

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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 Fax: (505) 476-3462

State of New Mexico
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

HOBBS OGD

OCT 22 2014

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-40999	² Pool Code 5695	³ Pool Name BILBREY BASIN; 3RD BONE SPRING
⁴ Property Code 39700	⁵ Property Name DIVIDE 3 STATE COM	⁶ Well Number 1H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3802.7

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
N	3	22 S	32 E		660	SOUTH	2440	WEST	LEA

¹¹ 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
O	4	22 S	32 E		660	SOUTH	2310	EAST	LEA

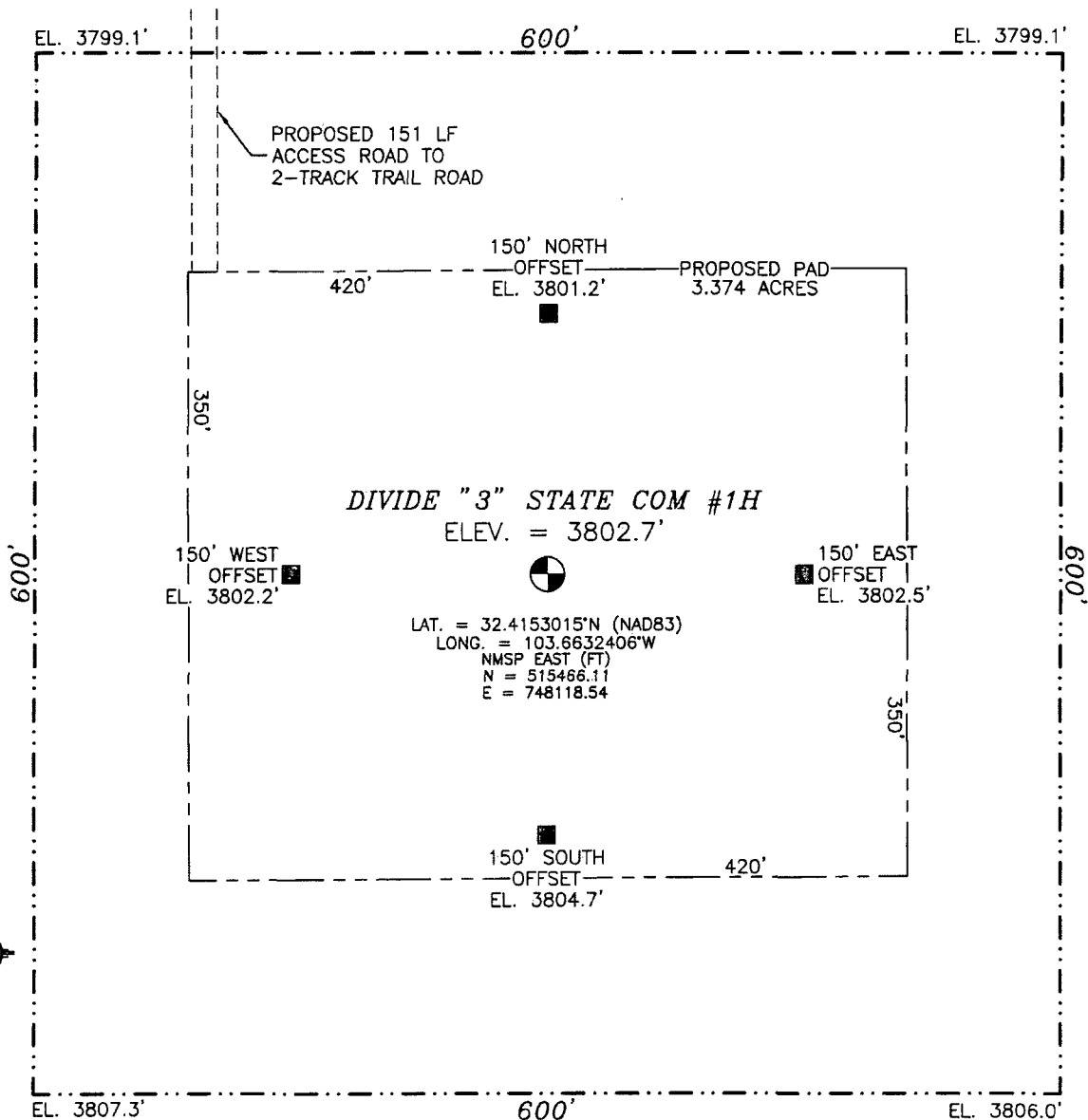
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>¹⁷ OPERATOR CERTIFICATION</p> <p>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 or has a right to drill this well at this 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.</p> <p>Signature: <i>[Signature]</i> Date: 10/21/2014</p> <p>David H. Cook Regulatory Specialist</p> <p>Printed Name</p> <p>david.cook@dmv.com</p> <p>E-mail Address</p>		<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 28 2015</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <i>[Signature]</i></p> <p>Certificate Number: FLEMING F. JARAMILLO, PLS 12797</p> <p>SURVEY NO. 1562</p>	
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OCT 22 2014

