

District I
1625 N. French Dr., Hobbs, NM 88240
District II
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
MAY 3 2007
ARTESIA, NM
☐ AMENDED REPORT

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

¹ Operator Name and Address LCX ENERGY, LLC. 110 NORTH MARIENFELD SUITE 200 MIDLAND, TEXAS 79701		² OGRID Number 218885
³ Property Code 36200	⁴ Property Name 1625 STATE COM.	⁵ API Number 30-015-35643
⁶ Proposed Pool 1 COTTONWOOD CREEK-WOLFCAMP (75250)		⁷ Proposed Pool 2

⁷ Surface Location

UL or lot no. 0	Section 20	Township 16S	Range 25E	Lot ldn	Feet from the 660'	North/South line SOUTH	Feet from the 1880'	East/West line EAST	County EDDY CO.
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⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no. B	Section 20	Township 16S	Range 25E	Lot ldn	Feet from the 660'	North/South line NORTH	Feet from the 1880'	East/West line EAST	County EDDY CO.
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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 3540'
¹⁶ Multiple NO	¹⁷ Proposed Depth MD-8644' TVD-4960'	¹⁸ Formation WOLFCAMP	¹⁹ Contractor BIG DOG DRILLING	²⁰ Spud Date WHEN APPROVED
Depth to Groundwater 200'+		Distance from nearest fresh water well 2 miles West		Distance from nearest surface water None near
Pit: Liner: Synthetic ☒ 12 mils thick Clay ☐		Pit Volume: 18M bbls		
Closed-Loop System ☐		Drilling Method: Fresh Water ☒ Brine ☒ Diesel/Oil-based ☐ Gas/Air ☐		

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	NA	40'	Redi-mix	Surface
17 1/2"	13 3/8"	48#	350'	400 Sx.	Surface
12 1/2"	9 5/8"	36#	1200'	475 Sx.	Surface
8 3/4 - 7 7/8"	5 1/2"	15.5#	MD-8644' TVD-4960'	600 Sx.	Est. TOC 1000' FS *

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.

Verify; Submit by CBL or Temp Survey B60

SEE ATTACHED SHEET FOR DETAIL

NOTIFY OCD OF SPUD &
TIME TO WITNESS
CEMENTING OF SURFACE &
INTERMEDIATE CASING

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 ☐ .		OIL CONSERVATION DIVISION	
Printed name: Joe T. Janica		Approved by: BRYAN G. ARRAUT	
Title: Agent		DISTRICT II GEOLOGIST	
E-mail Address: joejanica@valornet.com		Approval Date: JUN 04 2007	
Date: 05/30/07		Expiration Date: JUN 04 2008	
Phone: 505-391-8503		Conditions of Approval Attached ☐	

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

**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'. Run and set 1200' of 9-5/8" 36# J-55 ST&C or 8-5/8" 24# J55 casing. Cement to surface with 35/65 Poz/C + 5% NaCl + 6% Bentonite lead cement, tail in with 100 sx. of Class "C" cement + 2% CaCl₂.
4. Drill 7-7/8" or 8-3/4" hole. Drill 7-7/8" curve and land lateral in pay zone (approx. 4900 ft TVD). Pickup lateral drilling assembly with an 8-3/4" or 7-7/8" bit and drill a +/-4000' lateral to 660' from lease line (approx. 4000 ft vertical section).
5. Run and set 5-1/2" 17# N80 or stronger production casing. Cement 5-1/2" with acid soluble cement through the lateral and 400 sx 50/50 Poz/C + 10% gel and tail in with 200 sx C + 200% CaCO₃ (acid soluble cement) + fluid loss additive + retarder (as required), attempting to bring top of cement to 1,000'.

Contingency Strings:

If lost circulation occurs in the surface hole:

- 2a. Run and set 350' of 13-3/8" 48# H-40 ST&C casing. Cement with 200 sx 35/65 Poz/C + 6% gel and tail in with 200 sx of Class "C" cement + 2% CaCl, circulate cement to surface.

If hole conditions dictate running a 7" contingency string in the 8-3/4" hole :

- 4a. Run approx. 5100 ft 7" 26# J55 or stronger casing to TD. Cement with 700 sx class 'C' cement + add's attempting bringing TOC to approx. 1,000 ft. This may be done in the vertical pilot hole or at the end of the 8-3/4" curve section.
- 4b. Run whipstock and cut a window in the 7" casing (or drill out with 6-1/8" BHA if 7" set at end of curve). Drill to TD.
- 5a. Step 5 will be omitted.
- 6a. Run and set approximately 4400 ft 4-1/2" 11.6# N/L80 liner from TD to approximately 200' above the window/7" casing shoe. Cement with approx. 110 sx C + 200% CaCO₃ (acid soluble cement) + add's attempting to bring TOC above liner top.

FRESH WATER WILL BE USED TO DRILL THE 350' SURFACE HOLE AND THE 1200' INTERMEDIATE HOLE.

