

Submit a Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-51410
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator Occidental Permian LTD		6. State Oil & Gas Lease No. 19520
3. Address of Operator P.O. Box 4294 Houston, TX 77210-4294		7. Lease Name or Unit Agreement Name North Hobbs G/SA Unit
4. Well Location Unit Letter M : 1088 feet from the SOUTH line and 793 feet from the WEST line Section 28 Township 18S Range 38E NMPM County LEA		8. Well Number 985
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3644' (GL)		9. OGRID Number 157984
		10. Pool name or Wildcat HOBBS; GRAYBURG-SAN ANDRES

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Occidental Permian LTD respectfully requests to amend the subject well APD to update the following:

- Bottom Hole Location: Change from and 315' FSL X 2613' FEL to 321' FSL X 2418' FEL. Attached is an updated C102 plat reflecting the update.

- Proposed Depth MD/TVD: Change from 5265' MD/4700' TVD to 5368' MD/4699' TVD. Attached is an updated directional plan/plot reflecting the update.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Roni Mathew TITLE Regulatory Advisor DATE 06/22/2023

Type or print name Roni Mathew E-mail address: roni_mathew@oxy.com PHONE: (713) 215-7827

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
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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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-51410	Pool Code 31920	Pool Name HOBBS; GRAYBURG-SAN ANDRES
Property Code 19520	Property Name NORTH HOBBS G/SA UNIT	Well Number 985
OGRID No. 157984	Operator Name OCCIDENTAL PERMIAN LTD.	Elevation 3644.4'

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	28	18 SOUTH	38 EAST, N.M.P.M.		1088'	SOUTH	793'	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
O	28	18 SOUTH	38 EAST, N.M.P.M.		321'	SOUTH	2418'	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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.

				OPERATOR CERTIFICATION 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. <u>Roni Mathew</u> 6/21/2023 Signature Date Roni Mathew Printed Name roni_mathew@oxy.com E-mail Address	
				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. <u>MARCH 13, 2023</u> Date of Survey Signature and Seal of Professional Surveyor: <u>Terry J. Alar</u> 4/13/2023 Certificate Number 15079	

WO# 230313WL-b (Rev. A) (KA)

OXY USA PERMIAN EOR

**Lea County, NM
North Hobbs Unit
NHU 28-985**

OH

Plan: Plan #1

Standard Planning Report

09 June, 2023

Planning Report

Database:	EDM 5000 Multi User Db	Local Co-ordinate Reference:	Well NHU 28-985
Company:	OXY USA PERMIAN EOR	TVD Reference:	3644+17.5 @ 3661.50usft (Ensign T446)
Project:	Lea County, NM	MD Reference:	3644+17.5 @ 3661.50usft (Ensign T446)
Site:	North Hobbs Unit	North Reference:	Grid
Well:	NHU 28-985	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Project	Lea County, NM		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	North Hobbs Unit			
Site Position:		Northing:	625,468.93 usft	Latitude: 32.714011
From:	Map	Easting:	861,203.74 usft	Longitude: -103.158983
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	

Well	NHU 28-985			
Well Position	+N/-S	0.00 usft	Northing:	625,468.93 usft
	+E/-W	0.00 usft	Easting:	861,203.74 usft
Position Uncertainty		3.28 usft	Wellhead Elevation:	usft
Grid Convergence:		0.63 °	Ground Level:	3,644.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	4/10/2023	6.35	60.54	47,640.94981759

Design	Plan #1				
Audit Notes:					
Version:		Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	109.44	

Plan Survey Tool Program	Date	6/8/2023			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	5,369.63 Plan #1 (OH)	B001Mb_MWD+HRGM		
			OWSG MWD + HRGM		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
750.00	0.00	0.00	750.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,576.75	36.54	112.50	2,455.45	-215.43	520.10	2.00	2.00	0.00	112.50	
3,316.71	36.54	112.50	3,050.00	-384.01	927.07	0.00	0.00	0.00	0.00	
3,489.70	36.53	106.69	3,189.04	-418.51	1,024.00	2.00	0.00	-3.36	-92.37	
5,370.14	36.53	106.69	4,700.00	-739.92	2,096.26	0.00	0.00	0.00	0.00	NHU 28-985 PBHL/N

