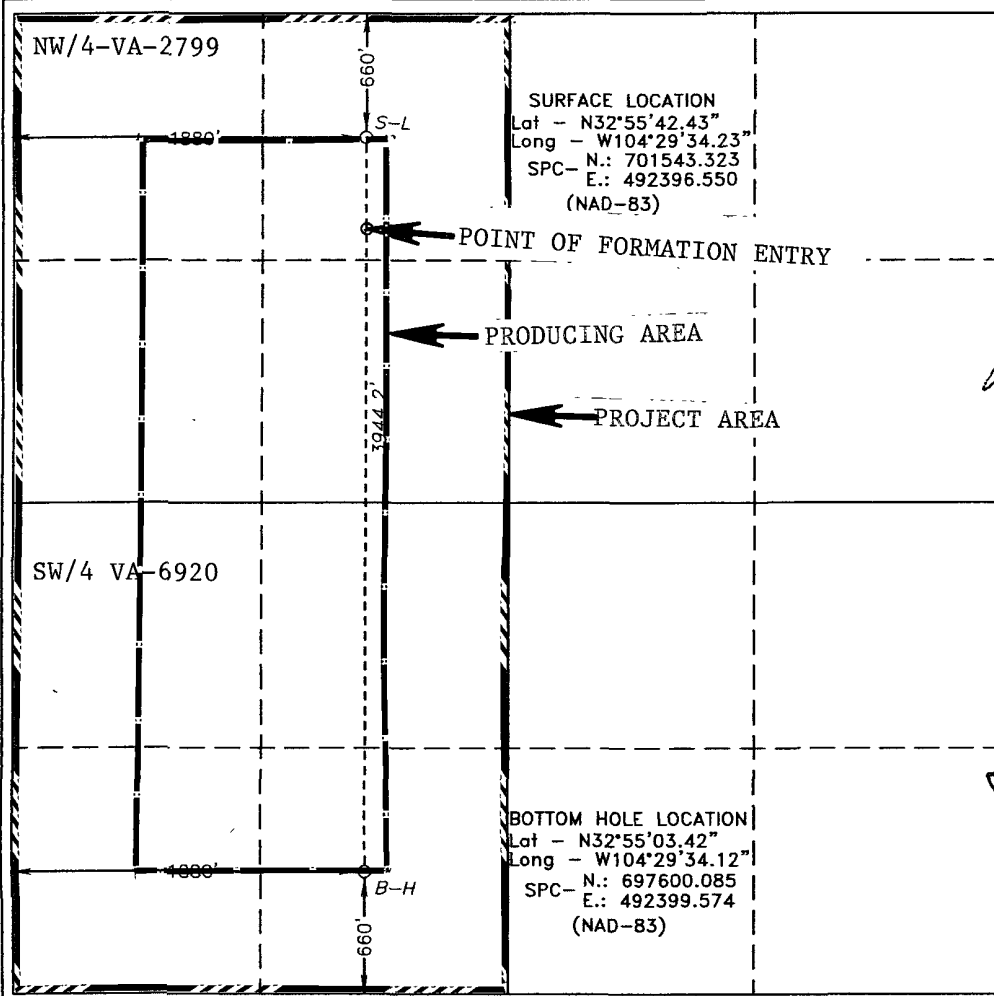
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	16	16 S	25 E		660	NORTH	1880	WEST	EDDY

Bottom Hole Location If Different From Surface

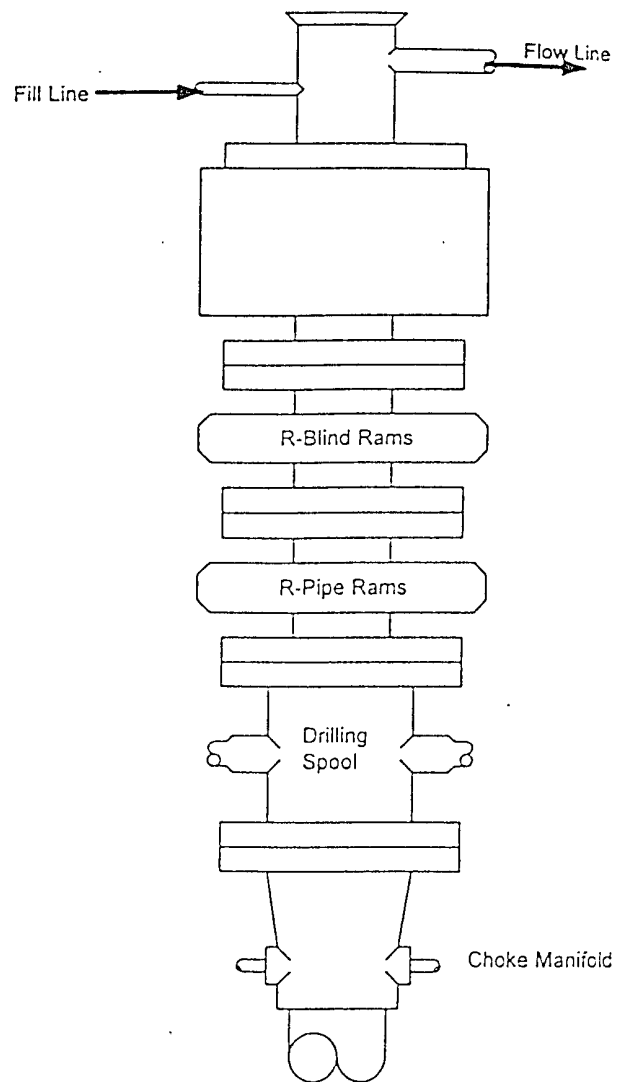
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	16	16 S	25 E		660	SOUTH	1880	WEST	EDDY