THERE IS NO KNOWN PRESENCE OF ANY H₂S IN THIS AREA. OTHER WELLS DRILLED HAVE NOT ENCOUNTERED ANY H₂S WHILE DRILLING.

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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 202
OGRID No. 218885	Operator Name LCX ENERGY	Elevation 3540'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	20	16 S	25 E		660	SOUTH	1880	EAST	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
B	20	16 S	25 E		660	NORTH	1880	EAST	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

BOTTOM HOLE LOCATION LAT-N32°54'49.78" LONG-W104°30'18.16" (NAD-83) PRODUCING AREA → PROJECT AREA → SURFACE LOCATION LAT-N32°54'11.3" LONG-W104°30'18.6" (NAD-83)	VA-2581 VA-2581 B-8318	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 05/30/07 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. MARCH 03, 2007 Date Surveyed Signature of Seal of Professional Surveyor NEW MEXICO W.O. No. 8038 Certificate No. Gary L. Jones 7977 BASIN SURVEYS
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SECTION 20, TOWNSHIP 16 SOUTH, RANGE 25 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.

150' NORTH
OFF SET
3538.7'
□

LCX ENERGY
1625 STATE COM #202
ELEV. - 3540'

150' WEST
OFF SET □
3540.4'

150' EAST
□ OFF SET
3539.7'

○
LAT-N 32°54'11.3"
LONG-W 104°30'18.6"
(NAD-83)

□
150' SOUTH
OFF SET
3541.3'

PROPOSED LEASE ROAD 506.0'

N

LEASE ROAD 0.4 MILES

LEASE ROAD 4.0 MILES

MM 102

US HWY 82 0.7 MILES

US HWY 285

200 0 200 400 FEET

SCALE: 1" = 200'

DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF US. HWY 285 AND US. HWY 82
IN ARTESIA, PROCEED WEST ON US. HWY 82 TO MILE
MARKER #102; FROM MILE MARKER #102 CONTINUE WEST
0.7 MILES TO LEASE ROAD, ON LEASE ROAD GO NORTH
4.0 MILES TO A "T", PROCEED WEST ON LEASE ROAD 0.4
MILES TO THE PROPOSED LEASE ROAD.

LCX ENERGY

REF: 1625 STATE COM # 202 / Well Pad Topo

THE 1625 STATE COM No. 202 LOCATED 660' FROM

THE SOUTH LINE AND 1880' FROM THE EAST LINE OF

SECTION 20, TOWNSHIP 16 SOUTH, RANGE 25 EAST,

N.M.P.M., EDDY COUNTY, NEW MEXICO.

