

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Frances Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-43260	Pool Code 14270	Pool Name Crossroads; San Andres, East
Property Code 316116	Property Name ARNAGE 17 STATE COM	Well Number 002H
OGRID No. 310809	Operator Name NEMO FUND I, LLC	Elevation 3969'

Surface Location

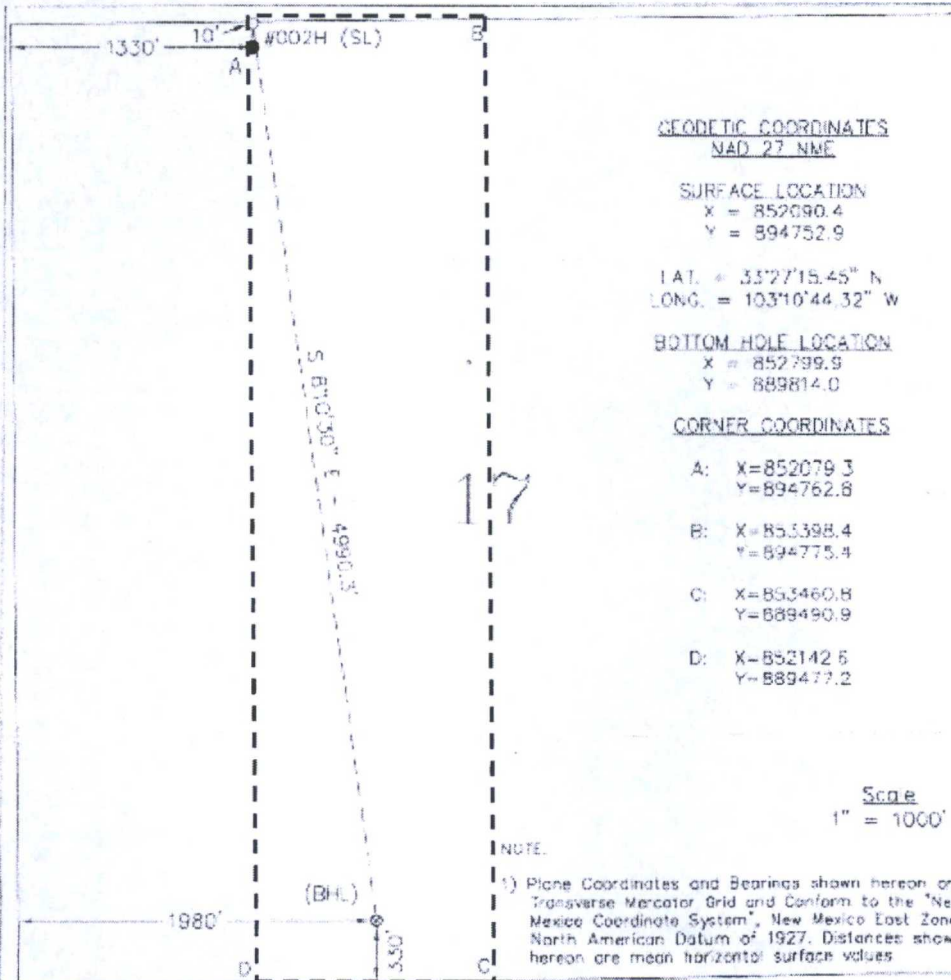
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	17	10 S	37 E		10	NORTH	1330	WEST	LEA

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	17	10 S	37 E		330	SOUTH	1980	WEST	LEA

Dedicated Acres 160	Joint or Infill N	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



GEODETIC COORDINATES
NAD 27 NME

SURFACE LOCATION
X = 852090.4
Y = 894752.9

LAT. = 35°27'15.45" N
LONG. = 103°10'44.32" W

BOTTOM HOLE LOCATION
X = 852799.9
Y = 889814.0

CORNER COORDINATES

A: X=852079.3
Y=894762.8

B: X=853388.4
Y=894775.4

C: X=853460.8
Y=889490.9

D: X=852142.6
Y=889477.2

Scale
1" = 1000'

OPERATOR CERTIFICATION

I hereby certify the information contained herein to be true and correct to the best of my knowledge and belief, and that this certification shall serve as a binding contract on the operator and shall be the basis for the proposed bottom hole location or for a valid and true well of the 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 hereafter entered by the division.

