District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

Phone: (505) 476-3460 Pax: (505) 476-3462

District 1
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 RECEIVED State of New IMEXICO
Energy, Minerals & Natural Resources Department

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

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

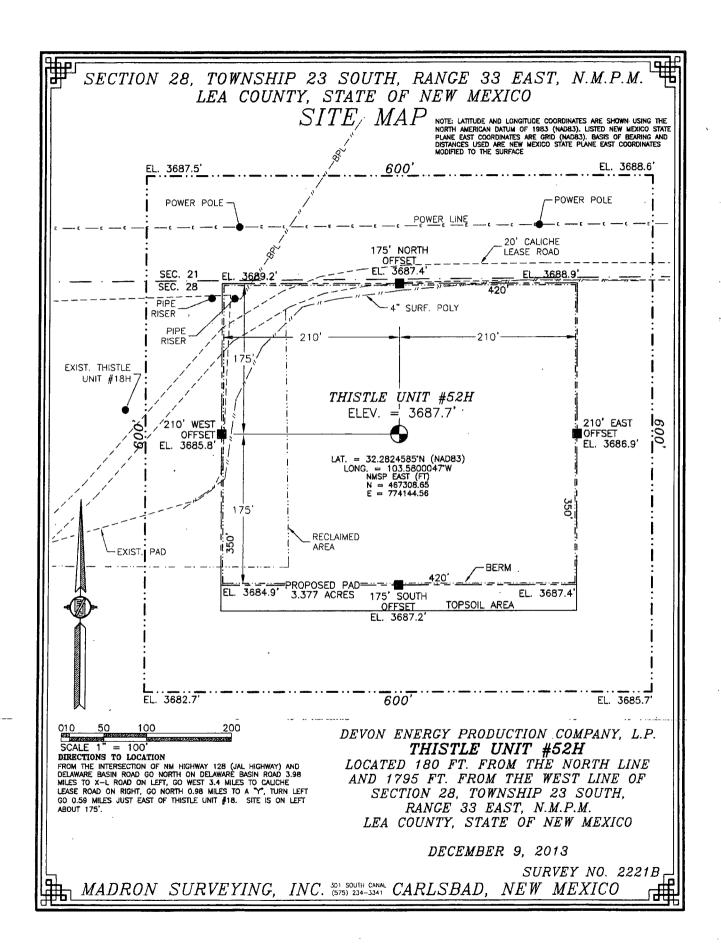
	TO DE DO CELLE		OD D DD I C. I I I O		
30-025- U	71897 3 99	OU TO	RIPLEX	³ Pool Name BONE SPRIN	X
1 Property Code		⁵ Property Name			6 Well Number
30884		THISTLE UN	ſΤ		52H
OGRID No.		⁴ Operator Name			⁹ Elevation
6137	DEVON ENI	3687.7			

¹⁰ Surface Location

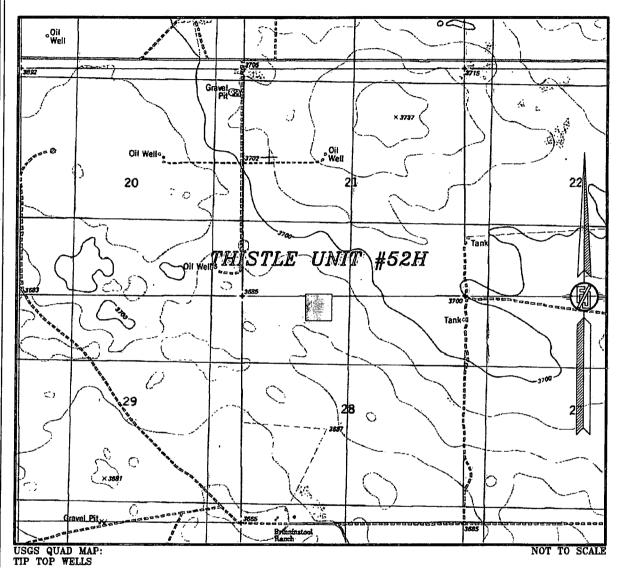
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	28	23 S	33 E		180	NORTH	1795	WEST	LEA
"Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	28	23 S	33 E		330	SOUTH	1980	WEST	LEA
N 12 Dedicated Acres		<u></u>	33 E onsolidation	Code 15 Or	330 der No.	SOUTH	1980	WEST	
Joint or Iniii	r Intill	C	nsondation	Code Or	der :No.				