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

W.O. Number: 17813

Drawn By: J. M. SMALL

Date: 03-08-2007

Disk: 17813W

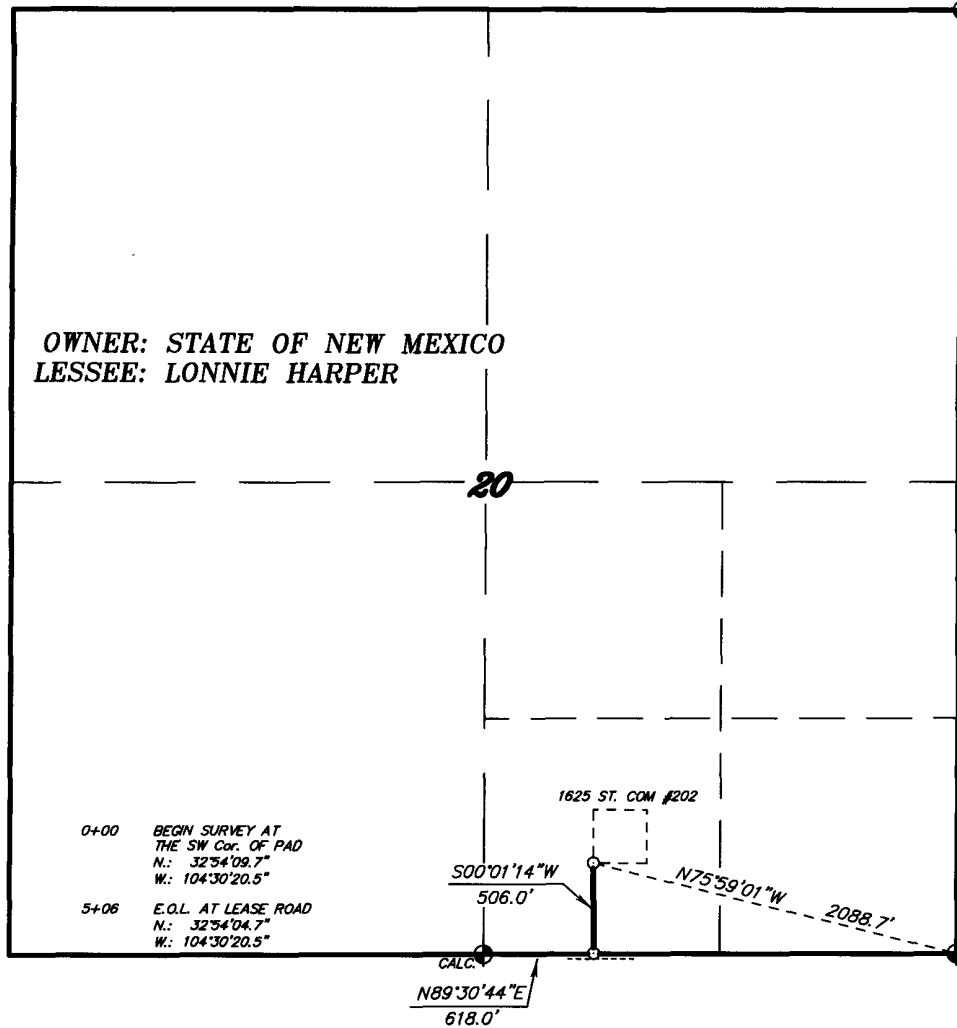
Survey Date: 03-02-2007

Sheet 1 of 1 Sheets

SECTION 20, TOWNSHIP 16 SOUTH, RANGE 25 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



OWNER: STATE OF NEW MEXICO
LESSEE: LONNIE HARPER



LEGAL DESCRIPTION

A STRIP OF LAND 20.0 FEET WIDE, LOCATED IN SECTION 20, 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.75°59'01\"W., 2088.7 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION 20; THENCE S.00°01'14\"W., 506.0 FEET TO THE END OF THIS LINE WHICH LIES N.89°30'44\"E., 618.0 FEET FROM THE SOUTH QUARTER CORNER OF SAID SECTION 20. SAID STRIP OF LAND BEING 506.0 FEET OR 30.67 RODS IN LENGTH AND CONTAINING 0.35 ACRES, MORE OR LESS, AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 SE/4 = 30.67 RODS = 0.35 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, Surveyor No. 7977
EDDY COUNTY, N.M. No. 5074

