

SHORELINE MEAN HIGH WATER				
FROM PT# TO PT	#BEARING	DISTANCE	VARAS	
95 →11	N36°47'32"W	46.23	16.64	
11 → 12	N38°14'58''W	19.73	7.10	
12 → 13	N27°16'27"W	12.21	4.40	
13 → 24	N60°14'19"W	24.36	8.77	
$24 \rightarrow 25$	S89°39'49"W	14.82	5.34	
<u>25 → 26</u>	N80°50'24''W	26.77	9.64	
$26 \rightarrow 27$	N78°05'50''W	32.17	11.58	
$27 \rightarrow 28$	S89°15'24''W	17.73	6.38	
$28 \rightarrow 34$	N77°21'58''W	5.14	1.85	
$34 \rightarrow 35$	N53°27'04''W	31.79	11.44	
$35 \rightarrow 36$	N55°39'33"W	17.10	6.15	
$36 \rightarrow 37$	N58°13'34"W	28.50	10.26	
$37 \rightarrow 38$	N61°54'26''W	15.35	5.53	
$\frac{37 \rightarrow 36}{38 \rightarrow 39}$	N88°31'23"W	7.22	2.60	
$38 \rightarrow 39$ $39 \rightarrow 40$	S70°59'05''W	15.86	5.71	
$40 \rightarrow 41$	S60°57'18"W	17.95	6.46	
41 → 42 12 12	N16°00'45"W	25.73	9.26	
42 → 43	N57°55'02"W	17.56	6.32	
43 → 51	N39°50'14"W	6.94	2.50	
51 → 52	N76°57'48"W	10.25	3.69	
52 → 53	N79°08'24"W	8.21	2.96	
53 → 54	N69°32'55"W	12.95	4.66	
$54 \rightarrow 55$	N64°18'02"W	4.32	1.56	
$55 \rightarrow 56$	N12°16'50"W	4.11	1.48	
$56 \rightarrow 57$	N49°11'13"W	20.37	7.33	
$57 \rightarrow 58$	N36°47'17"W	24.28	8.74	
58 → 61	N25°29'45"W	18.95	6.82	
61 → 59	N63°33'35"W	7.81	2.81	
$59 \rightarrow 60$	N15°37'48"W	5.71	2.05	
60 → 63	N48°47'30"W	39.55	14.24	
63 → 66	N88°21'15"W	22.98	8.27	
<u>66</u> → 67	N88°56'30"W	27.83	10.02	
67 → 68	N89°27'11"W	13.93	5.01	
<u>68 → 69</u>	N58°35'53"W	11.91	4.29	
$\frac{69 \rightarrow 70}{69 \rightarrow 70}$	S85°03'05''W	13.07	4.71	
$\frac{70 \rightarrow 70}{70 \rightarrow 71}$	S85°10'24"W	20.35	7.33	
$70 \rightarrow 71$ $71 \rightarrow 72$	S68°17'16"W	24.41	8.79	
$71 \rightarrow 72$ $72 \rightarrow 73$	S57°42'23"W	15.25	5.49	
$72 \rightarrow 73$ $73 \rightarrow 74$	S89°08'58"W	13.14	4.73	
$73 \rightarrow 74$ $74 \rightarrow 75$	N87°44'48"W	16.86	6.07	
$74 \rightarrow 75$ $75 \rightarrow 76$	N81°14'55"W	18.46	6.64	
$75 \rightarrow 76$ $76 \rightarrow 77$	N88°29'31''W	21.24	7.65	
$\frac{77 \rightarrow 78}{78 \qquad 70}$	N75°23'56"W	33.38	12.02	
$\frac{78 \rightarrow 79}{70}$	N76°20'15"W		10.40	
79 → 80	N62°07'29"W	40.04	14.41	
<u>80 → 81</u>	N49°00'23"W	33.23	11.96	
81 → 82	N47°25'57"W	36.70	13.21	
82 → 84	N32°16'30"W		4.15	
84 → 96	N27°46'04"W	3.01	1.08	

I, J. L. BRUNDRETT JR., DULY ELECTED COUNTY SURVEYOR OF ARANSAS COUNTY, TEXAS, DO HEREBY CERTIFY THAT THE

FOREGOING SHORELINE SURVEY WAS MADE BY ME ON THE

GROUND AND THAT THE BOUNDARY AND CONTROL POINTS

EXISTING MEAN HIGH WATER BOUNDARY.