Dedicated Acres 320	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

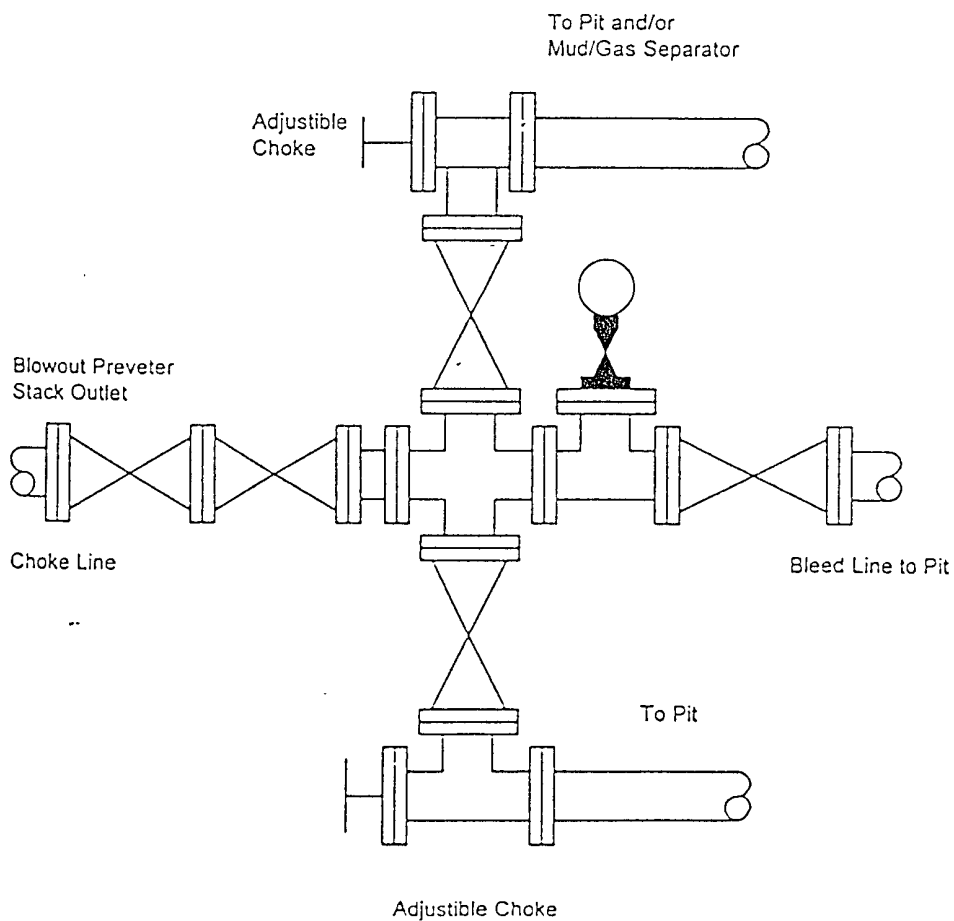
	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Joe T. Janica</i> Signature Date 10/05/07 Joe T. Janica Printed Name Agent 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. AUGUST 20, 2007 Date Surveyed Signature & Seal Professional Surveyor 7977 W.O. No. 18051 Certificate Jones 7977 BASIN SURVEYS
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BLOWOUT PREVENTER SYSTEM