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

W.O. Number: 17813 Drawn By: J. M. SMALL

Date: 03-08-2007 Disk: JMS 17813R

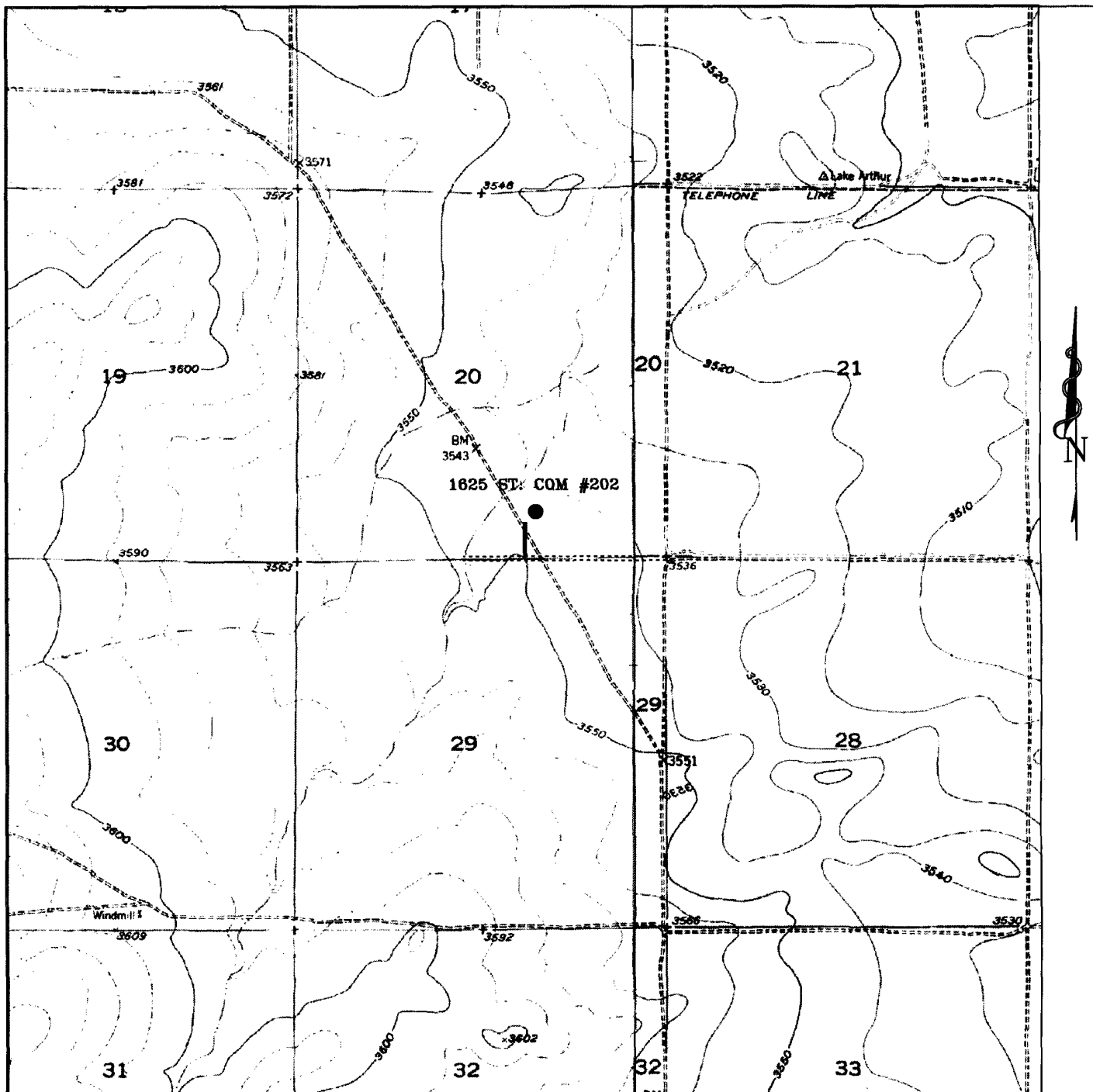
1000 0 1000 2000 FEET

LCX ENERGY

REF: PROPOSED ROAD TO THE LCX - 1625 STATE COM #202

A ROAD CROSSING STATE LAND IN
SECTION 20, TOWNSHIP 16 SOUTH, RANGE 25 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 03-02-2007 Sheet 1 of 1 Sheets



THE LCX - 1625 STATE COM #202
 Located at 660' FSL and 1880 FEL
 Section 20, Township 16 South, Range 25 East,
 N.M.P.M., Eddy County, New Mexico.

basin
surveys
 focused on excellence
 in the oilfield

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 17813T

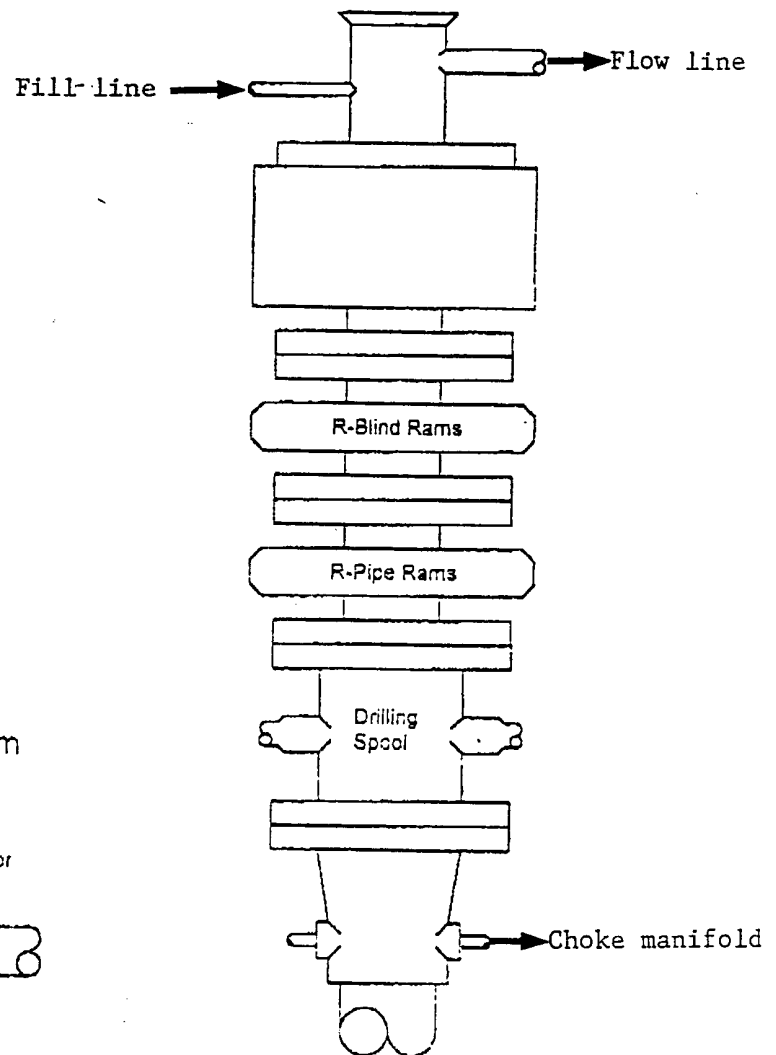
Survey Date: 03-02-2007

Scale: 1" = 2000'