DJ Holcomb 5/16/16
Signature Date

Danny J. Holcomb
Printed Name
Agent for Nemo Fund I, LLC

SURVEYOR CERTIFICATION

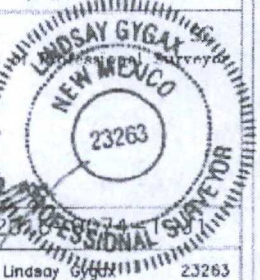
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

May 4, 2016

Date of Survey

Signature & Seal

Lindsay Gygax
W.D. Num. 201605074
Certificate No. Lindsay Gygax 23263

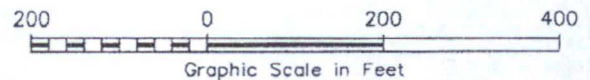
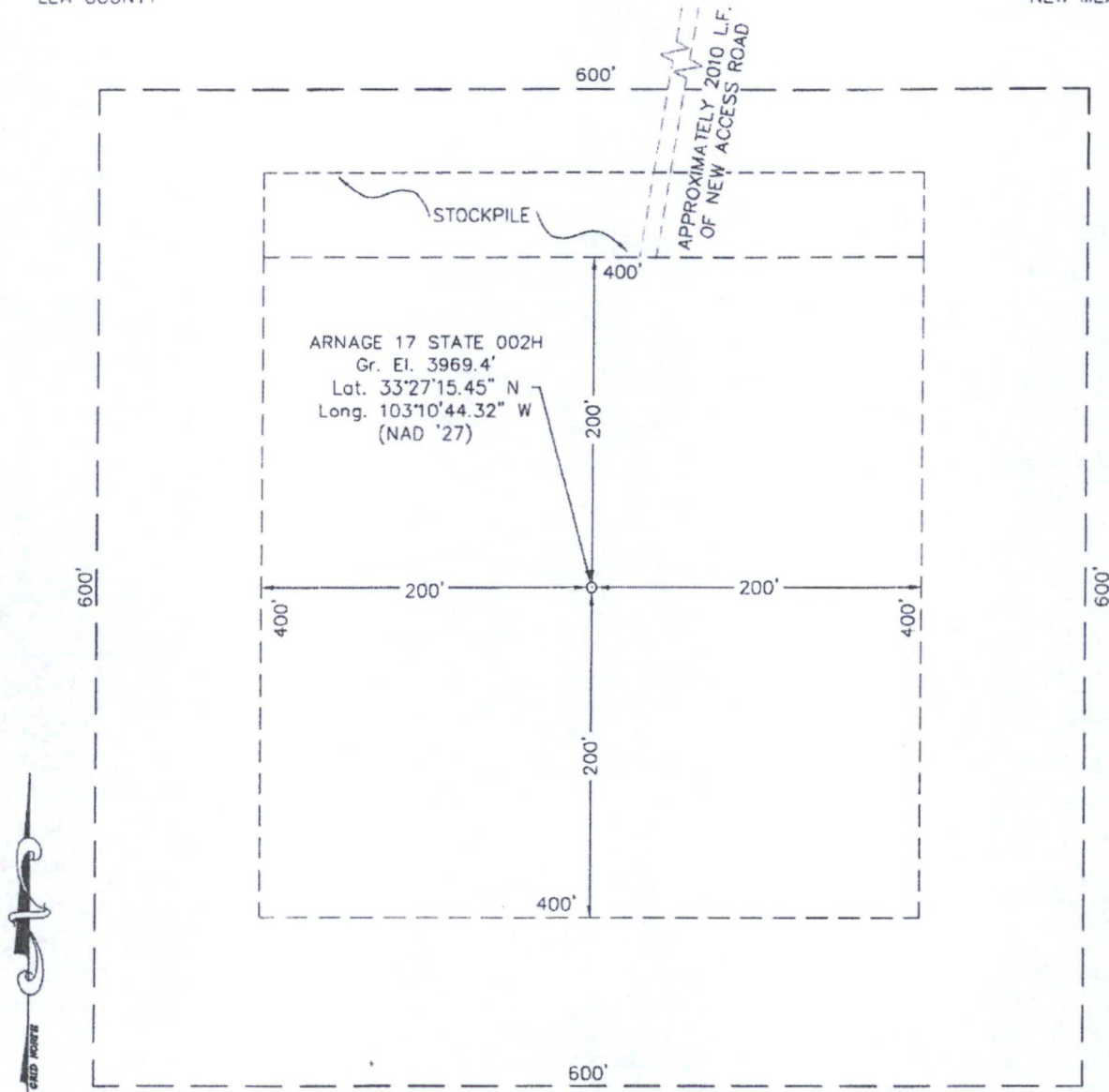