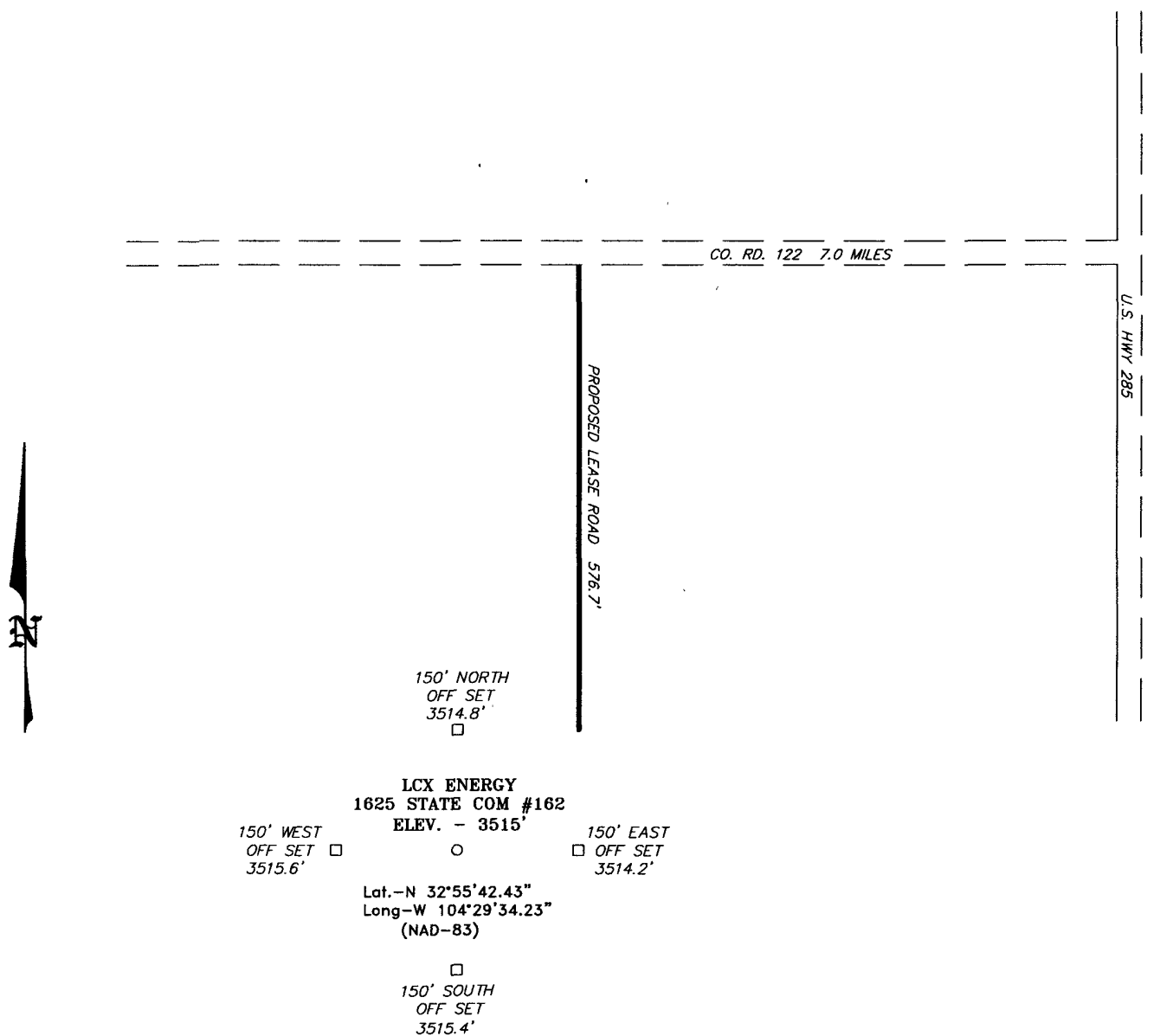


Type 900 Series
3000 psi WP

Choke Manifold Assembly for 3M WP System



SECTION 16, TOWNSHIP 16 SOUTH, RANGE 25 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



Directions to Location:

FROM THE JUNCTION OF US HWY 285 AND CO. RD. 122, GO WEST 7.0 MILES ON CO. RD. 122 TO PROPOSED LEASE ROAD.

BASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 18051 Drawn By: J. M. SMALL