Planning Report

Database:	EDM 5000 Multi User Db	Local Co-ordinate Reference:	Well NHU 28-985
Company:	OXY USA PERMIAN EOR	TVD Reference:	3644+17.5 @ 3661.50usft (Ensign T446)
Project:	Lea County, NM	MD Reference:	3644+17.5 @ 3661.50usft (Ensign T446)
Site:	North Hobbs Unit	North Reference:	Grid
Well:	NHU 28-985	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
750.00	0.00	0.00	750.00	0.00	0.00	0.00	0.00	0.00	0.00
Start DLS 2.00 TFO 109.44									
800.00	1.00	112.50	800.00	-0.17	0.40	0.44	2.00	2.00	0.00
900.00	3.00	112.50	899.93	-1.50	3.63	3.92	2.00	2.00	0.00
1,000.00	5.00	112.50	999.68	-4.17	10.07	10.89	2.00	2.00	0.00
1,100.00	7.00	112.50	1,099.13	-8.17	19.73	21.32	2.00	2.00	0.00
1,200.00	9.00	112.50	1,198.15	-13.50	32.59	35.22	2.00	2.00	0.00
1,300.00	11.00	112.50	1,296.63	-20.14	48.63	52.56	2.00	2.00	0.00
1,400.00	13.00	112.50	1,394.44	-28.10	67.84	73.32	2.00	2.00	0.00
1,500.00	15.00	112.50	1,491.46	-37.36	90.18	97.48	2.00	2.00	0.00
1,600.00	17.00	112.50	1,587.58	-47.90	115.65	125.00	2.00	2.00	0.00
1,700.00	19.00	112.50	1,682.68	-59.73	144.20	155.86	2.00	2.00	0.00
1,800.00	21.00	112.50	1,776.65	-72.82	175.79	190.01	2.00	2.00	0.00
1,900.00	23.00	112.50	1,869.36	-87.15	210.40	227.41	2.00	2.00	0.00
2,000.00	25.00	112.50	1,960.71	-102.72	247.98	268.03	2.00	2.00	0.00
2,100.00	27.00	112.50	2,050.59	-119.49	288.48	311.80	2.00	2.00	0.00
2,200.00	29.00	112.50	2,138.88	-137.46	331.85	358.68	2.00	2.00	0.00
2,300.00	31.00	112.50	2,225.48	-156.59	378.04	408.60	2.00	2.00	0.00
2,400.00	33.00	112.50	2,310.28	-176.87	426.99	461.52	2.00	2.00	0.00
2,500.00	35.00	112.50	2,393.18	-198.26	478.65	517.35	2.00	2.00	0.00
2,574.32	36.49	112.50	2,453.50	-214.88	518.76	560.71	2.00	2.00	0.00
Start 2794.17 hold at 2574.32 MD									
2,576.75	36.54	112.50	2,455.45	-215.43	520.10	562.15	2.00	2.00	0.00
2,600.00	36.54	112.50	2,474.13	-220.73	532.89	575.97	0.00	0.00	0.00
2,700.00	36.54	112.50	2,554.48	-243.51	587.89	635.42	0.00	0.00	0.00
2,800.00	36.54	112.50	2,634.83	-266.29	642.89	694.86	0.00	0.00	0.00
2,900.00	36.54	112.50	2,715.18	-289.07	697.88	754.31	0.00	0.00	0.00
3,000.00	36.54	112.50	2,795.53	-311.86	752.88	813.76	0.00	0.00	0.00
3,100.00	36.54	112.50	2,875.88	-334.64	807.88	873.20	0.00	0.00	0.00
3,200.00	36.54	112.50	2,956.23	-357.42	862.88	932.65	0.00	0.00	0.00
3,300.00	36.54	112.50	3,036.57	-380.20	917.88	992.10	0.00	0.00	0.00
3,316.71	36.54	112.50	3,050.00	-384.01	927.07	1,002.03	0.00	0.00	0.00
3,400.00	36.50	109.70	3,116.94	-401.85	973.30	1,051.56	2.00	-0.04	-3.36
3,489.70	36.53	106.69	3,189.04	-418.51	1,024.00	1,104.91	2.00	0.04	-3.36
3,500.00	36.53	106.69	3,197.32	-420.27	1,029.87	1,111.03	0.00	0.00	0.00
3,600.00	36.53	106.69	3,277.67	-437.36	1,086.89	1,170.49	0.00	0.00	0.00
3,700.00	36.53	106.69	3,358.02	-454.45	1,143.91	1,229.95	0.00	0.00	0.00
3,800.00	36.53	106.69	3,438.37	-471.55	1,200.94	1,289.41	0.00	0.00	0.00
3,900.00	36.53	106.69	3,518.72	-488.64	1,257.96	1,348.87	0.00	0.00	0.00
4,000.00	36.53	106.69	3,599.08	-505.73	1,314.98	1,408.33	0.00	0.00	0.00
4,100.00	36.53	106.69	3,679.43	-522.82	1,372.00	1,467.79	0.00	0.00	0.00
4,200.00	36.53	106.69	3,759.78	-539.92	1,429.02	1,527.25	0.00	0.00	0.00
4,300.00	36.53	106.69	3,840.13	-557.01	1,486.04	1,586.71	0.00	0.00	0.00
4,400.00	36.53	106.69	3,920.48	-574.10	1,543.07	1,646.17	0.00	0.00	0.00
4,500.00	36.53	106.69	4,000.83	-591.19	1,600.09	1,705.63	0.00	0.00	0.00

