

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: (505) 748-1283 Fax: (505) 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 and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

☒ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Nemo Fund I, LLC 901 West Missouri, Suite 911 Midland, TX 79701		² OGRID Number 310809
		³ API Number 30-025-43498
⁴ Property Code 317158	⁵ Property Name Larry San Andres Unit 18	⁶ Well No. 103H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
P	18	10 S	37 E		10	South	1310	East	Lea

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
B	18	10 S	37 E		330	North	1980	East	Lea

9. Pool Information

Pool Name Crossroads; San Andres, East	Pool Code 14270
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Additional Well Information

¹¹ Work Type New	¹² Well Type Oil	¹³ Cable/Rotary R	¹⁴ Lease Type P	¹⁵ Ground Level Elevation 3967
¹⁶ Multiple N	¹⁷ Proposed Depth 9882 TMD	¹⁸ Formation San Andres	¹⁹ Contractor Capstar	²⁰ Spud Date Est 2/1/17
Depth to Ground water > 70 feet		Distance from nearest fresh water well ~3226'		Distance to nearest surface water ~3140'

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12-1/4"	9-5/8"	36	2350	1135	Surface
Prod	8-3/4"	5-1/2"	23	9882	1940	Surface

Casing/Cement Program: Additional Comments

Drill 8-3/4" prod hole to 4450±', KOP 4451', drill curve 4451'-5351' MD, 5024' TVD, drill lateral 9882' MD, 5024' TVD. 5-1/2" prod casing to be set at 9882' MD, 5024' TVD. See attached amended wellbore diagram and directional plan.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	NOV (National)

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.

Signature:

DJ Holcomb

Printed name: Danny J. Holcomb

Title: Agent for Nemo Fund I, LLC

E-mail Address: danny@pwlcc.net

Date: 1/11/2017

Phone: 806-471-5628

OIL CONSERVATION DIVISION

Approved By:

[Signature]

Title:

Petroleum Engineer

Approved Date:

01/26/17

Expiration Date:

01/26/19

Conditions of Approval Attached

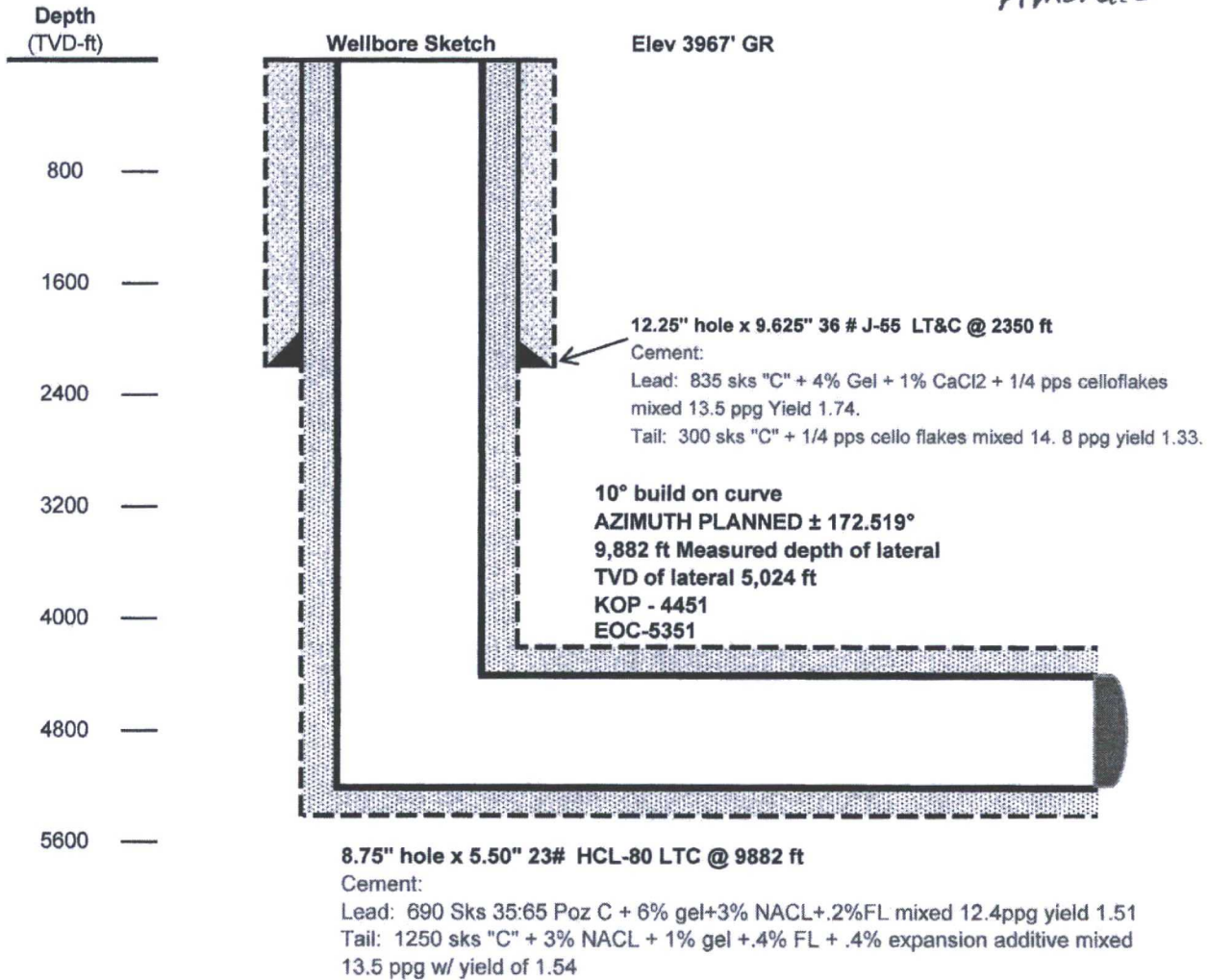
NEMO Fund I, LLC
Larry San Andres Unit 18 #103H

