

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

MAY 18 2015

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-42479		² Pool Code 7320		³ Pool Name Brinninstool; Bone Spring	
⁴ Property Code 314247		⁵ Property Name NORTH THISTLE 15-10 STATE COM			⁶ Well Number 2H
⁷ OGRID No. 6137		⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.			⁹ Elevation 3711.4
¹⁰ Surface Location					
UL or lot no. M	Section 15	Township 23 S	Range 33 E	Lot Idn 415	Feet from the North/South line SOUTH Feet from the East/West line 810 WEST County LEA
¹¹ Bottom Hole Location If Different From Surface					
UL or lot no. C	Section 10	Township 23 S	Range 33E	Lot Idn 330	Feet from the North/South line NORTH Feet from the East/West line 1732 WEST County LEA
¹² Dedicated Acres 320.00		¹³ Joint or Infill		¹⁴ Consolidation Code	
¹⁵ Order 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.

	<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 leased 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><i>Linda Good</i> 5/18/2015 Signature Date</p> <p>Linda Good Printed Name</p> <p>linda.good@dmv.com 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>MAY 1, 2015 Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number: FILMON P. JARAMILLO, PLS 12797 SURVEY NO. 3669A</p>

MAY 18 2015

SITE MAP

EL. 3707.7' 650' EL. 3714.1'

30' 210' NORTH TOPSOIL OFFSET AREA EL. 3709.1' EL. 3712.4' EL. 3710.7'

N89°57'45"E 470.19 FT PROPOSED PAD

260' 210'

210' NORTH THISTLE "15-10" STATE COM 2H ELEV. = 3711.4' 4.157± ACRES

NORTH THISTLE "15-10" STATE COM 1H

260' WEST OFFSET EL. 3712.0' 210' EAST OFFSET EL. 3711.6'

LAT. = 32.2986130°N (NAD83) LONG. = 103.5661409°W NMSP EAST (FT) N = 473216.02 E = 778387.07

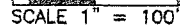
175' 385.17 FT 385.11 FT 175' SOUTH OFFSET EL. 3710.2'

20' LEASE ROAD EL. 3711.3' EL. 3710.3'

600' 600'

TARGA BPL

EL. 3714.0' 650' EL. 3710.4'