Date: 03-08-2007

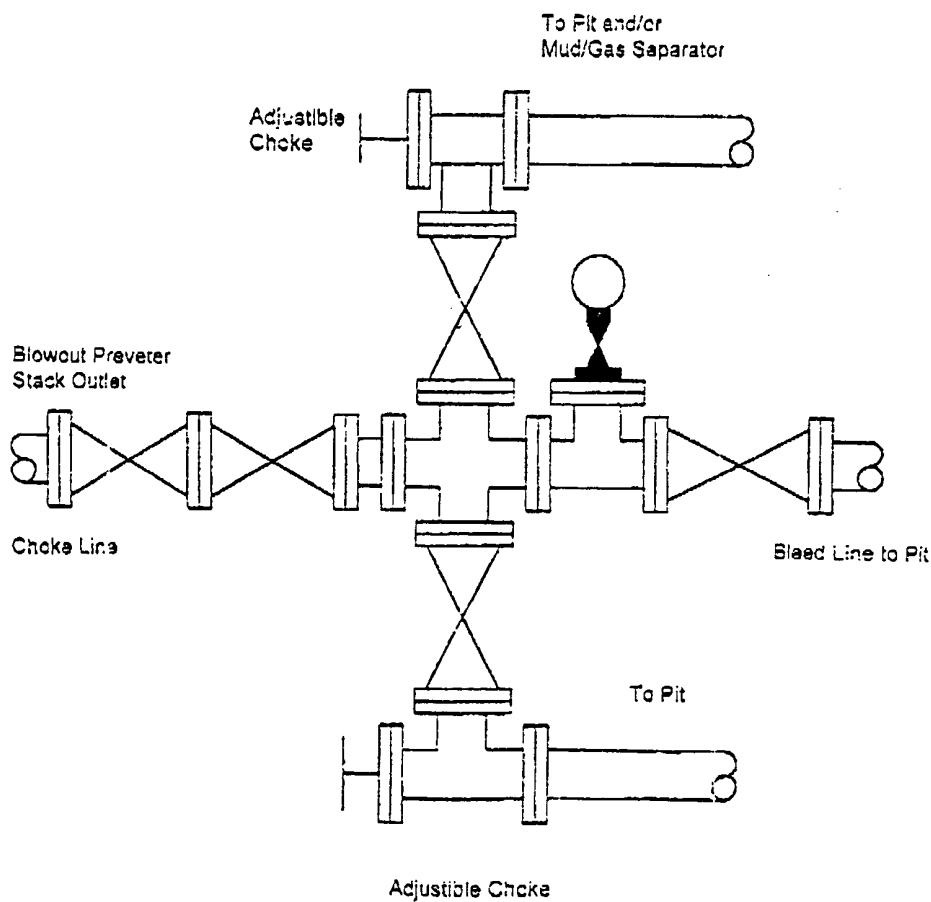
LCX ENERGY

BLOWOUT PREVENTER SYSTEM



Type 900 Series
3000 psi WP

Choke Manifold Assembly for 3M WP System



Proposal

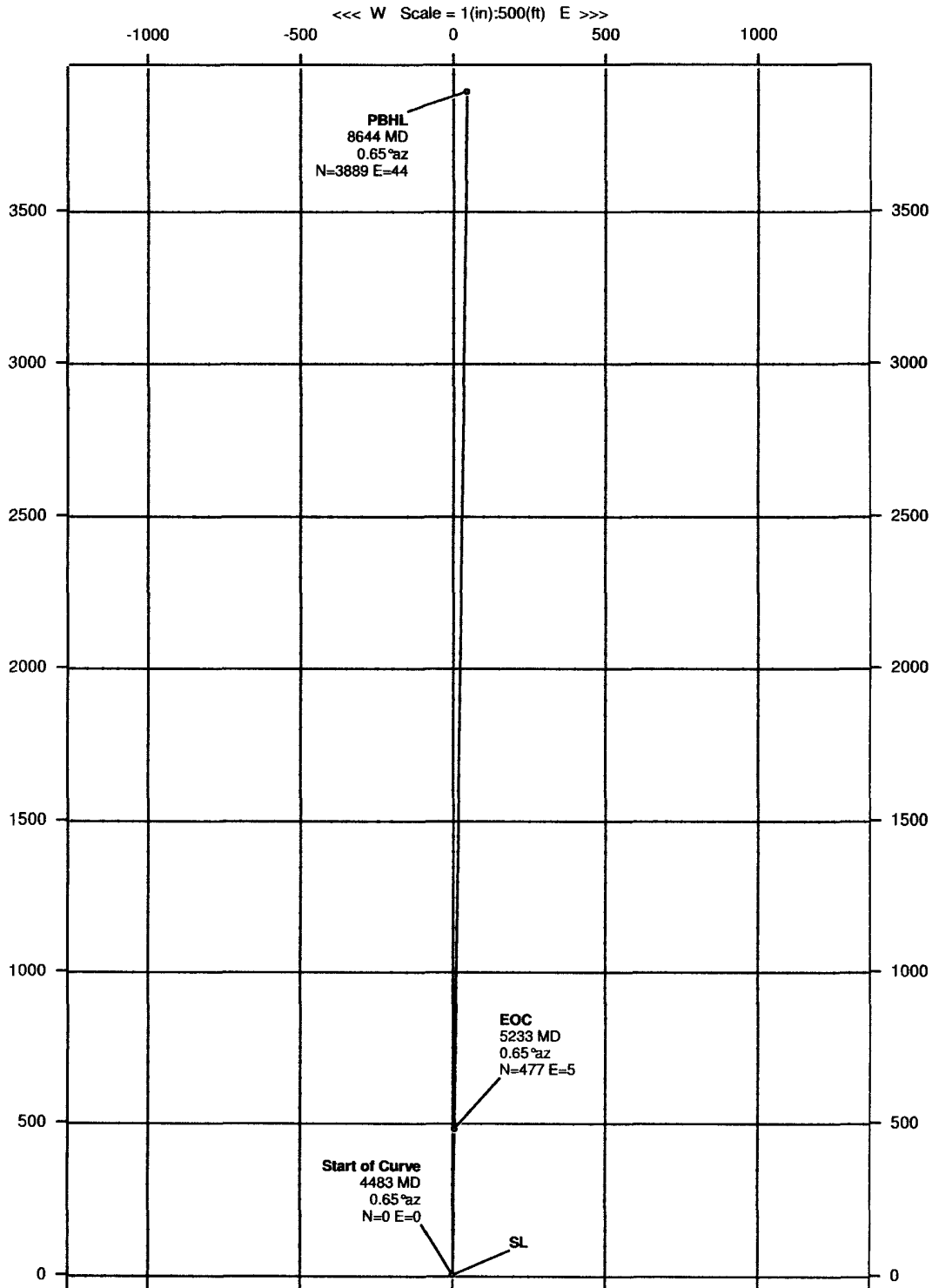
Report Date: May 16, 2007	Survey / DLS Computation Method: Minimum Curvature / Lubinski
Client: LCX Energy	Vertical Section Azimuth: 0.650°
Field: Eddy County, NM Nad 83	Vertical Section Origin: N 0.000 ft, E 0.000 ft
Structure / Slot: 1625 State Com #202 / 1625 State Com #202	TVD Reference Datum: RKB
Well: 1625 State Com #202	TVD Reference Elevation: 0.0 ft relative to
Borehole: 1625 State Com #202	See Bed / Ground Level Elevation: 0.000 ft relative to
UWI/API#:	Magnetic Declination: 8.541°
Survey Name / Date: 1625 State Com #202_r1 / May 16, 2007	Total Field Strength: 49372.544 nT
Tort / AHD / DDI / ERD ratio: 90.000° / 3889.38 ft / 5.785 / 0.784	Magnetic Dip: 60.757°
Grid Coordinate System: NAD83 New Mexico State Planes, Eastern Zone, US Feet	Declination Date: May 16, 2007
Location Lat/Long: N 32 54 11.300, W 104 30 18.600	Magnetic Declination Model: IGRF 2005
Location Grid N/E Y/X: N 692339.112 ftUS, E 488599.910 ftUS	North Reference: Grid North
Grid Convergence Angle: -0.09334358°	Total Corr Mag North -> Grid North: +8.634°
Grid Scale Factor: 0.99991228	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	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	100.00	0.00	0.65	100.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	200.00	0.00	0.65	200.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	300.00	0.00	0.65	300.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	400.00	0.00	0.65	400.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	500.00	0.00	0.65	500.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	600.00	0.00	0.65	600.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	700.00	0.00	0.65	700.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	800.00	0.00	0.65	800.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	900.00	0.00	0.65	900.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1000.00	0.00	0.65	1000.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1100.00	0.00	0.65	1100.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1200.00	0.00	0.65	1200.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1300.00	0.00	0.65	1300.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1400.00	0.00	0.65	1400.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1500.00	0.00	0.65	1500.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1600.00	0.00	0.65	1600.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1700.00	0.00	0.65	1700.