SECTION 3, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



010 50 100 200
SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM INTERSECTION OF STATE HIGHWAY 62-180 AND CR 29 (CAMPBELL ROAD) GO SOUTH ON CR 29 APPROX. 9.0 MILES TO A LEASE ROAD ON LEFT (EAST) BY A TAN WATER TANK, TURN LEFT (EAST) GO APPROX. 0.7 MILES, ROAD TURNS LEFT (NORTH) GO APPROX. 0.5 MILES, ROAD TURNS RIGHT (EAST) FOLLOW ROAD APPROX. 1.4 MILES TO A 4-WAY INTERSECTION, TURN RIGHT (SOUTH) GO APPROX. 0.6 MILES, ROAD TURNS LEFT (EAST) GO APPROX. 0.3 MILES, ROAD TURNS RIGHT (SOUTH) GO APPROX. 0.9 MILES, ROAD TURNS LEFT (EAST) GO APPROX. 0.4 MILES AS ROAD BEGINS TURNING RIGHT (SOUTH) IS A 2-TRACK TRAIL ROAD ON LEFT (EAST) TURN LEFT (EAST) GO APPROX. 0.7 MILES TO LOCATION ON RIGHT (SOUTH) 300 FT.

DEVON ENERGY PRODUCTION COMPANY, L.P.

DIVIDE "3" STATE COM #1H

LOCATED 660 FT. FROM THE SOUTH LINE
AND 2440 FT. FROM THE WEST LINE OF
SECTION 3, TOWNSHIP 22 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