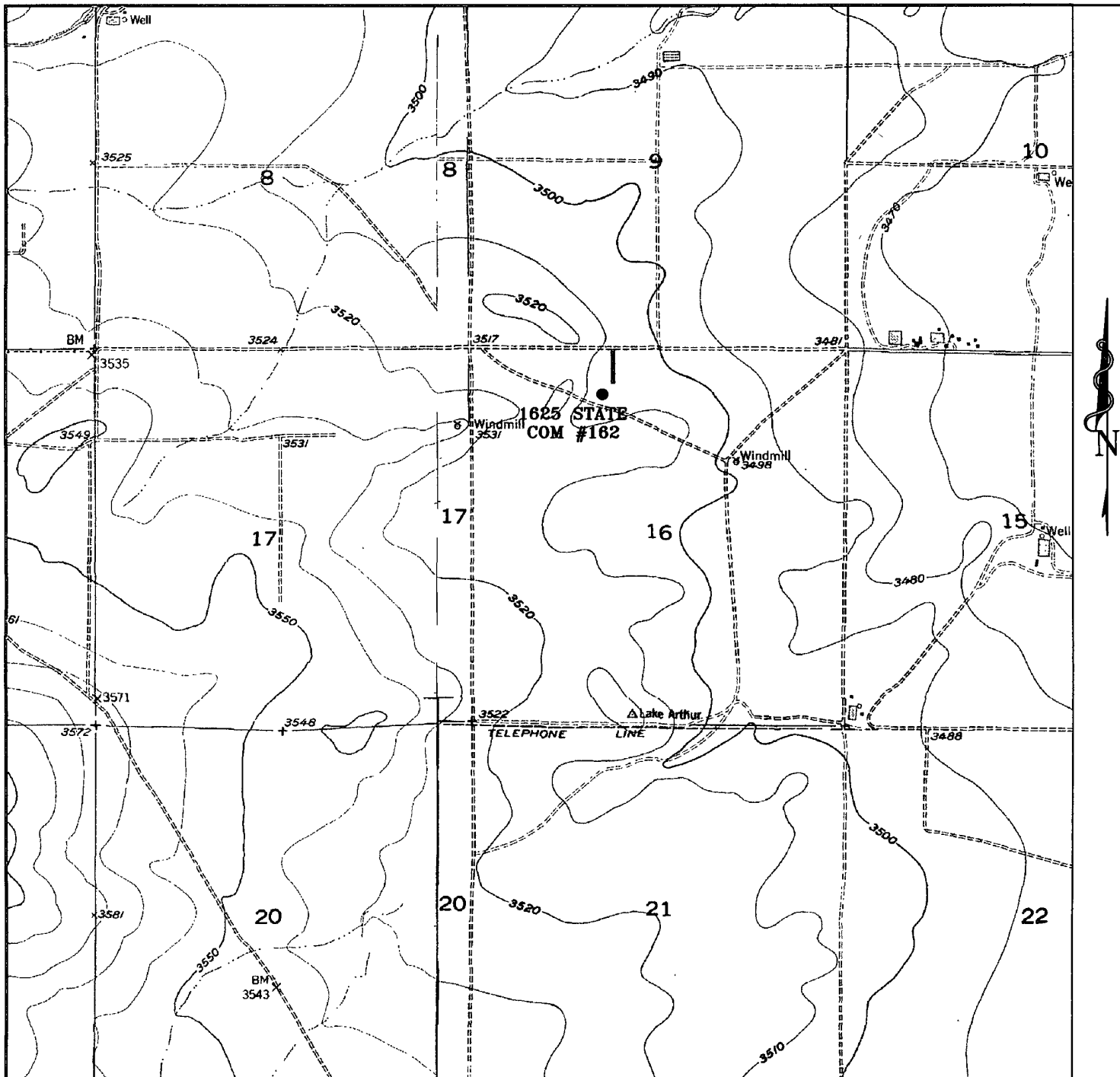
Date: 08-20-2007 Disk: JMS 18051W

LCX ENERGY

REF: 1625 STATE COM #162 / WELL PAD TOPO

THE 1625 STATE COM #162 LOCATED 660' FROM
THE NORTH LINE AND 1880' FROM THE WEST LINE OF
SECTION 16, TOWNSHIP 16 SOUTH, RANGE 25 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 08-20-2007 Sheet 1 of 1 Sheets



1625 STATE COM #162

Located 660' FNL and 1880' FWL
 Section 16, Township 16 South, Range 25 East,
 N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (505) 393-7316 - Office
 (505) 392-3074 - Fax
 basinsurveys.com