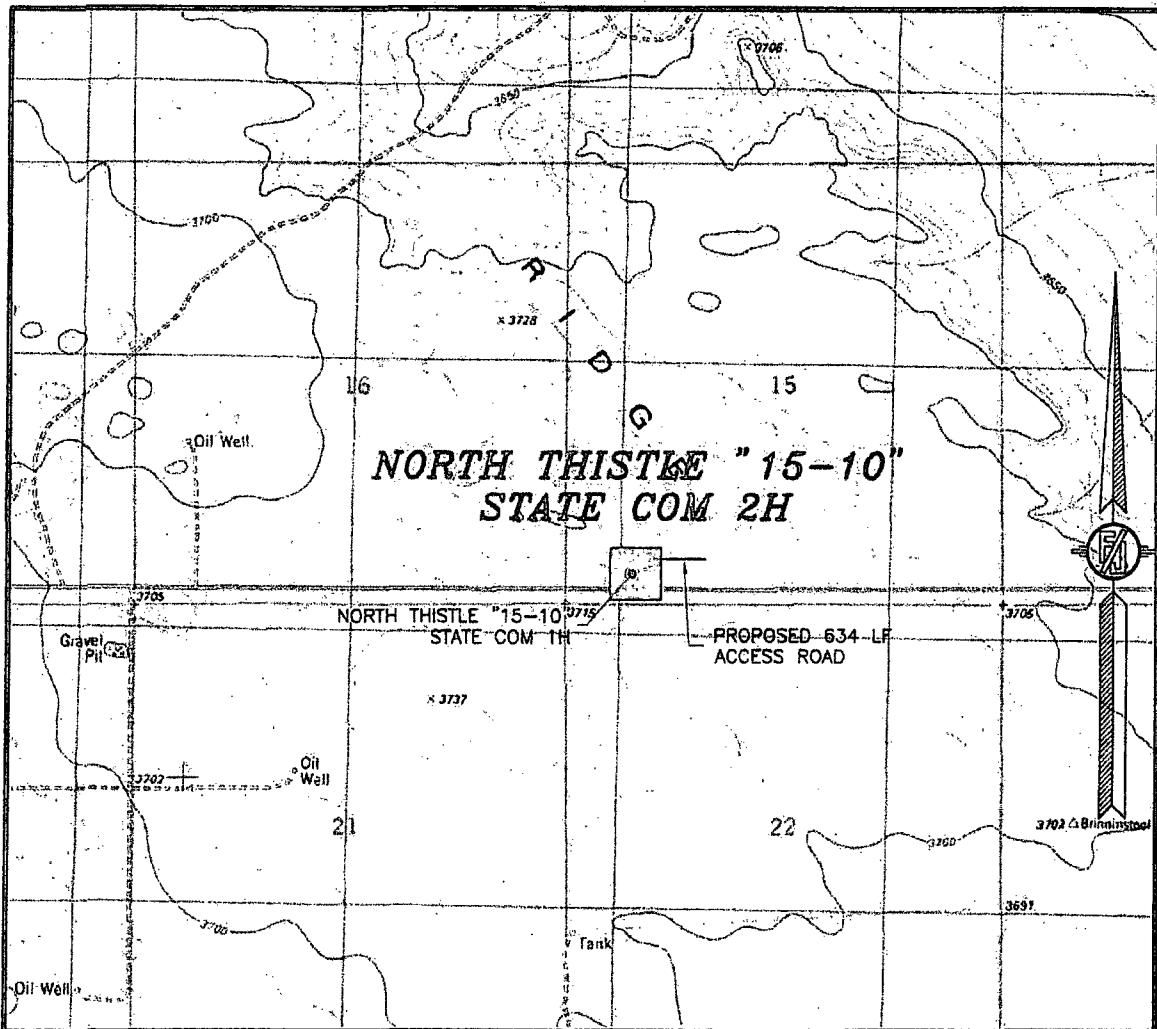
FROM THE INTERSECTION OF STATE HIGHWAY 128 AND CR 21
(DELAWARE BASIN ROAD) GO NORTH ON CR 21 APPROX. 6.1 MILES
TO A LEASE ROAD ON LEFT (WEST), TURN WEST GO APPROX. 3.1
MILES TO A LEASE ROAD ON RIGHT (NORTH), TURN NORTH GO 0.1
MILE TO ROAD LATH ON LEFT (WEST) FOLLOW ROAD LATHS WEST
APPROX. 634' TO THE NORTHEAST PAD CORNER FOR THIS LOCATION.