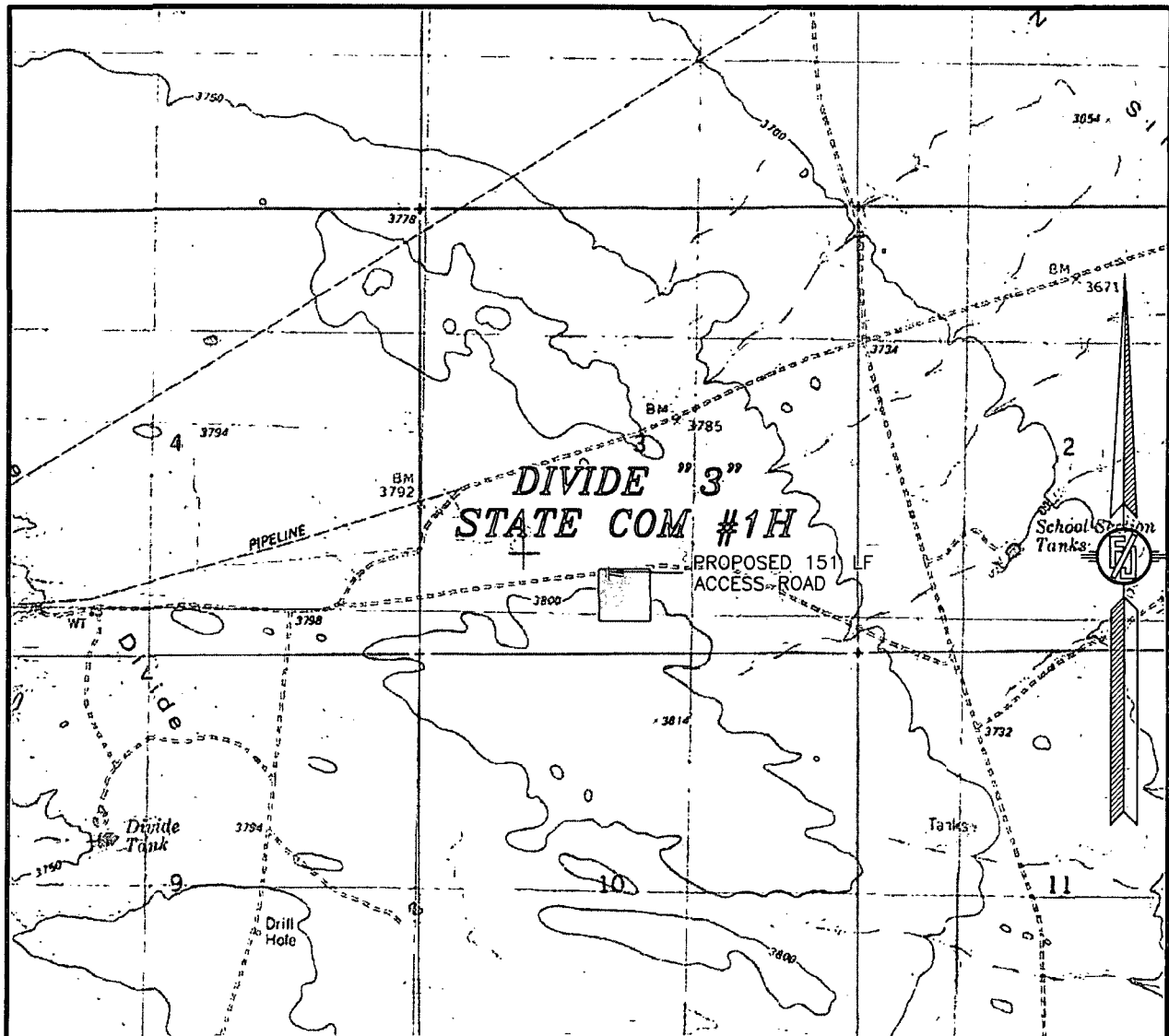
JANUARY 28, 2013

SURVEY NO. 1562

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341

CARLSBAD, NEW MEXICO

SECTION 3, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
THE DIVIDE

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

DIVIDE "3" STATE COM #1H