W.O. Number: JMS 18051T

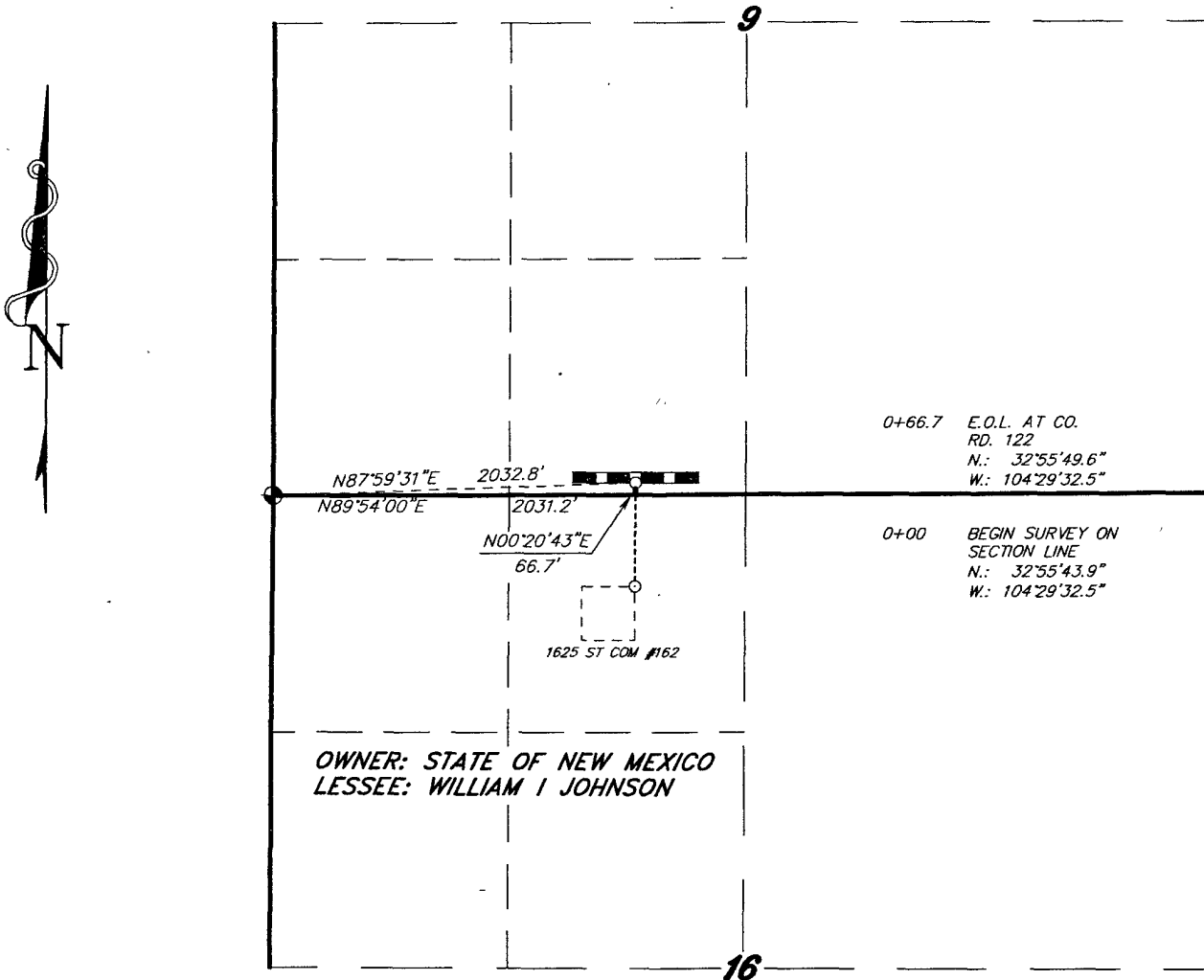
Survey Date: 08-20-2007

Scale: 1" = 2000'

Date: 08-20-2007

LCX
 ENERGY

SECTION 9, TOWNSHIP 16 SOUTH, RANGE 25 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



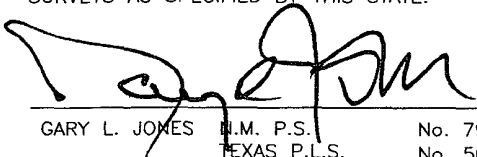
LEGAL DESCRIPTION

A STRIP OF LAND 20.0 FEET WIDE, LOCATED IN SECTION 9, TOWNSHIP 16 SOUTH, RANGE 25 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING 10.0 FEET LEFT AND RIGHT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY.

BEGINNING AT A POINT WHICH LIES N.89°54'00"E., 2031.2 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 9; THENCE N.00°20'43"E., 66.7 FEET TO THE END OF THIS LINE WHICH LIES N.87°59'31"E., 2032.8 FEET FROM THE SOUTHWEST CORNER OF SAID SECTION 9. SAID STRIP OF LAND BEING 66.7 FEET OR 4.04 RODS IN LENGTH AND CONTAINING 0.03 ACRES, MORE OR LESS, AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 SW/4 (SEC 9)= 4.04 RODS = 0.03 ACRES

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.