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. PP: 180 FNL: 1795 FWL

<u></u>		7 177				7
	N89'36'00"	E // 2635.23 FT	N89'36'41"E	2636.41 FT	,	" OPERATOR CERTIFICATION
	3705	N Q CORNER SEC. 28		NE CORNER SEC. 28	1	I hereby certify that the information contained herein is true and complete
	NW CORNER SEC. 28	LAT. = 32/2829531*N LONG. = 103.5772866*W		LAT. = 32.2829508'N LONG. = 103.5687577'V		to the best of my knowledge and belief, and that this organization either
1	LAT. = 32.2829532'N	© NMSP EAST (FT)		NMSP EAST (FT)		owns a working interest or unleased mineral interest in the land including
1	LONG. = 103.5858118'W	N = 467494.48		N = 467512.36		the proposed bottom hole location or has a right to drill this well at this
g	NMSP EAST (FT) N = 467476.09	E = 774983.29		E = 777619.12	.00S	location pursuant to a contract with an owner of such a mineral or working
N00'24'	E = 772348.65	SURFACE /		!	25'5	interest, or to a voluntary pooling agreement or a compulsory pooling
42 W		LOCATION		1	55 E	order heratofore entered by the division.
=		THISTLE UNIT #52H		r — — — — — —	{``	3/21/2014
26		LAT. = 32.2824585 N (NAC	83)	1	2642.12	Signature Date
2641.04		LONG. = 103.5800047 W	•		2.1	
11		NMSP EAST (FT) N = 467308.65			3	David H. Cook Regulatory Specialist
=		E = 774144.56				Printed Name
Ì				, 		david.cook@dvn.com
	W Q CORNER SEC. 28	7		E Q CORNER SEC. 28 LAT. = 32.2756899'N		E-mail Address
	LAT. = 32.2756952'N LONG. = 103.5858099'W	i i		LONG. = 103.5687542'W]	,
	NMSP EAST (FT)		. — —	NMSP EAST (FT)		*SURVEYOR CERTIFICATION
	N = 464835.64 E = 772367.62	İ		N = 464870.84 E = 777639.03		I hereby certify that the well location shown on this
	C = 772307.02	<u> </u>	NOTE:	!	1 1	l ' "
		<i>y</i> − √	LATITUDE AND	EONGITUDE COORDINATES	ا ما	plat was plotted from field notes of actual surveys
N00'24'11"W		BOTTOM OF HOLE (AMERICAN DAT	ISING THE NORTH JJM OF 1983 (NAD83).	S00'26'28"E	made by me or under my supervision, and that the
24'1		LONG. = 103.5794050'W	LISTED NEW M	(EXICO STATE PLANE ÉAST ARE GRID (NAD83). BASIS	26'2	same is true and correct to the best of my belief.
₹		NMSP EAST (FT)	OF BEARING A	IND DISTANCES USED ARE	유	DECEMBER 9: 2013
		$N = \frac{462544.68}{774363.39} - \frac{1}{7} - \frac{1}{7} - \frac{1}{7}$	COORDINATES	STATE PLANE EAST MODIFIED TO THE	1	110 120
263	SW CORNER SEC. 28	Воттом	SURFACE.	İ	2637	Date of Survey
633.08	LAT. = 32.2684591'N	OF HOLE %		•	7.37	154
3	LONG. = 103,5858093'W	S O CORNER SEC. 2	3	SE CORNER SEC. 28		
'	NMSP EAST (FT) N = 462203.15	M LAT. = 32.2684508'N		LAT. = 32.2684419'N LONG. = 103.5687493'W	1 1	The Warning
	E = 772386.14	LUNG. = 103,3/12/46	w	NMSP EAST (FT)	/	Signature and Seal at Professional Surveyor.
		-1980'		N = 462234.07	y l	
		E = 775024.12		E = 777659.32	J	Certificate Number: AFILMOST, JARS MILEO, PLS 12797
	\$89'39'51 " W	2638.55 FT	589'39'50 " W	2635.77 FT		SERVEY NO. 2221B



SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO LOCATION VERIFICATION MAP