Planning Report

Database:	EDM 5000 Multi User Db	Local Co-ordinate Reference:	Well NHU 28-985
Company:	OXY USA PERMIAN EOR	TVD Reference:	3644+17.5 @ 3661.50usft (Ensign T446)
Project:	Lea County, NM	MD Reference:	3644+17.5 @ 3661.50usft (Ensign T446)
Site:	North Hobbs Unit	North Reference:	Grid
Well:	NHU 28-985	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,600.00	36.53	106.69	4,081.18	-608.29	1,657.11	1,765.09	0.00	0.00	0.00
4,700.00	36.53	106.69	4,161.54	-625.38	1,714.13	1,824.55	0.00	0.00	0.00
4,800.00	36.53	106.69	4,241.89	-642.47	1,771.15	1,884.01	0.00	0.00	0.00
4,900.00	36.53	106.69	4,322.24	-659.56	1,828.18	1,943.47	0.00	0.00	0.00
5,000.00	36.53	106.69	4,402.59	-676.66	1,885.20	2,002.93	0.00	0.00	0.00
5,100.00	36.53	106.69	4,482.94	-693.75	1,942.22	2,062.39	0.00	0.00	0.00
5,200.00	36.53	106.69	4,563.29	-710.84	1,999.24	2,121.85	0.00	0.00	0.00
5,300.00	36.53	106.69	4,643.64	-727.94	2,056.26	2,181.31	0.00	0.00	0.00
5,368.49	36.53	106.69	4,698.68	-739.64	2,095.32	2,222.03	0.00	0.00	0.00
TD at 5368.49									
5,370.14	36.53	106.69	4,700.00	-739.92	2,096.26	2,223.01	0.00	0.00	0.00

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
NHU 28-985 SHL	0.00	0.00	0.00	0.00	0.00	625,468.93	861,203.74	32.714011	-103.158983
- plan hits target center									
- Point									
NHU 28-985 PBHL/Old	0.00	0.00	4,700.00	-748.92	1,901.26	624,720.00	863,105.00	32.711895	-103.152830
- plan misses target center by 161.50usft at 5260.48usft MD (4611.89 TVD, -721.18 N, 2033.73 E)									
- Circle (radius 0.00)									
NHU 28-985 PBHL/New	0.00	0.00	4,700.00	-739.92	2,096.26	624,729.00	863,300.00	32.711914	-103.152196
- plan hits target center									
- Point									