ARE AS DESCRIBED HEREON. THE BOUNDARY SHOWN IS THE

SURVEYOR CERTIFICATION

L. Brundrett, Jr., R.P.L.S., Reg. No. 2133 Aransas County Surveyor

ounter 83522

RECEIVED

NOV 2 9 2005



Cimarex Energy Co. 15 East 5th Street, Suite 1000 Tulsa, Oklahoma 74103-4346 Phone: (918) 295-1680 Fax: (918) 295-1893

November 28, 2005

VIA FEDERAL EXPRESS

Texas General Land Office 6300 Ocean Drive NRC Building, Suite 2400 Corpus Christi, Texas 78412-5599

Attn: Ms. Heidi Cyr Coast Biologist, Asset Inspections

Re: Prize Energy Resources, L.P. – CE #LC9400522 20 acres, Lot 1, Tract 1, Section 46 Fifth Addition of Taft Farm Lands William Steele Survey, A-171 Aransas County, Texas

TEXAS GENERAL LAND OFFICE

Art. 33.136, Natural Resources Code Small Format Co. ARANSAS, Sketch No. 6A

File Date 2-8-2006 by D.J. H.

Dear Ms. Cyr:

Enclosed you will find a survey of the shoreline of Copano Bay, south of Prize Energy Resources facilities in Aransas County, Texas. The survey was completed by J.L. Bundrett, Jr. the Aransas County Surveyor.

Please be advised that Prize Energy Resources, L.P. and Magnum Hunter Resources, Inc. are wholly owned subsidiaries of Cimarex Energy Co.

If we can provide any further information, please contact me at (918) 295-1680.

Yours very truly, ncGo ames

James W. McColl Gulf Coast Land Manager

JWM:jr Enclosures



Surveying & Engineering

November 17, 2005

Mr. Jerry Patterson Commissioner of Texas General Land Office 1700 North Congress Avenue, Room 812 Austin, Texas 78701 C/o Mr. Ben Thomson Direction of Surveying

Re: Shoreline Survey~LC940052, Copano Bay~Aransas County

Dear Ben,

I am herewith enclosing a shoreline survey adjacent to the South shore of Copano Bay in Western Aransas County, Texas. Cimarex Energy Company, as adjacent owner requested us to provide a Chapter 33.136 survey in conjunction with his Coastal Easement LC 940052. I am requesting approval of the subject shoreline boundary pursuant to Section 33.136, Natural Resource Code, V.T.C.A.

Should you have questions, please do not hesitate to call.

Sincerely,

J. L. Brundrett, Jr., R. P. L.S. #2133 Aransas County, Surveyor

		OFFICE
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GENERAL LAND OFFICE

JERRY PATTERSON, COMMISSIONER

July 26, 2004

RECEIVED

Prize Energy Resources, L.P. C/O Mr. Craig Kirk 3500 William D. Tate, Suite 200 Grapevine, TX 76051 AUG 1 1 2004

Received

Grapevine

AUG 9 - 2004

MAILROOM

Re: Prize Energy Resources, L.P.—LC940052 (a 20 acre tract out of Lot 1, Tract 1, Section 46, in Fifth Addition of the Taft Farm Lands, William Steele Survey, Abstract 191)

Dear Mr. Kirk:

As we discussed on the telephone on July 26, 2004, the jetty authorized in LC940052 has caused significant unnatural build-up. In accordance with the rules set forth in the Texas Administrative Code, Title 31.4.155A§155.3g.7C(iii) states "no unnatural accumulation resulting in the deposition of sediments greater than five square feet per linear foot of the affected shoreline". During the site visit on June 22, 2004, and review of the 2002 aerial photos, it has been determined that there is more unnatural build-up on site than five square feet per linear foot.

We understand the structure may be necessary for the continued operation of your facilities. Therefore, in accordance with Title 31.4.155A§155.3g.7C(v) of the Texas Administrative Code, it may be kept but "the boundary between State-owned submerged land and the adjacent littoral property must be established by a Licensed State Land Surveyor" (LSLS). As your county contains a county surveyor, Mr. Brundrett, his services may be used as well.

Alternatively, you may remove a portion of the jetty adjacent to the shoreline to allow the natural sediment transport patterns to re-establish. This alternative may cause the basin to silt in; thereby requiring maintenance dredging.

If I can be of further assistance, please contact me at (361) 825-3039.

Sincerely, TEXAS GENERAL LAND OFFICE Art. 33.136, Natural Resources Code Small Format Co. ARANSAS, Sketch No. 60 Heidi Cyr 361-790-0126 Coastal Biologist, Asset Inspections File Date 2-8-2006 by D. J. H. Jerry Brundrett P.O. Box 2322 Rockport,

Asset Inspections – Lower Coast Field Office 6300 Ocean Drive • NRC Building, Suite 2400 • Corpus Christi, Texas 78412-5599 Phone: 361-825-3030 • Fax: 361-825-3040 www.glo.state.tx.us

COUNTER 83525

Tx. 78381