DEVON ENERGY PRODUCTION COMPANY, L.P.
THISTLE UNIT #52H

THISTLE UNIT #52H

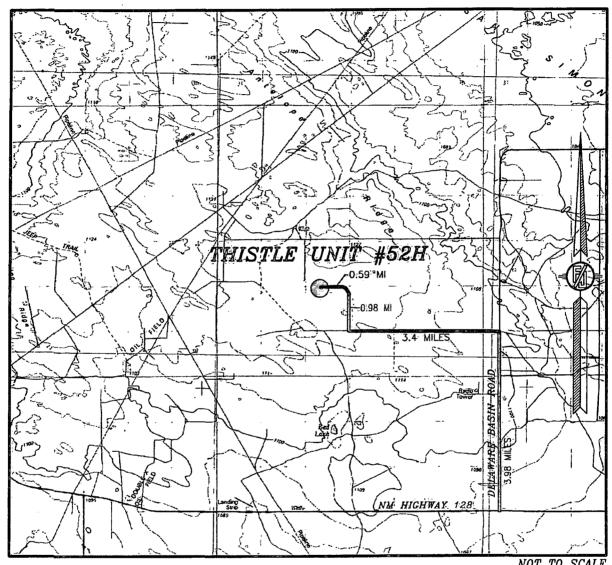
LOCATED 180 FT. FROM THE NORTH LINE
AND 1795 FT. FROM THE WEST LINE OF
SECTION 28, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

DECEMBER 9, 2013

SURVEY NO. 2221B

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO VICINITY MAP



NOT TO SCALE

"DEVON ENERGY PRODUCTION COMPANY, L.P.

THISTLE UNIT #52H LOCATED 180 FT. FROM THE NORTH LINE AND 1795 FT. FROM THE WEST LINE OF SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO

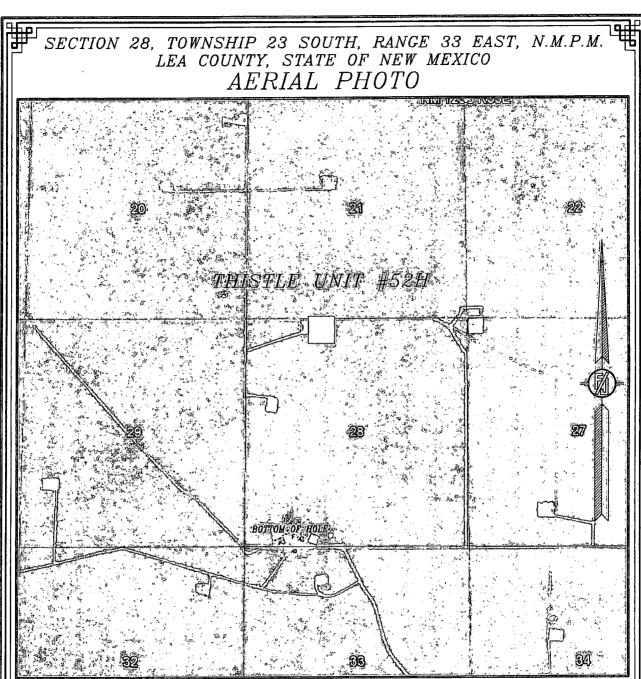
DECEMBER 9, 2013

DIRECTIONS TO LOCATION

DIRECTIONS TO LOCATION
FROM THE INTERSECTION OF NM HIGHWAY 128 (JAL HIGHWAY) AND
DELAWARE BASIN ROAD GO NORTH ON DELAWARE BASIN ROAD 3.98
MILES TO X-L ROAD ON LEFT, GO WEST 3.4 MILES TO CALICHE
LEASE ROAD ON RIGHT, GO NORTH 0.98 MILES TO A "Y", TURN LEFT
GO 0.59 MILES JUST EAST OF THISTLE UNIT #18. SITE IS ON LEFT