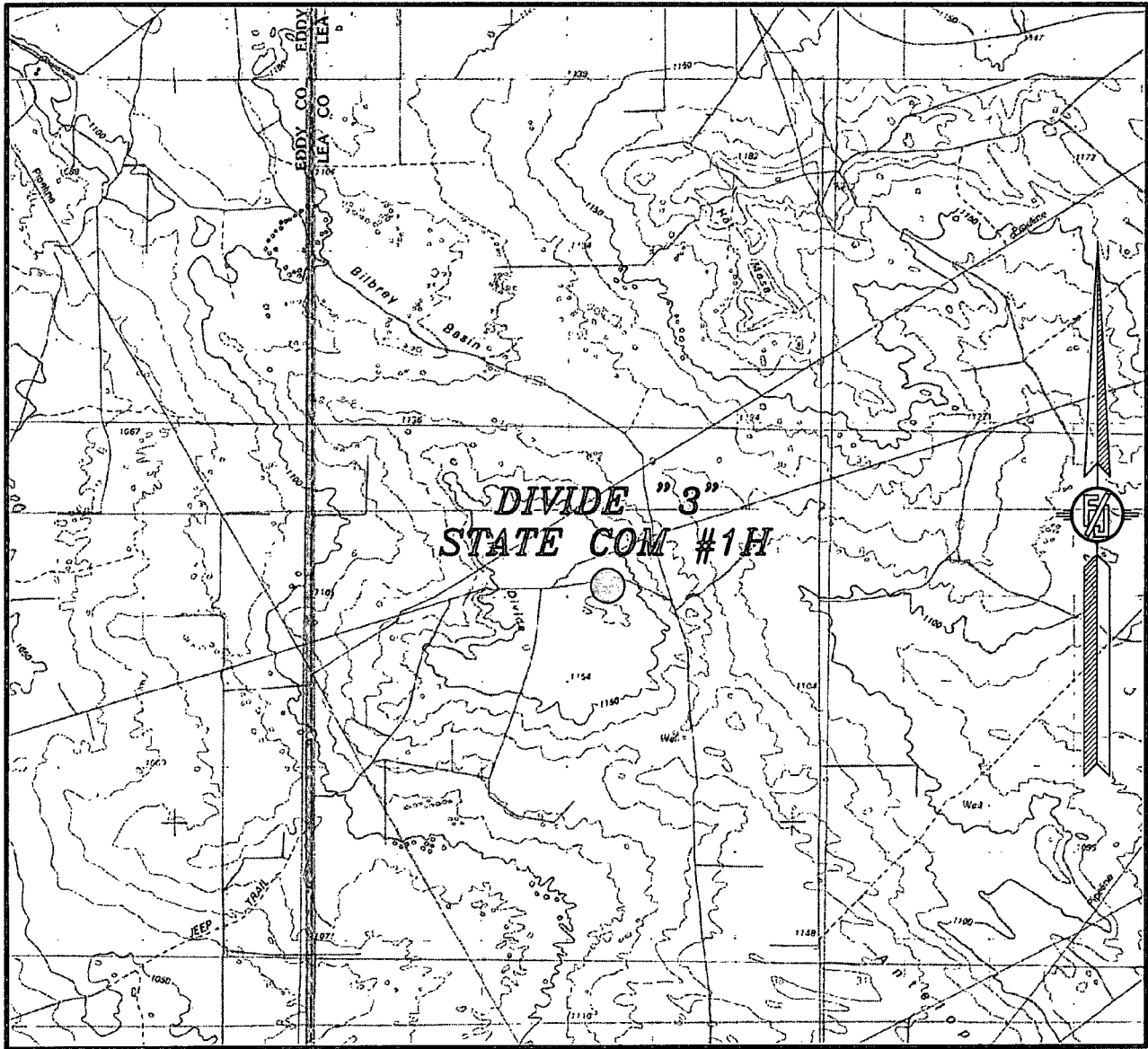
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LEA COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2013

SURVEY NO. 1562

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 3, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
VICINITY MAP



NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

DIVIDE "3" STATE COM #1H

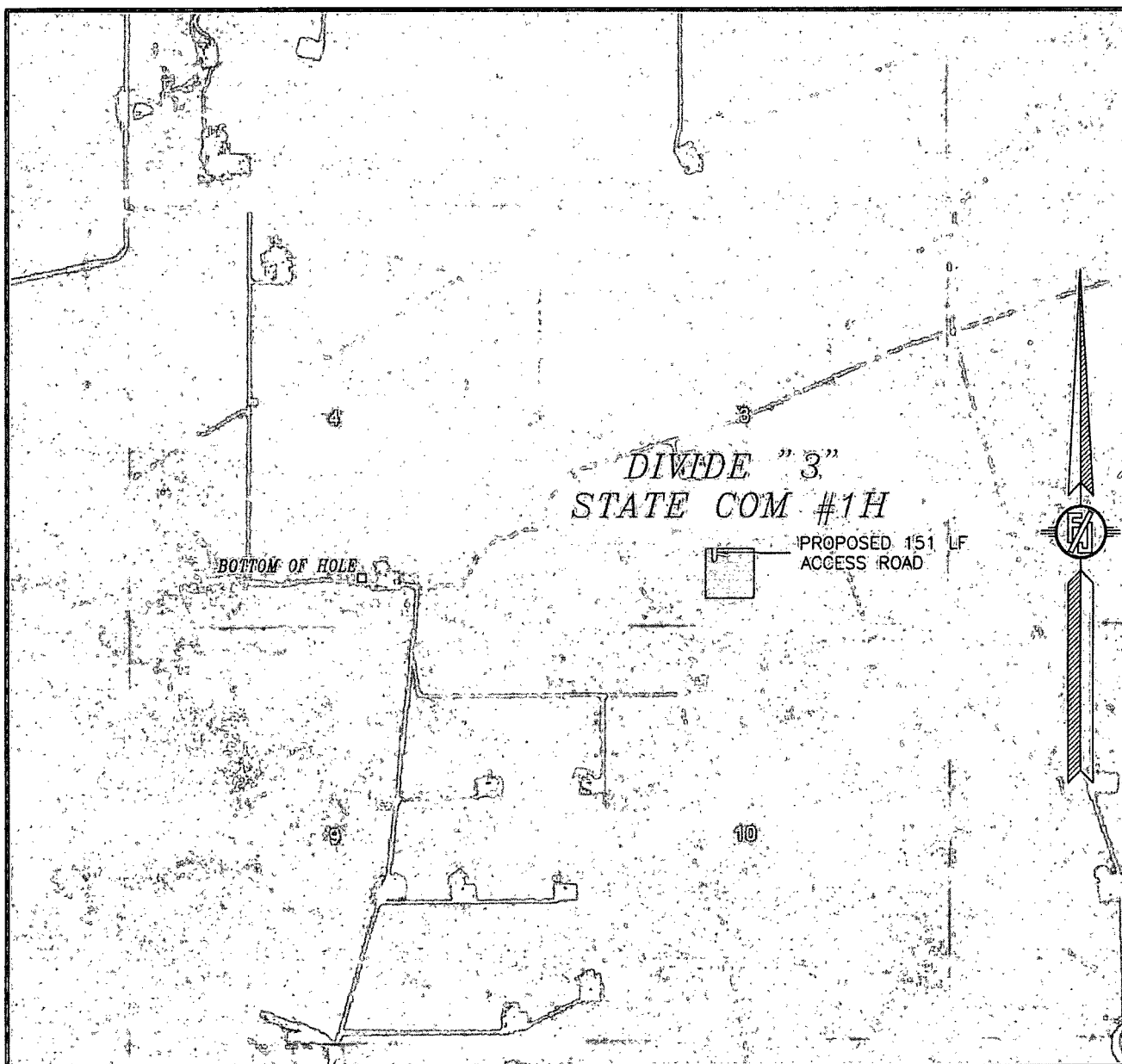
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MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SECTION 3, TOWNSHIP 22 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
MARCH 2012

DEVON ENERGY PRODUCTION COMPANY, L.P.

DIVIDE "3" STATE COM #1H

LOCATED 660 FT. FROM THE SOUTH LINE
AND 2440 FT. FROM THE WEST LINE OF
SECTION 3, TOWNSHIP 22 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JANUARY 28, 2013

SURVEY NO. 1562

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

Casing Program

Divide 3 State Com 1H

Hole Size	Casing Interval		Csg. Size	Weight (lbs)	Grade	Conn.	SF Collapse	SF Burst	SF Tension
	From	To							
8.75"	0	16459	5.5	17	HCP110	BTC	1.50	1.86	1.72
Option # 2									
8.75"	0	12100	7"	29	HCP110	BTC	1.61	1.96	2.41
6.125"	11182	16459	4.5"	13.5	P110	BTC	1.87	2.17	4.07