SECTION 17, TOWNSHIP 10 SOUTH, RANGE 37 EAST, N.M.P.M.

LEA COUNTY

NEW MEXICO

2016-0074-1-J2



DRIVING DIRECTIONS

FROM THE INTERSECTION OF STATE HIGHWAY 206 AND U.S. HIGHWAY 380 IN TATUM, NEW MEXICO, GO EAST ON U.S. HIGHWAY 380 4.0 MILES TO BLEDSOE HWY. / CO. RD. 125 ON NORTH (LEFT) SIDE OF THE HIGHWAY. THEN GO NORTH AND NORTHEAST 15.4 MILES TO A LEASE ROAD ON THE WEST (LEFT) SIDE OF THE ROAD, THEN GO NORTHWEST 0.20 MILE AND CONTINUE AROUND CURVE ON ROAD TO LEFT 1.20 MILES TO A POINT APPROXIMATELY 0.40 MILE NORTH OF THE PROPOSED LOCATION.

NEMO Fund I, LLC

ARNAGE 17 STATE 002H

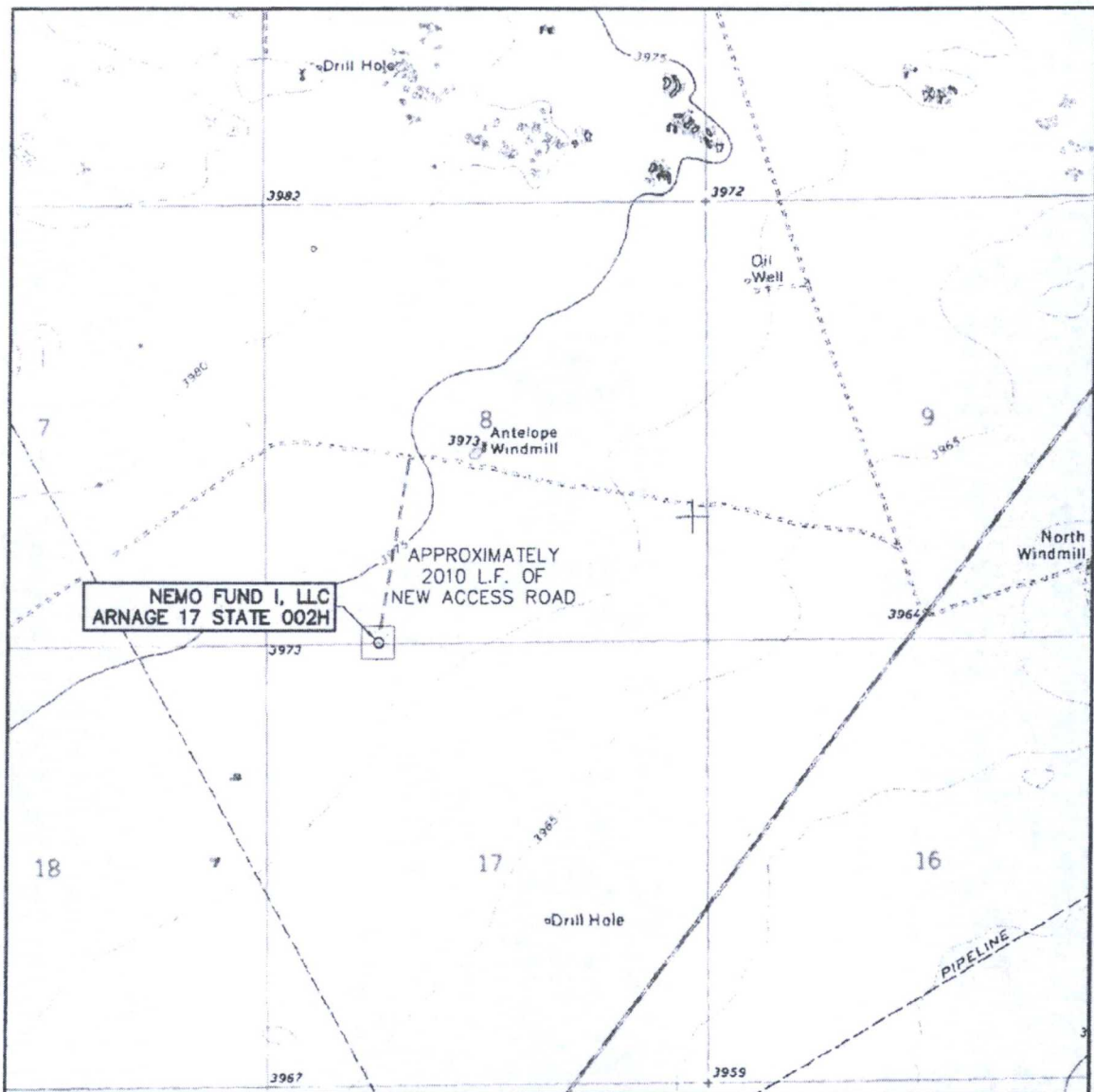
Located 10' FNL & 1330' FWL, Section 17
Township 10 South, Range 37 East, N.M.P.M.
Lea County, New Mexico