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1800.00	0.00	0.65	1800.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	1900.00	0.00	0.65	1900.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2000.00	0.00	0.65	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2100.00	0.00	0.65	2100.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2200.00	0.00	0.65	2200.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2300.00	0.00	0.65	2300.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2400.00	0.00	0.65	2400.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2500.00	0.00	0.65	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2600.00	0.00	0.65	2600.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2700.00	0.00	0.65	2700.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2800.00	0.00	0.65	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	2900.00	0.00	0.65	2900.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3000.00	0.00	0.65	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3100.00	0.00	0.65	3100.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3200.00	0.00	0.65	3200.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3300.00	0.00	0.65	3300.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3400.00	0.00	0.65	3400.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3500.00	0.00	0.65	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3600.00	0.00	0.65	3600.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3700.00	0.00	0.65	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	0.65	3800.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	3900.00	0.00	0.65	3900.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	4000.00	0.00	0.65	4000.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	4100.00	0.00	0.65	4100.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	4200.00	0.00	0.65	4200.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	4300.00	0.00	0.65	4300.00	0.00	0.00	0.00	0.00	0.00	0.00	---
	4400.00	0.00	0.65	4400.00	0.00	0.00	0.00	0.00	0.00	0.00	---
Start of Curve	4482.54	0.00	0.65	4482.54	0.00	0.00	0.00	0.00	0.00	0.00	0.65M
	4500.00	2.10	0.65	4500.00	0.32	0.32	0.00	0.32	0.65	12.00	0.65M
	4600.00	14.10	0.65	4598.82	14.38	14.38	0.16	14.38	0.65	12.00	HS
	4700.00	26.10	0.65	4692.56	48.67	48.67	0.55	48.67	0.65	12.00	HS
	4800.00	38.10	0.65	4777.12	101.71	101.70	1.15	101.71	0.65	12.00	HS
	4900.00	50.10	0.65	4848.81	171.17	171.16	1.93	171.17	0.65	12.00	HS
	5000.00	62.10	0.65	4904.49	254.01	254.00	2.86	254.01	0.65	12.00	HS
	5100.00	74.10	0.65	4941.72	346.63	346.60	3.91	346.63	0.65	12.00	HS