Casing	# Sks	Wt. lb/ gal	H ₂ O gal/sk	Yld ft ³ / sack	500# Comp. Strength (hours)	Slurry Description
13-3/8" Surface	860	14.8	6.32	1.33	6	Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake
9-5/8" Inter.	1010	12.9	9.81	1.85	17	Lead: (65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Bentonite + 5% BWOW Sodium Chloride + 0.125 lbs/sack Poly-E-Flake
	430	14.8	6.32	1.33	6	Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake
7" Inter.	400	11	14.81	2.55	14	Lead: Tuned Light® Cement + 0.125 lb/sk Pol-E-Flake
	400	14.5	5.31	1.2	25	Tail: (50:50) Class H Cement: Poz (Fly Ash) + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.2% BWOC HR-601 + 2% bwoc Bentonite
7" Inter Two Stage Option	590	11.9	12.89	5.31	n/a	1 st Stage Lead: (50:50) Class H Cement: Poz (Fly Ash) + 10% BWOC Bentonite + 1 lb/sk of Kol-Seal + 0.3% BWOC HR-601 + 0.5lb/sk D-Air 5000
	160	14.5	5.31	1.2	25	1 st Stage Tail: (50:50) Class H Cement: Poz (Fly Ash) + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.2% BWOC HR-601 + 2% bwoc Bentonite
	DV Tool = 4800ft					
	20	11	14.81	2.55	14	2 nd Stage Lead: Tuned Light® Cement + 0.125 lb/sk Pol-E-Flake
	40	14.8	6.32	1.33	6	2 nd stage Tail: Class C Cement + 0.125 lbs/sack Poly-E-Flake
4-1/2" Liner	690	14.5	5.31	1.2	25	Primary: (50:50) Class H Cement: Poz (Fly Ash) + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.2% BWOC HR-601 + 2% bwoc Bentonite
5-1/2" Prod	760	11.9	12.89	5.31	n/a	1 st Lead: (50:50) Class H Cement: Poz (Fly Ash) + 10% BWOC Bentonite + 1 lb/sk of Kol-Seal + 0.3% BWOC HR-601 + 0.5lb/sk D-Air 5000
	330	12.5	10.86	1.96	30	2 nd Lead: (65:35) Class H Cement: Poz (Fly Ash) + 6% BWOC Bentonite + 0.25% BWOC HR-601 + 0.125 lbs/sack Poly-E-Flake
	1240	14.5	5.31	1.2	25	Tail: (50:50) Class H Cement: Poz (Fly Ash) + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.2% BWOC HR-601 + 2% bwoc Bentonite

DV tool depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

Casing String	TOC	% Excess
13-3/8" Surface	0'	100%
9-5/8" Intermediate	0'	75%
7" Intermediate	4200'	25%
7" Intermediate Two Stage Option	1 st Stage = 4800' / 2 nd Stage 4200'	25%
Production Liner	11,132'	25%
5-1/2" Production Casing	4200'	25%