SURVEYORS - ENGINEERS - PLANNERS
FIRM REGISTRATION NUMBER: 100682-00
110 W. LOUISIANA AVE., SUITE 110
MIDLAND, TEXAS 79701
(432) 687-0865 - FAX (432) 687-0868

Drawn By: SC	Date: May 10, 2016
Scale: 1" = 200'	Field Book: 629/ 04-05
Revision Date:	Quadrangle: Lea
W.O. No: 2016-0074-1	Dwg. No.: 2016-0074-1-J2

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
LEA - 10'

SEC. 17 TWP. 10-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 10' FNL & 1330' FWL

ELEVATION 3969'

OPERATOR NEMO FUND I, LLC

LEASE ARNAGE 17 STATE

U.S.G.S. TOPOGRAPHIC MAP
LEA



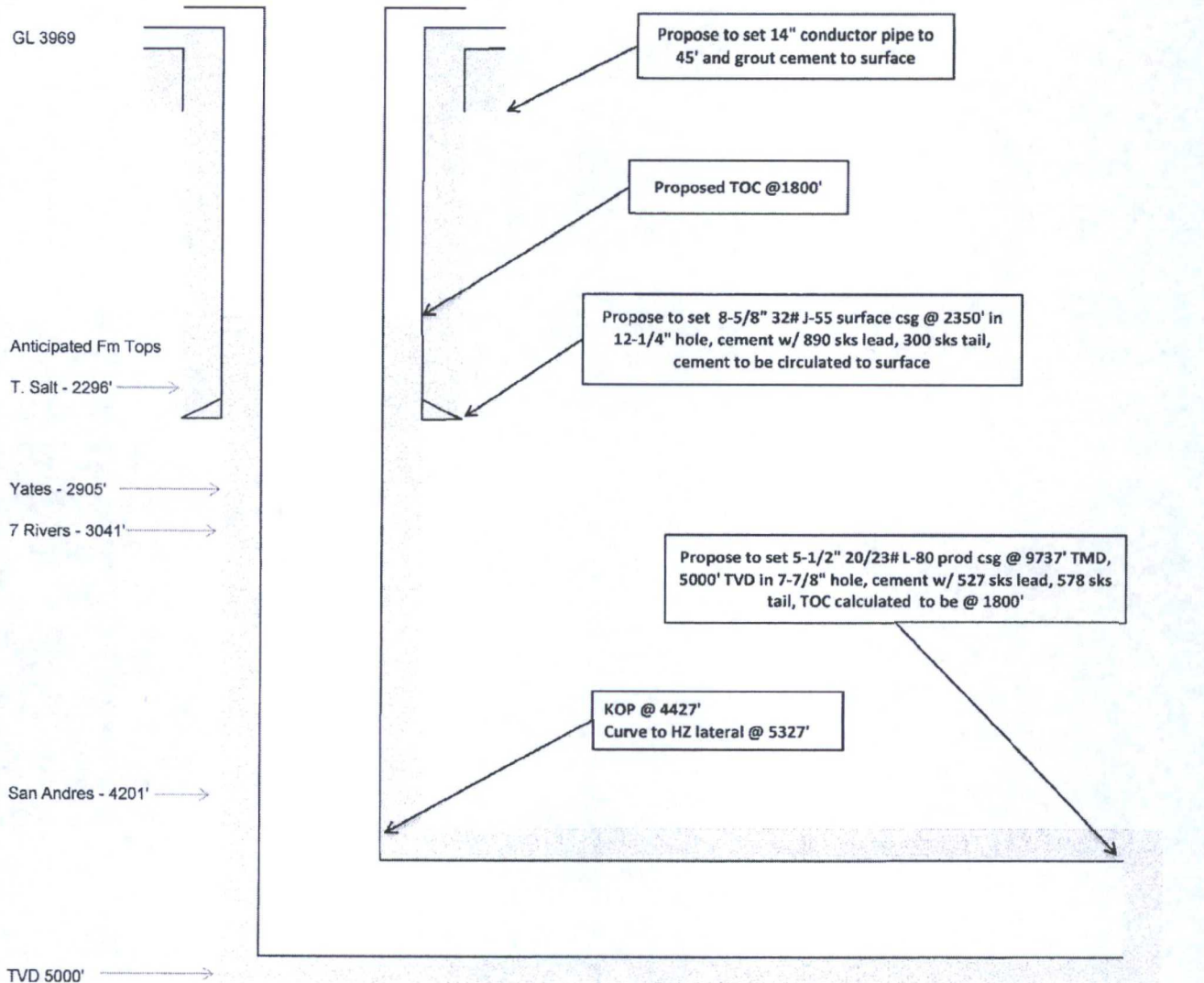
WEST COMPANY
Land Surveyors • Civil Engineers

SURVEYORS - ENGINEERS - PLANNERS
FIRM REGISTRATION NUMBER: 100682-00
110 W. LOUISIANA AVE., SUITE 110
MIDLAND, TEXAS 79701
(432) 687-0885 - FAX (432) 687-0868

PROPOSED WELLBORE DIAGRAM

Nemo Fund I, LLC
Acreage 17 State #2H
API # 30-025-TBD

SL - 10' FNL x 1330' FWL, UL 'C' Sec 17, T10S, R37E, Lea County, NM
BHL - 330' FSL x 1980' FWL, UL 'N' Sec 17, T10S, R37E, Lea County, NM



Drawing Not to Scale

Proposed

COPYRIGHT 1990 MITCHELL ENGINEERING, PO BOX 1492, GOLDEN, CO, 80402, USA (303) 273 3744

LONG's METHOD OF SURVEY COMPUTATION

OBLIQUE CIRCULAR ARC INTERPOLATION

6000	MD OF INTERPOLATION DEPTH,(feet)
4999.96	TVD COORDINATE OF THE DEPTH (feet)
-1235.01	N/S COORDINATE OF DEPTH (feet)
164.79	E/W COORDINATE OF DEPTH (feet)