MAY 1, 2015

SURVEY NO. 3669A

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

SECTION 15, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
TIP TOP WELLS

NOT TO SCALE

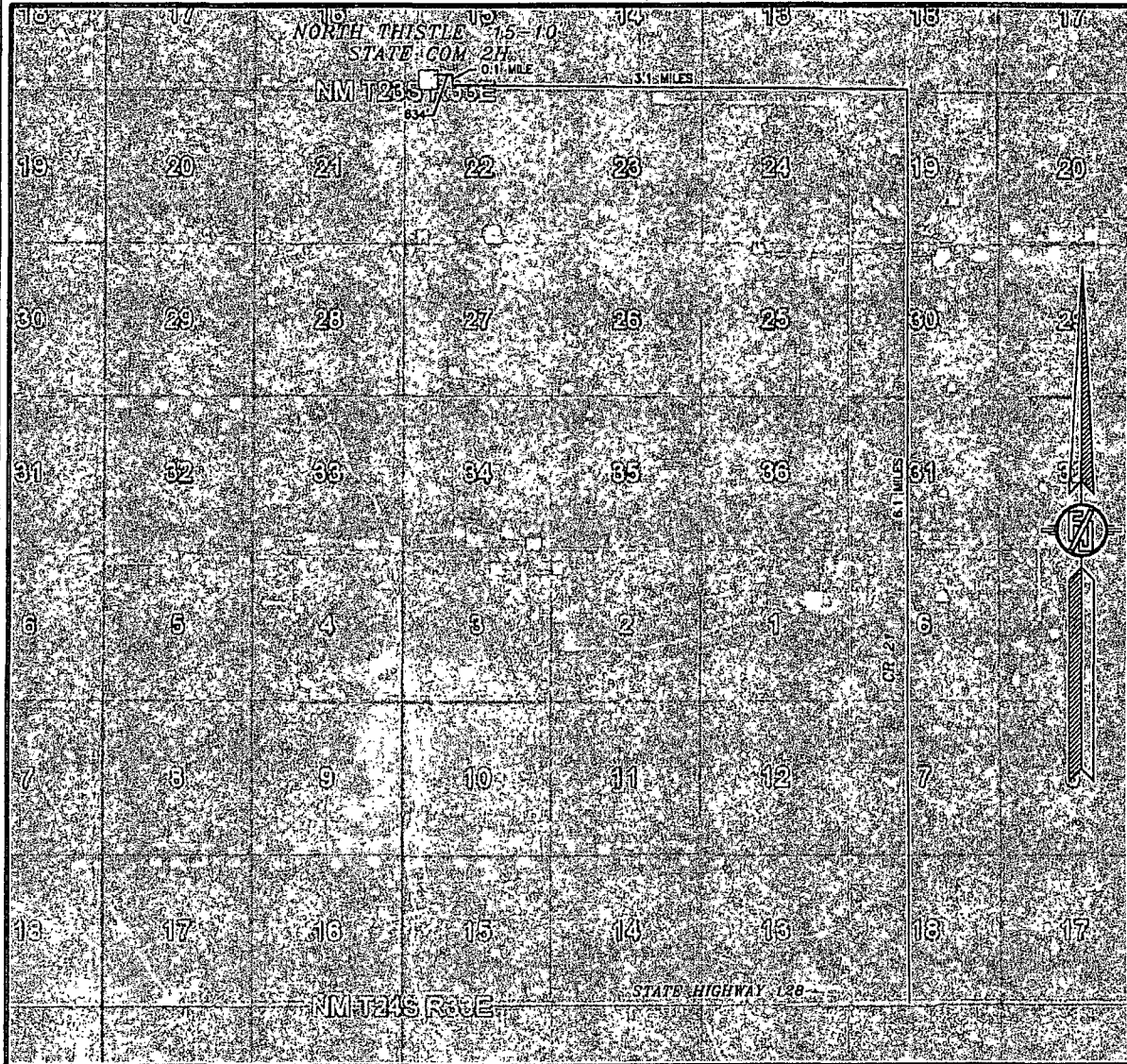
DEVON ENERGY PRODUCTION COMPANY, L.P.
NORTH THISTLE "15-10" STATE COM 2H
LOCATED 415 FT. FROM THE SOUTH LINE
AND 810 FT. FROM THE WEST LINE OF
SECTION 15, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

MAY 1, 2015

SURVEY NO. 3669A

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

SECTION 15, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
ACCESS AERIAL ROUTE MAP