SURVEY NO. 2221B

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO



NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH MARCH 2012

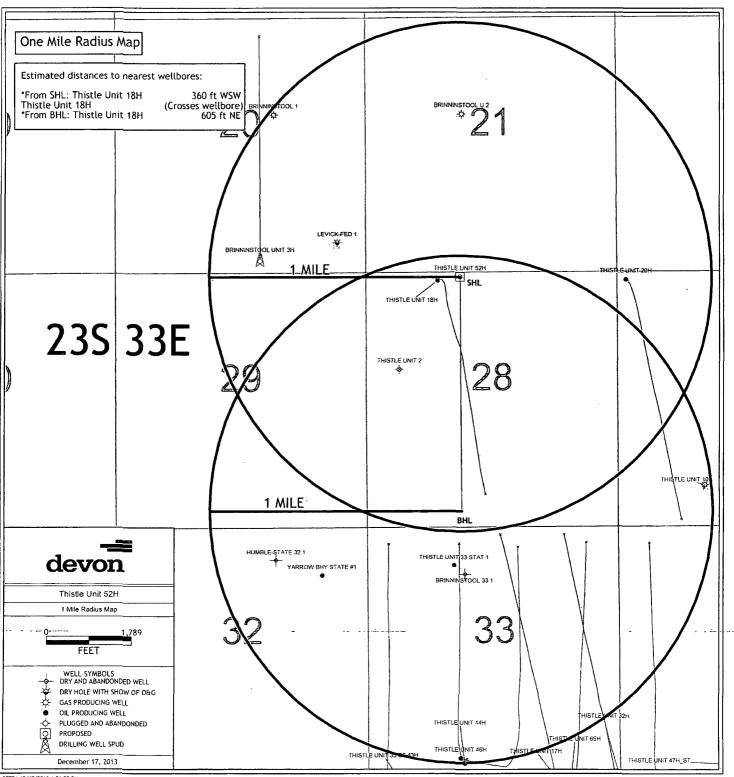
DEVON ENERGY PRODUCTION COMPANY, L.P. THISTLE UNIT #52H

LOCATED 180 FT. FROM THE NORTH LINE AND 1795 FT. FROM THE WEST LINE OF SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO

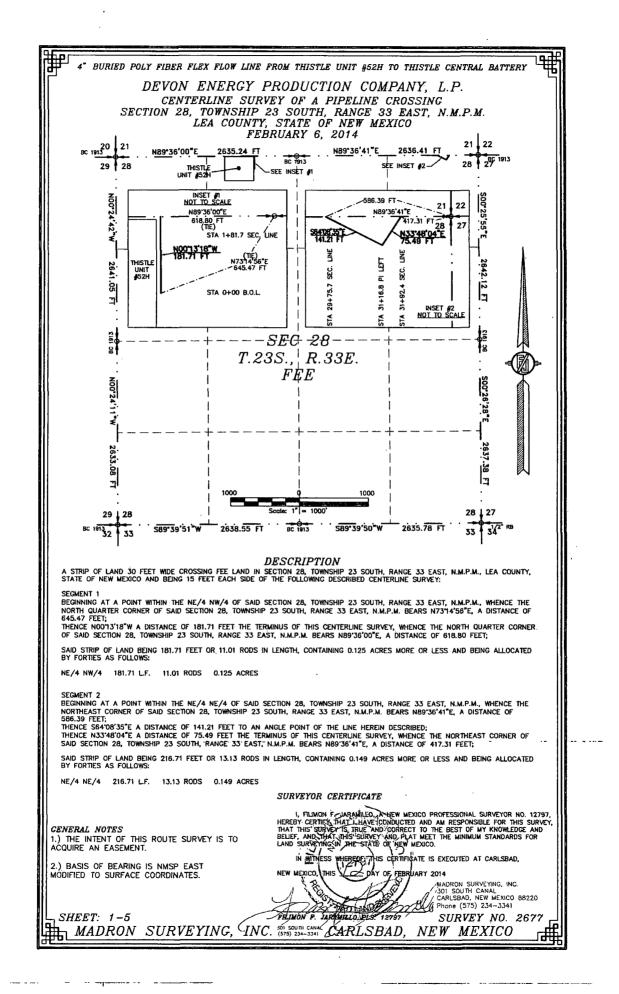
DECEMBER 9, 2013

SURVEY NO. 2221B

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO



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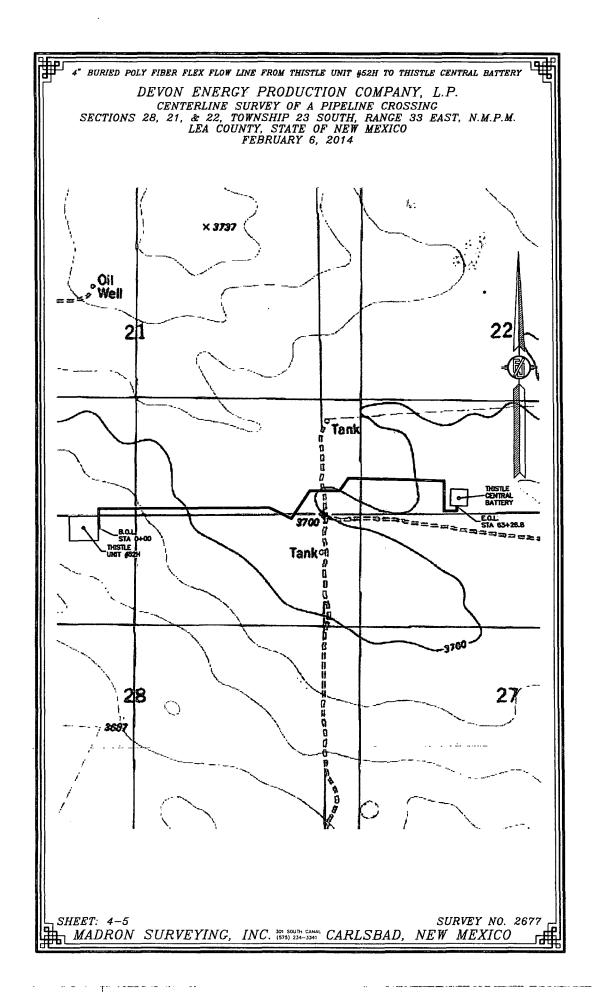


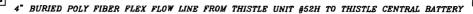
4° BURIED POLY FIBER FLEX FLOW LINE FROM THISTLE UNIT #52H TO THISTLE CENTRAL BATTERY DEVON ENERGY PRODUCTION COMPANY, L.P. CENTERLINE SURVEY OF A PIPELINE CROSSING SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
FEBRUARY 6, 2014 BC 1918 2638.08 FT RB W/CAP 15 16 N89'31'53"E_ 2633.56 FT BC 1918 N89*38'05"E 21 22 20 21 1000 ä П CTION LINE
RIGHT
LEASE RD.
VON BPL
W B-NV FENCE
CTION LINE SEC 21 T.23S., R.33E.FEE-125+82.2 DCP BPL 127+52.7 PI RIGHT 128+75.7 SECTION UL STA 33+82 STA 35+83 STA 35+83 STA 37+33 STA 37+37 STA 37+87 STA 37+87 STA 괴 BC 1913 21 334.88 21 1 22 (TE) 589°36'00"W 589*36'41 1 SEG. 2 417.31' (TIE) DESCRIPTION A STRIP OF LAND 30 FEET WIDE CROSSING FEE LAND IN SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY: SEGMENT A POINT WITHIN THE SE/4 SW/4 OF SAID SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M., WHENCE THE SOUTH QUARTER CORNER OF SAID SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS N89"36"00"E, A DISTANCE OF 618.80 FEET; THENCE N0013"18"W A DISTANCE OF 102.44 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE N89"41"53"E A DISTANCE OF 2486.58 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE S84"08"35"E A DISTANCE OF 222.93 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS N89"36"41"E, A DISTANCE OF 588.39 FEET; SAID STRIP OF LAND BEING 2793.95 FEET OR 169.33 RODS IN LENGTH, CONTAINING 1.924 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS: SEGMENT 2
BEGINNING AT A POINT WITHIN THE SE/4 SE/4 OF SAID SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M., WHENCE THE SOUTHEAST
CORNER OF SAID SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS NB936'41'E, A DISTANCE OF 417.31 FEET;
THENCE N3348'04'E A DISTANCE OF 408.25 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED:
THENCE N8957'48'E A DISTANCE OF 188.89 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID
SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS S00'24'49'E, A DISTANCE OF 334.88 FEET; SAID STRIP OF LAND BEING 595.13 FEET OR 36.07 RODS IN LENGTH, CONTAINING 0.410 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS: SE/4 SE/4 595.13 LF. 36.07 RODS 0.410 ACRES SURVEYOR CERTIFICATE I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT CHAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY, BND; CORRECT TO THE BEST OF MY KNOWLEDGE AND BELLEF, AND THAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING AN GREE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS DAWN OF FEBRUARY 2014 **CENERAL NOTES** 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT. 2.) BASIS OF BEARING IS NMSP EAST MODIFIED TO SURFACE COORDINATES. MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO 88220 Phone (575) 234-3341 SHEET: 2-5 SURVEY NO. 2677 INC. 301 SOUTH CANAL CARLSBAD, MADRON SURVEYING, NEW MEXICO