DISTANCE TABLE

STATION A	STATION B
400.00	600.00
300.00	400.00
100.00	300.00
300.00	ft

3 D DISTANCE BETWEEN STATION A AND STATION B

TABLE OF SURVEY STATIONS

Calculator =

STA #	ΔMD ft	INCL deg	AZIM deg	MD ft	TVD ft	N+/S- ft	E+/W- ft	DLS deg/100FT
1	TIE POINT =>	0	0	4427.00	4427.00	0.00	0.00	-
2	100	10	172.4	4527.00	4526.49	-8.63	1.15	10.00
3	100	20	172.4	4627.00	4622.96	-34.25	4.57	10.00
4	100	30	172.4	4727.00	4713.48	-76.09	10.15	10.00
5	100	40	172.4	4827.00	4795.29	-132.87	17.73	10.00
6	100	50	172.4	4927.00	4865.91	-202.87	27.07	10.00
7	100	60	172.4	5027.00	4923.20	-283.96	37.89	10.00
8	100	70	172.4	5127.00	4965.40	-373.68	49.86	10.00
9	100	80	172.4	5227.00	4991.25	-469.31	62.62	10.00
10	100	90	172.4	5327.00	4999.96	-567.92	75.78	10.00
11	100	90	172.4	5427.00	4999.96	-667.05	89.00	0.00
12	100	90	172.4	5527.00	4999.96	-766.17	102.23	0.00
13	100	90	172.4	5627.00	4999.96	-865.29	115.45	0.00
14	100	90	172.4	5727.00	4999.96	-964.41	128.68	0.00
15	100	90	172.4	5827.00	4999.96	-1063.53	141.91	0.00
16	100	90	172.4	5927.00	4999.96	-1162.65	155.13	0.00
17	100	90	172.4	6027.00	4999.96	-1261.78	168.36	0.00
18	100	90	172.4	6127.00	4999.96	-1360.90	181.58	0.00
19	100	90	172.4	6227.00	4999.96	-1460.02	194.81	0.00
20	100	90	172.4	6327.00	4999.96	-1559.14	208.03	0.00
21	100	90	172.4	6427.00	4999.96	-1658.26	221.26	0.00
22	100	90	172.4	6527.00	4999.96	-1757.38	234.48	0.00
23	100	90	172.4	6627.00	4999.96	-1856.50	247.71	0.00
24	100	90	172.4	6727.00	4999.96	-1955.63	260.94	0.00
25	100	90	172.4	6827.00	4999.96	-2054.75	274.16	0.00
26	100	90	172.4	6927.00	4999.96	-2153.87	287.39	0.00
27	100	90	172.4	7027.00	4999.96	-2252.99	300.61	0.00
28	100	90	172.4	7127.00	4999.96	-2352.11	313.84	0.00
29	100	90	172.4	7227.00	4999.96	-2451.23	327.06	0.00
30	100	90	172.4	7327.00	4999.96	-2550.36	340.29	0.00
31	100	90	172.4	7427.00	4999.96	-2649.48	353.52	0.00
32	100	90	172.4	7527.00	4999.96	-2748.60	366.74	0.00
33	100	90	172.4	7627.00	4999.96	-2847.72	379.97	0.00
34	100	90	172.4	7727.00	4999.96	-2946.84	393.19	0.00
35	100	90	172.4	7827.00	4999.96	-3045.96	406.42	0.00
36	100	90	172.4	7927.00	4999.96	-3145.09	419.64	0.00
37	100	90	172.4	8027.00	4999.96	-3244.21	432.87	0.00
38	100	90	172.4	8127.00	4999.96	-3343.33	446.10	0.00