Location: 10 FSL & 1310 FEL, Section 18_T10S_R37E_Lea County, NM

BHL: 330 FNL & 1980 FEL, Sec 18_T10S_R37E_Lea County, NM

API # 30-025-43498

"Amended"



"Amended"

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LONG's METHOD OF SURVEY COMPUTATION

OBLIQUE CIRCULAR ARC INTERPOLATION

5040	MD OF INTERPOLATION DEPTH,(feet)
4941.56	TVD COORDINATE OF THE DEPTH (feet)
156.42	N/S COORDINATE OF DEPTH (feet)
-221.56	E/W COORDINATE OF DEPTH (feet)

3 D DISTANCE BETWEEN STATION A AND STATION B

DISTANCE TABLE

STATION A	STATION B
4200.00	5040.00
0.00	650.00
0.00	650.00
1245.23	ft

TABLE OF SURVEY STATIONS

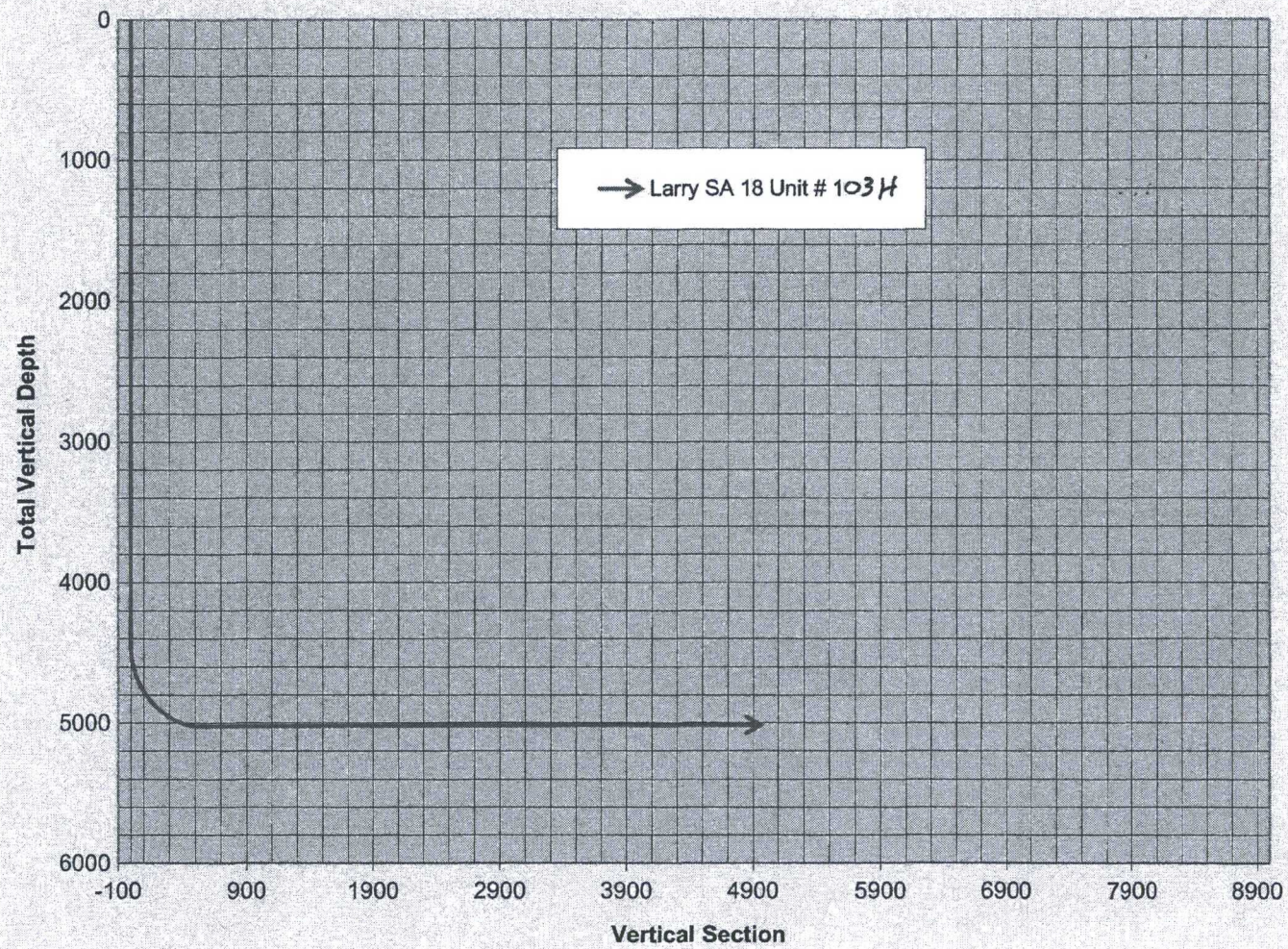
Calculator =

STA #	ΔMD ft	INCL deg	AZIM deg	MD ft	TVD ft	N+S- ft	E+W- ft	DLS deg/100FT
1	TIE POINT =>	0	270	4451.00	4451.00	0.00	0.00	-
2	100	10	279	4551.00	4550.49	1.36	-8.60	10.00
3	100	20	288	4651.00	4646.97	8.02	-33.50	10.24
4	100	30	297	4751.00	4737.52	24.70	-72.15	10.67
5	100	40	306	4851.00	4819.39	55.04	-120.59	11.23
6	100	50	315	4951.00	4890.08	101.18	-173.86	11.83
7	100	60	324	5051.00	4947.45	163.54	-226.60	12.41
8	100	70	333	5151.00	4989.73	240.76	-273.58	12.89
9	100	80	342	5251.00	5015.62	329.85	-310.29	13.24
10	100	90	351	5351.00	5024.35	426.51	-333.44	13.42
11	100	90.1243	355.8	5451.00	5024.24	525.82	-344.93	4.80
12	100	90.1243	355.8	5551.00	5024.02	625.55	-352.25	0.00