EOC	5200.00	86.10	0.65	4958.89	444.95	444.93	5.02	444.95	0.65	12.00	HS
	5232.54	90.00	0.65	4960.00	477.46	477.43	5.38	477.46	0.65	12.00	---
	5300.00	90.00	0.65	4960.00	544.93	544.90	6.14	544.93	0.65	0.00	---
	5400.00	90.00	0.65	4960.00	644.93	644.89	7.27	644.93	0.65	0.00	---
	5500.00	90.00	0.65	4960.00	744.93	744.88	8.40	744.93	0.65	0.00	---
	5600.00	90.00	0.65	4960.00	844.93	844.88	9.53	844.93	0.65	0.00	---
	5700.00	90.00	0.65	4960.00	944.93	944.87	10.65	944.93	0.65	0.00	---
	5800.00	90.00	0.65	4960.00	1044.93	1044.86	11.78	1044.93	0.65	0.00	---
	5900.00	90.00	0.65	4960.00	1144.93	1144.86	12.91	1144.93	0.65	0.00	---
	6000.00	90.00	0.65	4960.00	1244.93	1244.85	14.04	1244.93	0.65	0.00	---
	6100.00	90.00	0.65	4960.00	1344.93	1344.84	15.16	1344.93	0.65	0.00	---
	6200.00	90.00	0.65	4960.00	1444.93	1444.84	16.29	1444.93	0.65	0.00	---
	6300.00	90.00	0.65	4960.00	1544.93	1544.83	17.42	1544.93	0.65	0.00	---
	6400.00	90.00	0.65	4960.00	1644.93	1644.83	18.54	1644.93	0.65	0.00	---
	6500.00	90.00	0.65	4960.00	1744.93	1744.82	19.67	1744.93	0.65	0.00	---
	6600.00	90.00	0.65	4960.00	1844.93	1844.81	20.80	1844.93	0.65	0.00	---
	6700.00	90.00	0.65	4960.00	1944.93	1944.81	21.93	1944.93	0.65	0.00	---
	6800.00	90.00	0.65	4960.00	2044.93	2044.80	23.05	2044.93	0.65	0.00	---
	6900.00	90.00	0.65	4960.00	2144.93	2144.79	24.18	2144.93	0.65	0.00	---
	7000.00	90.00	0.65	4960.00	2244.93	2244.79	25.31	2244.93	0.65	0.00	---
	7100.00	90.00	0.65	4960.00	2344.93	2344.78	26.44	2344.93	0.65	0.00	---
	7200.00	90.00	0.65	4960.00	2444.93	2444.77	27.56	2444.93	0.65	0.00	---
	7300.00	90.00	0.65	4960.00	2544.93	2544.77	28.69	2544.93	0.65	0.00	---
	7400.00	90.00	0.65	4960.00	2644.93	2644.76	29.82	2644.93	0.65	0.00	---
	7500.00	90.00	0.65	4960.00	2744.93	2744.76	30.95	2744.93	0.65	0.00	---
	7600.00	90.00	0.65	4960.00	2844.93	2844.75	32.07	2844.93	0.65	0.00	---
	7700.00	90.00	0.65	4960.00	2944.93	2944.74	33.20	2944.93	0.65	0.00	---
	7800.00	90.00	0.65	4960.00	3044.93	3044.74	34.33	3044.93	0.65	0.00	---
	7900.00	90.00	0.65	4960.00	3144.93	3144.73	35.46	3144.93	0.65	0.00	---
	8000.00	90.00	0.65	4960.00	3244.93	3244.72	36.58	3244.93	0.65	0.00	---
	8100.00	90.00	0.65	4960.00	3344.93	3344.72	37.71	3344.93	0.65	0.00	---
	8200.00	90.00	0.65	4960.00	3444.93	3444.71	38.84	3444.93	0.65	0.00	---
	8300.00	90.00	0.65	4960.00	3544.93	3544.70	39.96	3544.93	0.65	0.00	---
	8400.00	90.00	0.65	4960.00	3644.93	3644.70	41.09	3644.93	0.65	0.00	---
	8500.00	90.00	0.65	4960.00	3744.93	3744.69	42.22	3744.93	0.65	0.00	---
	8600.00	90.00	0.65	4960.00	3844.93	3844.69	43.35	3844.93	0.65	0.00	---
PBHL	8644.45	90.00	0.65	4960.00	3889.38	3889.13	43.85	3889.38	0.65	0.00	---