GARY L. JONES N.M. P.S. No. 7977
TEXAS P.L.S. No. 5074

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 18051 Drawn By: J. M. SMALL

Date: 08-20-2007 Disk: JMS 18051R

1000 0 1000 2000 FEET


LCX ENERGY

REF: PROPOSED ROAD TO THE LCX - 1625 STATE COM #162

A ROAD CROSSING STATE LAND IN
SECTION 9, TOWNSHIP 16 SOUTH, RANGE 25 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 08-20-2007 Sheet 1 of 1 Sheets

Proposal

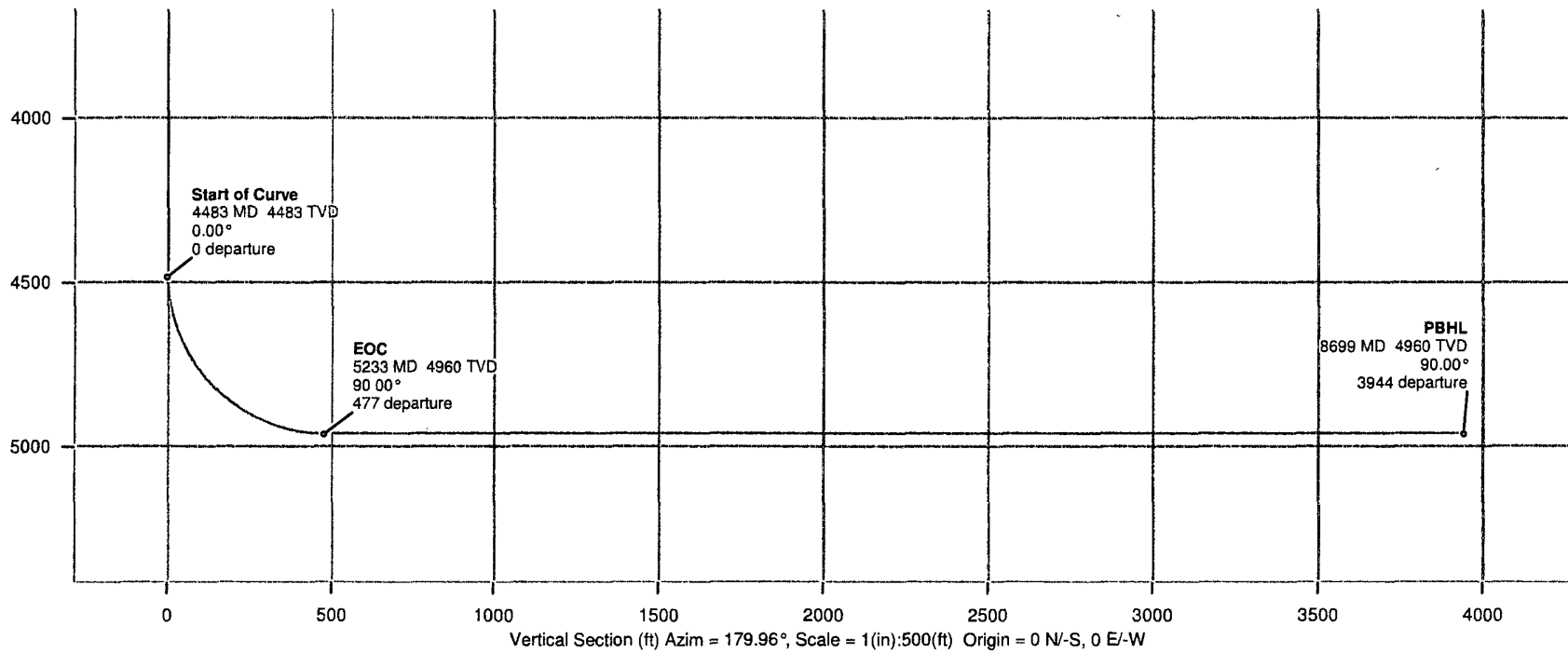
Report Date: October 4, 2007	Survey / DLS Computation Method: Minimum Curvature / Lubinski
Client: LCX Energy	Vertical Section Azimuth: 179.960°
Field: Eddy County, NM Nad 83	Vertical Section Origin: N 0.000 ft, E 0.000 ft
Structure / Slot: 1625 State Com #162 / 1625 State Com #162	TVD Reference Datum: RKB
Well: 1625 State Com #162	TVD Reference Elevation: 0.0 ft relative to
Borehole: 1625 State Com #162	Sea Bed / Ground Level Elevation: 0.000 ft relative to
UWI/API#:	Magnetic Declination: 8.492°
Survey Name / Date: 1625 State Com #162_r1 / October 4, 2007	Total Field Strength: 49352.335 nT
Tort / AHD / DDI / ERD ratio: 90.000° / 3943.59 ft / 5.794 / 0.795	Magnetic Dip: 60.775°
Grid Coordinate System: NAD83 New Mexico State Planes, Eastern Zone, US Feet	Declination Date: October 04, 2007
Location Lat/Long: N 32 55 42 434, W 104 29 34.230	Magnetic Declination Model: IGRF 2005
Location Grid N/E Y/X: N 701543.323 ftUS, E 492396.550 ftUS	North Reference: Grid North
Grid Convergence Angle: -0.08670747°	Total Corr Mag North -> Grid North: +8.579°
Grid Scale Factor: 0.99991183	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)	Mag / Grav Tool Face (deg)
Tie-In	0.00	0.00	179.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	100.00	0.00	179.96	100.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	200.00	0.00	179.96	200.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	300.00	0.00	179.96	300.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	400.00	0.00	179.96	400.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	500.00	0.00	179.96	500.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	600.00	0.00	179.96	600.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	700.00	0.00	179.96	700.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	800.00	0.00	179.96	800.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	900.00	0.00	179.96	900.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1000.00	0.00	179.96	1000.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1100.00	0.00	179.96	1100.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1200.00	0.00	179.96	1200.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1300.00	0.00	179.96	1300.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1400.00	0.00	179.96	1400.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1500.00	0.00	179.96	1500.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1600.00	0.00	179.96	1600.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1700.00	0.00	179.96	1700.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1800.00	0.00	179.96	1800.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1900.00	0.00	179.96	1900.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2000.00	0.00	179.96	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2100.00	0.00	179.96	2100.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2200.00	0.00	179.96	2200.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2300.00	0.00	179.96	2300.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2400.00	0.00	179.96	2400.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2500.00	0.00	179.96	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2600.00	0.00	179.96	2600.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2700.00	0.00	179.96	2700.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2800.00	0.00	179.96	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2900.00	0.00	179.96	2900.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3000.00	0.00	179.96	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3100.00	0.00	179.96	3100.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3200.00	0.00	179.96	3200.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3300.00	0.00	179.96	3300.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3400.00	0.00	179.96	3400.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3500.00	0.00	179.96	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3600.00	0.00	179.96	3600.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3700.00	0.00	179.96	3700.00	0.00	0.00	0.00	0.00	0.00	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)	Mag / Grav Tool Face (deg)