13	100	90.1243	355.8	5651.00	5023.80	725.28	-359.58	0.00
14	100	90.1243	355.8	5751.00	5023.59	825.01	-366.90	0.00
15	100	90.1243	355.8	5851.00	5023.37	924.74	-374.22	0.00
16	100	90.1243	355.8	5951.00	5023.15	1024.47	-381.55	0.00
17	100	90.1243	355.8	6051.00	5022.94	1124.21	-388.87	0.00
18	100	90.1243	355.8	6151.00	5022.72	1223.94	-396.19	0.00
19	100	90.1243	355.8	6251.00	5022.50	1323.67	-403.52	0.00
20	100	90.1243	355.8	6351.00	5022.29	1423.40	-410.84	0.00
21	100	90.1243	355.8	6451.00	5022.07	1523.13	-418.17	0.00
22	100	90.1243	355.8	6551.00	5021.85	1622.86	-425.49	0.00
23	100	90.1243	355.8	6651.00	5021.63	1722.59	-432.81	0.00
24	100	90.1243	355.8	6751.00	5021.42	1822.32	-440.14	0.00
25	100	90.1243	355.8	6851.00	5021.20	1922.06	-447.46	0.00
26	100	90.1243	355.8	6951.00	5020.98	2021.79	-454.78	0.00
27	100	90.1243	355.8	7051.00	5020.77	2121.52	-462.11	0.00
28	100	90.1243	355.8	7151.00	5020.55	2221.25	-469.43	0.00
29	100	90.1243	355.8	7251.00	5020.33	2320.98	-476.76	0.00
30	100	90.1243	355.8	7351.00	5020.12	2420.71	-484.08	0.00
31	100	90.1243	355.8	7451.00	5019.90	2520.44	-491.40	0.00
32	100	90.1243	355.8	7551.00	5019.68	2620.17	-498.73	0.00
33	100	90.1243	355.8	7651.00	5019.46	2719.91	-506.05	0.00
34	100	90.1243	355.8	7751.00	5019.25	2819.64	-513.38	0.00
35	100	90.1243	355.8	7851.00	5019.03	2919.37	-520.70	0.00