LCX Energy

WELL	1625 State Com #202	FIELD	Eddy County, NM Nad 83	STRUCTURE	1625 State Com #202
Magnetic Parameters		Surface Location		Miscellaneous	
Model: KGRF 2005	Dip: 60.757° Mag Dec: +8.541°	Date: May 16, 2007 FS: 46372.5 nT	Lat: N32 54 11.300 Lon: W104 30 18.600	NAD83 New Mexico State Plane, Eastern Zone, US Feet Northing: 682336.11 ftUS Easting: 498596.81 ftUS Grid Conv: -0.00334358° Scale Fact: 0.9999122758	Well: 1625 State Com #202 Plan: 1625 State Com #202_1 TVD Ref: PKB (0.00 ft above) Grey Date: May 16, 2007

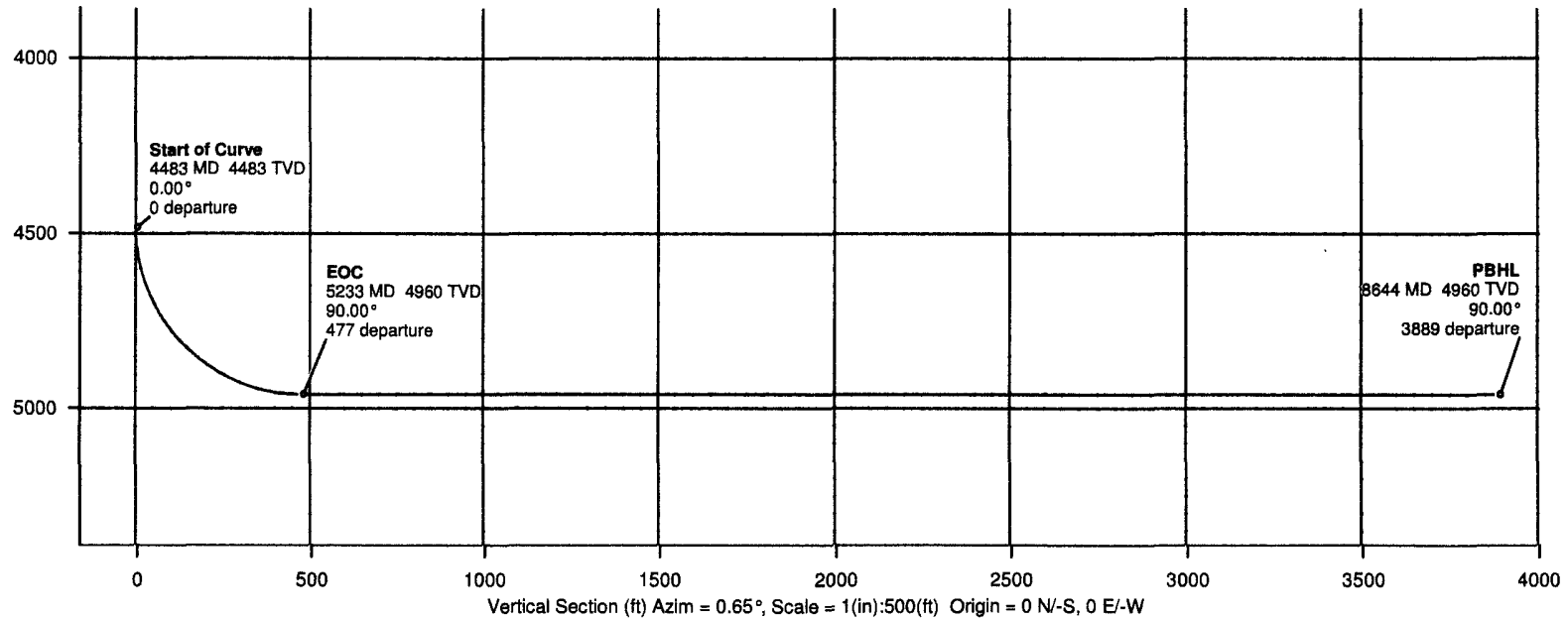


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LCX Energy

WELL	1625 State Com #202	FIELD	Eddy County, NM Nad 83	STRUCTURE	1625 State Com #202
Magnetic Parameters Mode: IORF 2005	Dip: 66.75° Mag Dec: -8.541°	Date: May 18, 2007 PS: 4972.5 CT	Surface Location Lat: N32 54 11.300 Lon: W104 30 18.600	NADES New Mexico State Planes, Eastern Zone, US Feet Northing: 982339.11 BUS Easting: 498399.81 BUS Scale Feet: 0.000122759	Miscellaneous Stat: 1625 State Com #202 Page: 1625 State Com #202 .1



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