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
FEBRUARY 2014

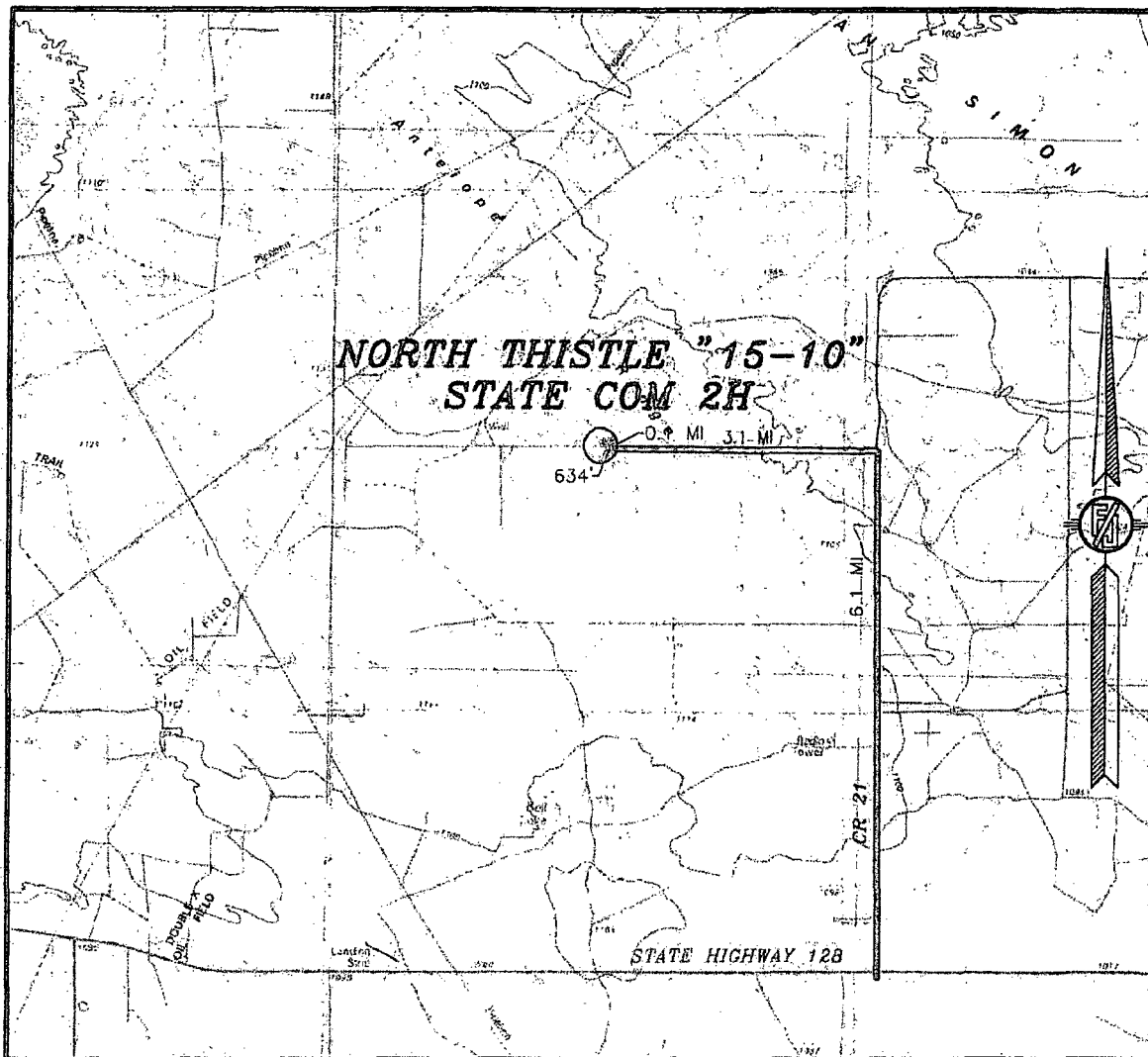
DEVON ENERGY PRODUCTION COMPANY, L.P.
NORTH THISTLE "15-10" STATE COM 2H
LOCATED 415 FT. FROM THE SOUTH LINE
AND 810 FT. FROM THE WEST LINE OF
SECTION 15, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

MAY 1, 2015

SURVEY NO. 3669A

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

SECTION 15, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.
NORTH THISTLE "15-10" STATE COM 2H

LOCATED 415 FT. FROM THE SOUTH LINE

AND 810 FT. FROM THE WEST LINE OF

SECTION 15, TOWNSHIP 23 SOUTH,

RANGE 33 EAST, N.M.P.M.