36	100	90.1243	355.8	7951.00	5018.81	3019.10	-528.02	0.00
37	100	90.1243	355.8	8051.00	5018.60	3118.83	-535.35	0.00
38	100	90.1243	355.8	8151.00	5018.38	3218.56	-542.67	0.00
39	100	90.1243	355.8	8251.00	5018.16	3318.29	-549.99	0.00
40	100	90.1243	355.8	8351.00	5017.95	3418.02	-557.32	0.00
41	100	90.1243	355.8	8451.00	5017.73	3517.75	-564.64	0.00

Larry 18 SA Unit 103H
Nemo Fund I, LLC

42	100	90.1243	355.8	8551.00	5017.51	3617.49	-571.97	0.00
43	100	90.1243	355.8	8651.00	5017.30	3717.22	-579.29	0.00
44	100	90.1243	355.8	8751.00	5017.08	3816.95	-586.61	0.00
45	100	90.1243	355.8	8851.00	5016.86	3916.68	-593.94	0.00
46	100	90.1243	355.8	8951.00	5016.64	4016.41	-601.26	0.00
47	100	90.1243	355.8	9051.00	5016.43	4116.14	-608.58	0.00
48	100	90.1243	355.8	9151.00	5016.21	4215.87	-615.91	0.00
49	100	90.1243	355.8	9251.00	5015.99	4315.60	-623.23	0.00
50	100	90.1243	355.8	9351.00	5015.78	4415.34	-630.56	0.00
51	100	90.1243	355.8	9451.00	5015.56	4515.07	-637.88	0.00
52	100	90.1243	355.8	9551.00	5015.34	4614.80	-645.20	0.00
53	100	90.1243	355.8	9651.00	5015.13	4714.53	-652.53	0.00
54	100	90.1243	355.8	9751.00	5014.91	4814.26	-659.85	0.00
55	100	90.1243	355.8	9851.00	5014.69	4913.99	-667.17	0.00
56	31	90.1243	355.8	9882.00	5014.62	4944.91	-669.45	0.00
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San Andres Larry Unit



Horizontal Plane Footage +East/-West