	3800.00	0.00	179.96	3800.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3900.00	0.00	179.96	3900.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	4000.00	0.00	179.96	4000.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	4100.00	0.00	179.96	4100.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	4200.00	0.00	179.96	4200.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	4300.00	0.00	179.96	4300.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	4400.00	0.00	179.96	4400.00	0.00	0.00	0.00	0.00	0.00	0.00	---
Start of Curve	4482.54	0.00	179.96	4482.54	0.00	0.00	0.00	0.00	0.00	0.00	179.96M
	4500.00	2.10	179.96	4500.00	0.32	-0.32	0.00	0.32	179.96	12.00	179.96M
	4600.00	14.10	179.96	4598.82	14.38	-14.38	0.01	14.38	179.96	12.00	HS
	4700.00	26.10	179.96	4692.56	48.67	-48.67	0.04	48.67	179.96	12.00	HS
	4800.00	38.10	179.96	4777.12	101.71	-101.71	0.08	101.71	179.96	12.00	HS
	4900.00	50.10	179.96	4848.81	171.17	-171.17	0.13	171.17	179.96	12.00	HS
	5000.00	62.10	179.96	4904.49	254.01	-254.01	0.19	254.01	179.96	12.00	HS
	5100.00	74.10	179.96	4941.72	346.63	-346.63	0.27	346.63	179.96	12.00	HS
EOC	5200.00	86.10	179.96	4958.89	444.95	-444.95	0.34	444.95	179.96	12.00	HS
	5232.54	90.00	179.96	4960.00	477.46	-477.46	0.37	477.46	179.96	12.00	---
	5300.00	90.00	179.96	4960.00	544.93	-544.93	0.42	544.93	179.96	0.00	---
	5400.00	90.00	179.96	4960.00	644.93	-644.93	0.49	644.93	179.96	0.00	---
	5500.00	90.00	179.96	4960.00	744.93	-744.93	0.57	744.93	179.96	0.00	---
	5600.00	90.00	179.96	4960.00	844.93	-844.93	0.65	844.93	179.96	0.00	---
	5700.00	90.00	179.96	4960.00	944.93	-944.93	0.72	944.93	179.96	0.00	---
	5800.00	90.00	179.96	4960.00	1044.93	-1044.93	0.80	1044.93	179.96	0.00	---
	5900.00	90.00	179.96	4960.00	1144.93	-1144.93	0.88	1144.93	179.96	0.00	---
	6000.00	90.00	179.96	4960.00	1244.93	-1244.93	0.95	1244.93	179.96	0.00	---
	6100.00	90.00	179.96	4960.00	1344.93	-1344.93	1.03	1344.93	179.96	0.00	---
	6200.00	90.00	179.96	4960.00	1444.93	-1444.93	1.11	1444.93	179.96	0.00	---
	6300.00	90.00	179.96	4960.00	1544.93	-1544.93	1.18	1544.93	179.96	0.00	---
	6400.00	90.00	179.96	4960.00	1644.93	-1644.93	1.26	1644.93	179.96	0.00	---
	6500.00	90.00	179.96	4960.00	1744.93	-1744.93	1.34	1744.93	179.96	0.00	---
	6600.00	90.00	179.96	4960.00	1844.93	-1844.93	1.41	1844.93	179.96	0.00	---
	6700.00	90.00	179.96	4960.00	1944.93	-1944.93	1.49	1944.93	179.96	0.00	---
	6800.00	90.00	179.96	4960.00	2044.93	-2044.93	1.57	2044.93	179.96	0.00	---
	6900.00	90.00	179.96	4960.00	2144.93	-2144.93	1.64	2144.93	179.96	0.00	---
	7000.00	90.00	179.96	4960.00	2244.93	-2244.93	1.72	2244.93	179.96	0.00	---
	7100.00	90.00	179.96	4960.00	2344.93	-2344.93	1.80	2344.93	179.96	0.00	---
	7200.00	90.00	179.96	4960.00	2444.93	-2444.93	1.87	2444.93	179.96	0.00	---
	7300.00	90.00	179.96	4960.00	2544.93	-2544.93	1.95	2544.93	179.96	0.00	---
	7400.00	90.00	179.96	4960.00	2644.93	-2644.93	2.03	2644.93	179.96	0.00	---
	7500.00	90.00	179.96	4960.00	2744.93	-2744.93	2.11	2744.93	179.96	0.00	---
	7600.00	90.00	179.96	4960.00	2844.93	-2844.93	2.18	2844.93	179.96	0.00	---
	7700.00	90.00	179.96	4960.00	2944.93	-2944.93	2.26	2944.93	179.96	0.00	---
	7800.00	90.00	179.96	4960.00	3044.93	-3044.93	2.34	3044.93	179.96	0.00	---
	7900.00	90.00	179.96	4960.00	3144.93	-3144.93	2.41	3144.93	179.96	0.00	---
	8000.00	90.00	179.96	4960.00	3244.93	-3244.93	2.49	3244.93	179.96	0.00	---
	8100.00	90.00	179.96	4960.00	3344.93	-3344.93	2.57	3344.93	179.96	0.00	---
	8200.00	90.00	179.96	4960.00	3444.93	-3444.93	2.64	3444.93	179.96	0.00	---
	8300.00	90.00	179.96	4960.00	3544.93	-3544.93	2.72	3544.93	179.96	0.00	---
	8400.00	90.00	179.96	4960.00	3644.93	-3644.93	2.80	3644.93	179.96	0.00	---
	8500.00	90.00	179.96	4960.00	3744.93	-3744.93	2.87	3744.93	179.96	0.00	---
	8600.00	90.00	179.96	4960.00	3844.93	-3844.93	2.95	3844.93	179.96	0.00	---
PBHL	8698.67	90.00	179.96	4960.00	3943.59	-3943.59	3.02	3943.59	179.96	0.00	---