DEVON ENERGY

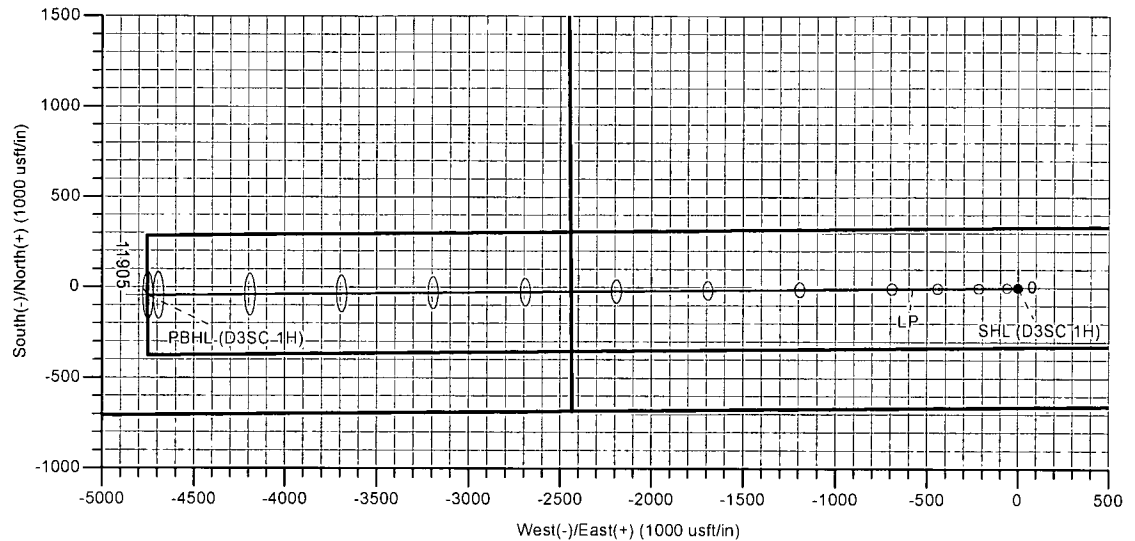
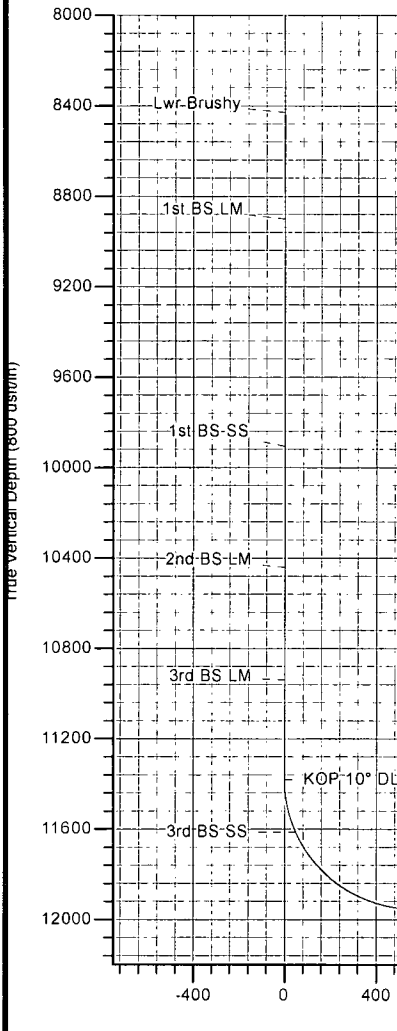
Project: Lea County, NM (NAD-83)
 Site: Divide 3 State Com
 Well: 1H
 Wellbore: OH
 Design: Plan #1



Azimuths to Grid North
 True North: -0.36°
 Magnetic North: 7.04°

Magnetic Field
 Strength: 48344.2snT
 Dip Angle: 60.26°
 Date: 10/13/2014
 Model: BGGM2014

devon



DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
SHL (D3SC 1H)	0.00	0.00	0.00	515466.11	748118.54	32° 24' 55.085 N	103° 39' 47.666 W
PBHL (D3SC 1H)	11905.00	-45.49	-4749.30	515420.62	743369.24	32° 24' 54.926 N	103° 40' 43.072 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	11382.08	0.00	0.00	11382.08	0.00	0.00	0.00	0.00	0.00	KOP 10° DLS
3	12288.95	90.69	269.45	11955.00	-5.55	-579.80	10.00	269.45	579.83	LP
4	16458.94	90.69	269.45	11905.00	-45.49	-4749.30	0.00	0.00	4749.52	TD

Vertical Section at 269.45° (800 usft/in)



LEAM DRILLING SYSTEMS LLC
 2010 East Davis, Conroe, Texas 77301
 Phone: 936/756-7577, Fax 936/756-7595

Plan: Plan #1 (1H/OH)
 Divide 3 State Com
 Created By: Brady Deaver
 Date: 13:33, October 13 2014
 Approved: _____ Date: _____