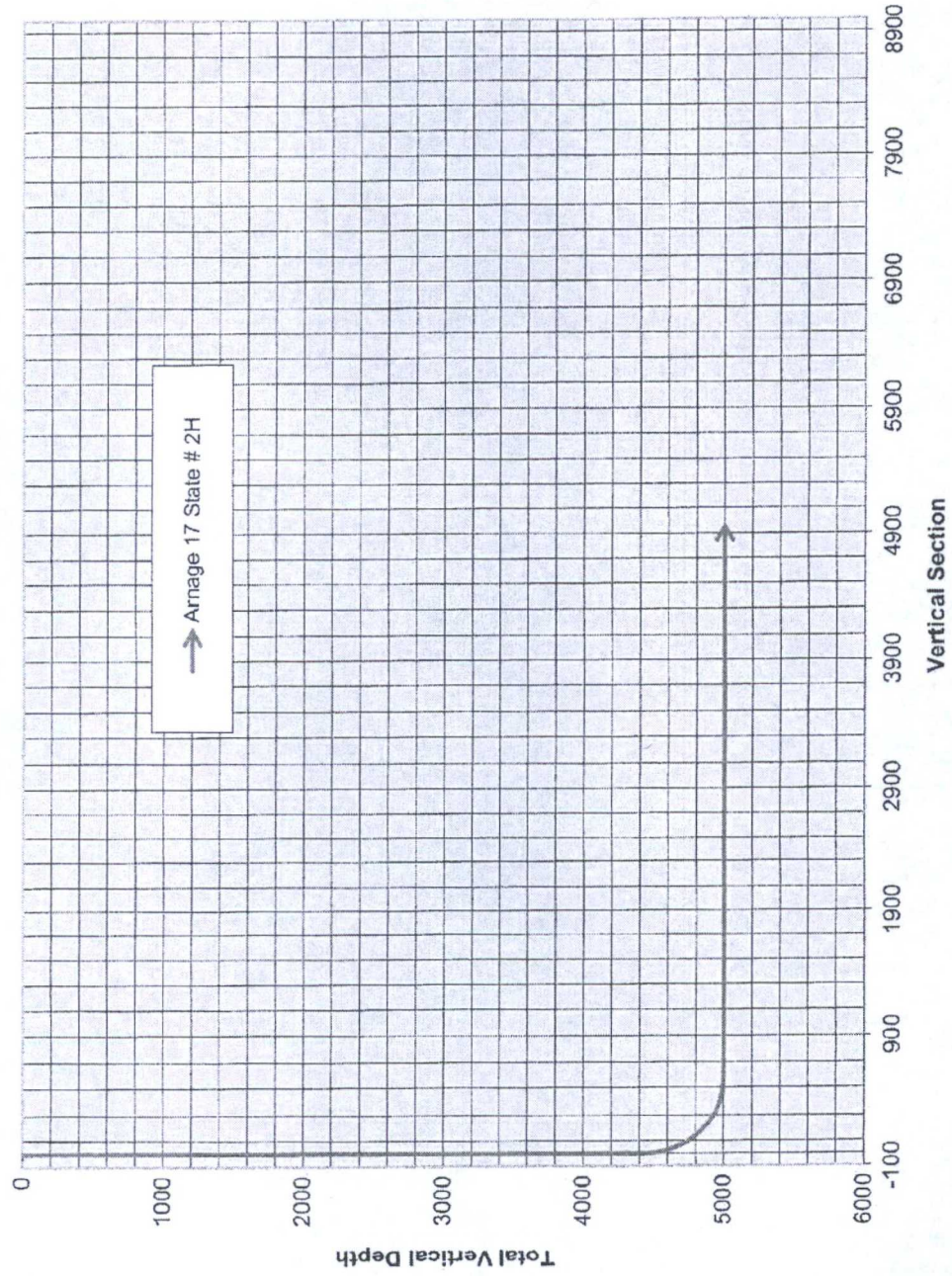
Arnage 17 State #2H_ San Andres
Nemo Fund I, LLC

Proposed

39	100	90	172.4	8227.00	4999.96	-3442.45	459.32	0.00
40	100	90	172.4	8327.00	4999.96	-3541.57	472.55	0.00
41	100	90	172.4	8427.00	4999.96	-3640.69	485.77	0.00
42	100	90	172.4	8527.00	4999.96	-3739.81	499.00	0.00
43	100	90	172.4	8627.00	4999.96	-3838.94	512.22	0.00
44	100	90	172.4	8727.00	4999.96	-3938.06	525.45	0.00
45	100	90	172.4	8827.00	4999.96	-4037.18	538.67	0.00
46	100	90	172.4	8927.00	4999.96	-4136.30	551.90	0.00
47	100	90	172.4	9027.00	4999.96	-4235.42	565.13	0.00
48	100	90	172.4	9127.00	4999.96	-4334.54	578.35	0.00
49	100	90	172.4	9227.00	4999.96	-4433.67	591.58	0.00
50	100	90	172.4	9327.00	4999.96	-4532.79	604.80	0.00
51	100	90	172.4	9427.00	4999.96	-4631.91	618.03	0.00
52	100	90	172.4	9527.00	4999.96	-4731.03	631.25	0.00
53	100	90	172.4	9627.00	4999.96	-4830.15	644.48	0.00
54	100	90	172.4	9727.00	4999.96	-4929.27	657.71	0.00
55	10	90	172.4	9737.00	4999.96	-4939.19	659.03	0.00
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Proposed

San Andres



Proposed

Horizontal Plane Footage +East/-West