LCX Energy

WELL 1625 State Com #162	FIELD Eddy County, NM Nad 83	STRUCTURE 1625 State Com #162
Magnetic Parameters Model IGRF 2005 Dip 60.775° Mag Dec -8.432° Date October 04, 2007 FS 43252.3 nT	Surface Location Lat N32 55 42.434 Lon W104 29 34.230 Northing 701543.32 ftUS Easting 482396.55 ftUS NAD83 New Mexico State Plane, Eastern Zone, US Feet Grid Conv -0.0670747° Scale Fact 0.999116337	Miscellaneous Slot 1625 State Com #162 Plan 1625 State Com #162 r1 TVD Ref RKB (0.00 ft above) Srvy Date October 04, 2007



LCX Energy

WELL		1625 State Com #162		FIELD		Eddy County, NM Nad 83		STRUCTURE		1625 State Com #162	
Magnetic Parameters				Surface Location				NAD83 New Mexico State Planes, Eastern Zone, US Feet			
Model		IGRF 2005		Dip		60 775°		Date		October 04, 2007	
		Mag Dec				+8 482°		FS		43352.3 nT	
				Lat		N32 55 42.434		Northing		701543.32 NUS	
				Lon		W104 29 34.230		Easting		492396.55 NUS	
								Grid Conv		-0.08670747°	
								Scale Fact		0.9999118337	
				Slot		1625 State Com #162		TVD Ref		RKB (to 00 ft above)	
				Plan		1625 State Com #162_11		Srvy Date		October 04, 2007	