LEA COUNTY, STATE OF NEW MEXICO

DIRECTIONS TO LOCATION

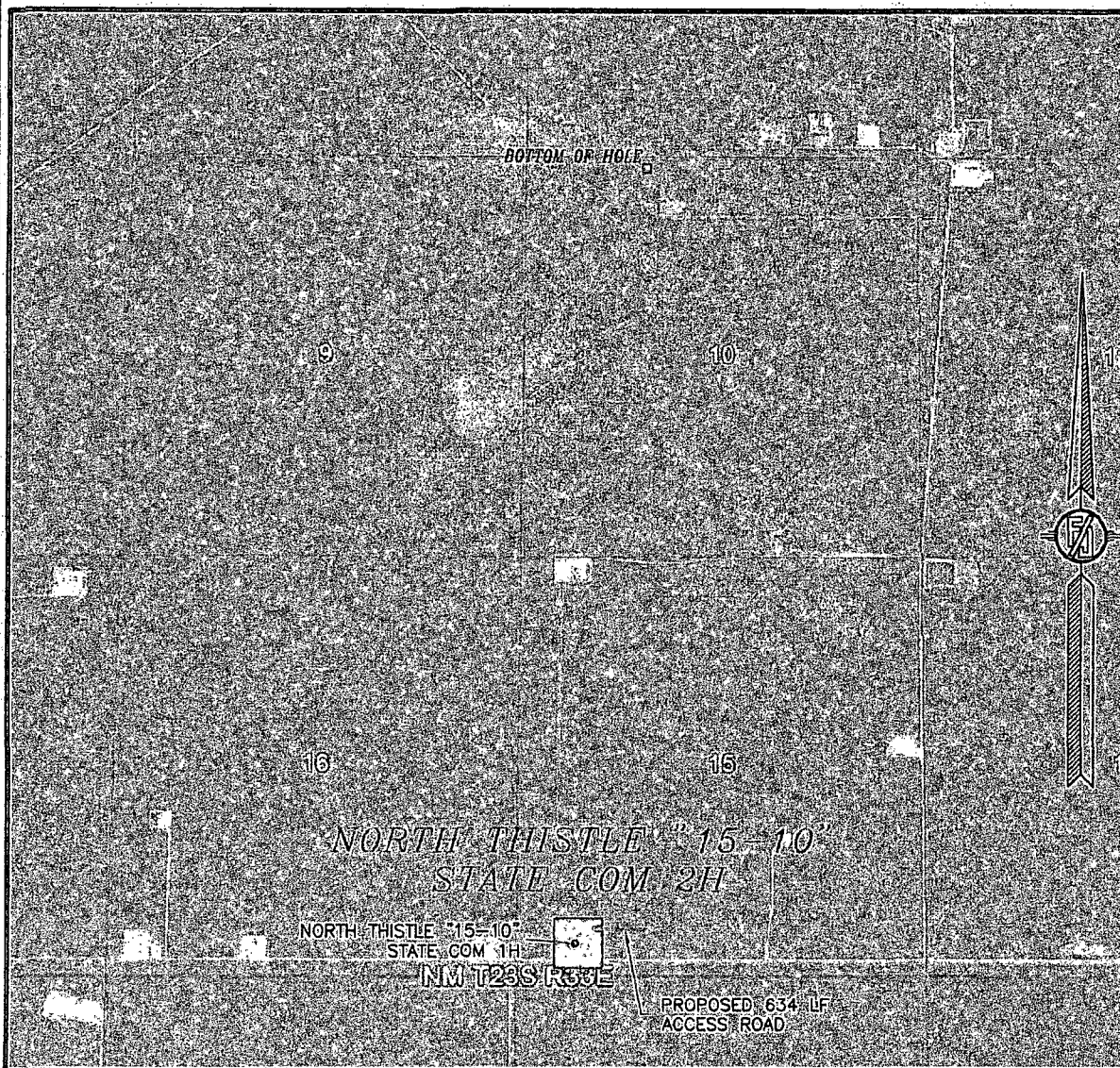
FROM THE INTERSECTION OF STATE HIGHWAY 128 AND CR 21
(DELAWARE BASIN ROAD) GO NORTH ON CR 21 APPROX. 6.1 MILES
TO A LEASE ROAD ON LEFT (WEST), TURN WEST GO APPROX. 3.1
MILES TO A LEASE ROAD ON RIGHT (NORTH), TURN NORTH GO 0.1
MILE TO ROAD LATH ON LEFT (WEST) FOLLOW ROAD LATHS WEST
APPROX. 634' TO THE NORTHEAST PAD CORNER FOR THIS LOCATION.

MAY 1, 2015

SURVEY NO. 3669A

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

SECTION 15, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
FEBRUARY 2014

DEVON ENERGY PRODUCTION COMPANY, L.P.
NORTH THISTLE "15-10" STATE COM 2H
LOCATED 415 FT. FROM THE SOUTH LINE
AND 810 FT. FROM THE WEST LINE OF
SECTION 15, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

MAY 1, 2015

SURVEY NO. 3669A

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

Devon Energy, North Thistle 15-10 State Com 2H

1. Geologic Formations

TVD of target	9,936'	Pilot hole depth	n/a
MD at TD:	19,038'	Deepest expected fresh water:	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/ Target Zone?	Hazards*
Rustler	1,304	Barren	
Top of Salt	1,550	Barren	
Lamar	5,230	Barren	
Cherry Canyon	6,285	Oil	
Brushy Canyon	7,775	Oil	
Lower Brushy	8,925	Oil	
1 st Bone Spring Lime	9,113	Oil	
Leonard Shale Upper	9,287	Oil	
Leonard Shale Middle	9,585	Oil	
Leonard Shale Lower	9,761	Oil	

*H2S, water flows, loss of circulation, abnormal pressures, etc.