4" BURIED POLY FIBER FLEX FLOW LINE FROM THISTLE UNIT #52H TO THISTLE CENTRAL BATTERY DEVON ENERGY PRODUCTION COMPANY, L.P. CENTERLINE SURVEY OF A PIPELINE CROSSING SECTION 22, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO FEBRUARY 6, 2014 16 w/cap N89"40"36"E N89°40'34"E 22 23 21 22 1000 2639.59 SEC 22 13 T.23S., R.33E.STATE PI RIGHT 20' LEAS DOCP BPL PI LEFT E.O.L łg N00"24"49"W S00"28"19"E 44 \$25655 2646.16 F 2642.66 22 | 23 1913 S89"40"45"W 589°40'58"V DESCRIPTION A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 22, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY: BEGINNING AT A POINT WITHIN THE SW/4 SW/4 OF SAID SECTION 22, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M., WHENCE THE SOUTHWEST CORNER OF SAID SECTION 22, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS SOU'24'49'E, A DISTANCE OF 334.88 FEET; 334.88 FEET;
THENCE N89'57'48"E A DISTANCE OF 244.91 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE NS5'07'38"E A DISTANCE OF 223.74 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S8821'37"E A DISTANCE OF 1386.11 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S00'03'39"E DISTANCE OF 434.89 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE S09'59'47"E A DISTANCE OF 184.80 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N02'13'54"E A DISTANCE OF 184.80 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N02'13'54"E A DISTANCE OF 65.05 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTH QUARTER CORNER
OF SAID SECTION 22, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS S82'18'54"E, A DISTANCE OF 703.33 FEET; SAID STRIP OF LAND BEING 2539.51 FEET OR 153.91 RODS IN LENGTH, CONTAINING 1.749 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS: SW/4 SW/4 SE/4 SW/4 1415.19 LF 85.77 RODS 68.14 RODS 1124.32 L.F. SURVEYOR CERTIFICATE I. FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797. I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT! HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS THUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYNING THE STATE OF HEW MEXICO.

IN WITHEST WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS TOTAL THE MEXICO. GENERAL NOTES 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT. 2.) BASIS OF BEARING IS NMSP EAST MODIFIED TO SURFACE COORDINATES. MADRON SOLVETING, INS. 201 SOUTH CANAL CARLSBAD, NEW MEXICO 88220 Phone (575) 234-3341 SURVEY NO. 2677 SHEET: 3-5 INC. 301 SOUTH CANAL CAPLLS BAD. MADRON SURVEYING, NEW MEXICO





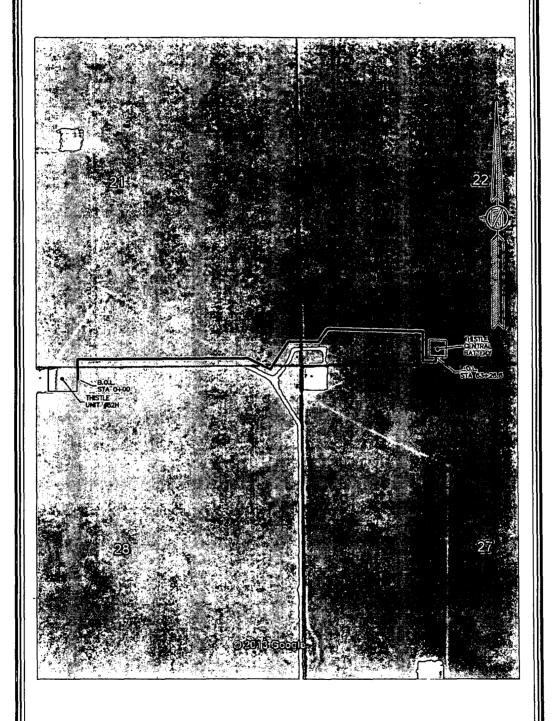
DEVON ENERGY PRODUCTION COMPANY, L.P.

CENTERLINE SURVEY OF A PIPELINE CROSSING

SECTIONS 28, 21, & 22, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.

LEA COUNTY, STATE OF NEW MEXICO

FEBRUARY 6, 2014



SHEET: 5-5
SURVEY NO. 2677
MADRON SURVEYING, INC. 301 SQUIN CANAL CARLSBAD, NEW MEXICO