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
750.00	750.00	0.00	0.00	Start DLS 2.00 TFO 109.44
2,574.32	2,453.50	-214.88	518.76	Start 2794.17 hold at 2574.32 MD
5,368.49	4,698.68	-739.64	2,095.32	TD at 5368.49

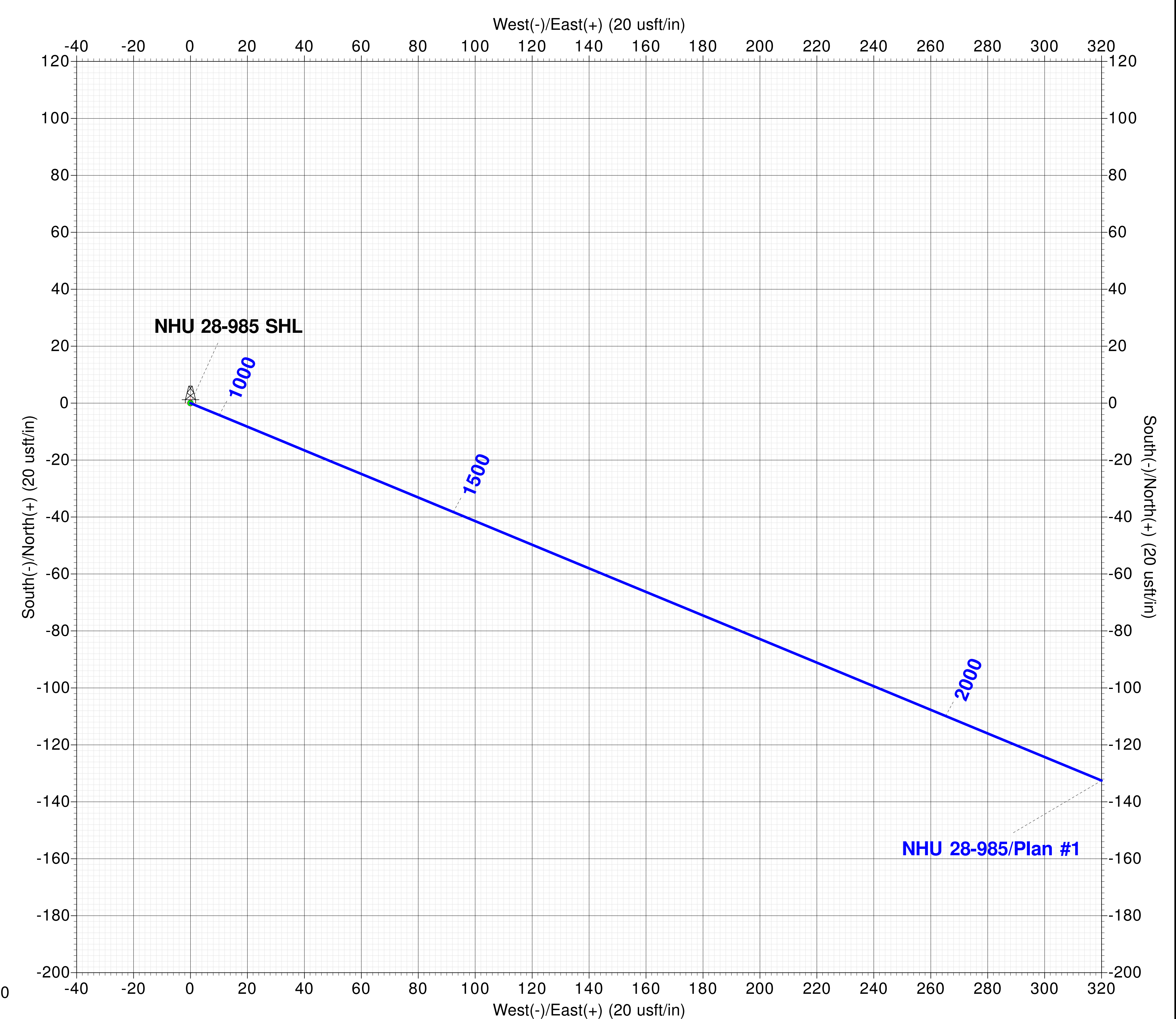
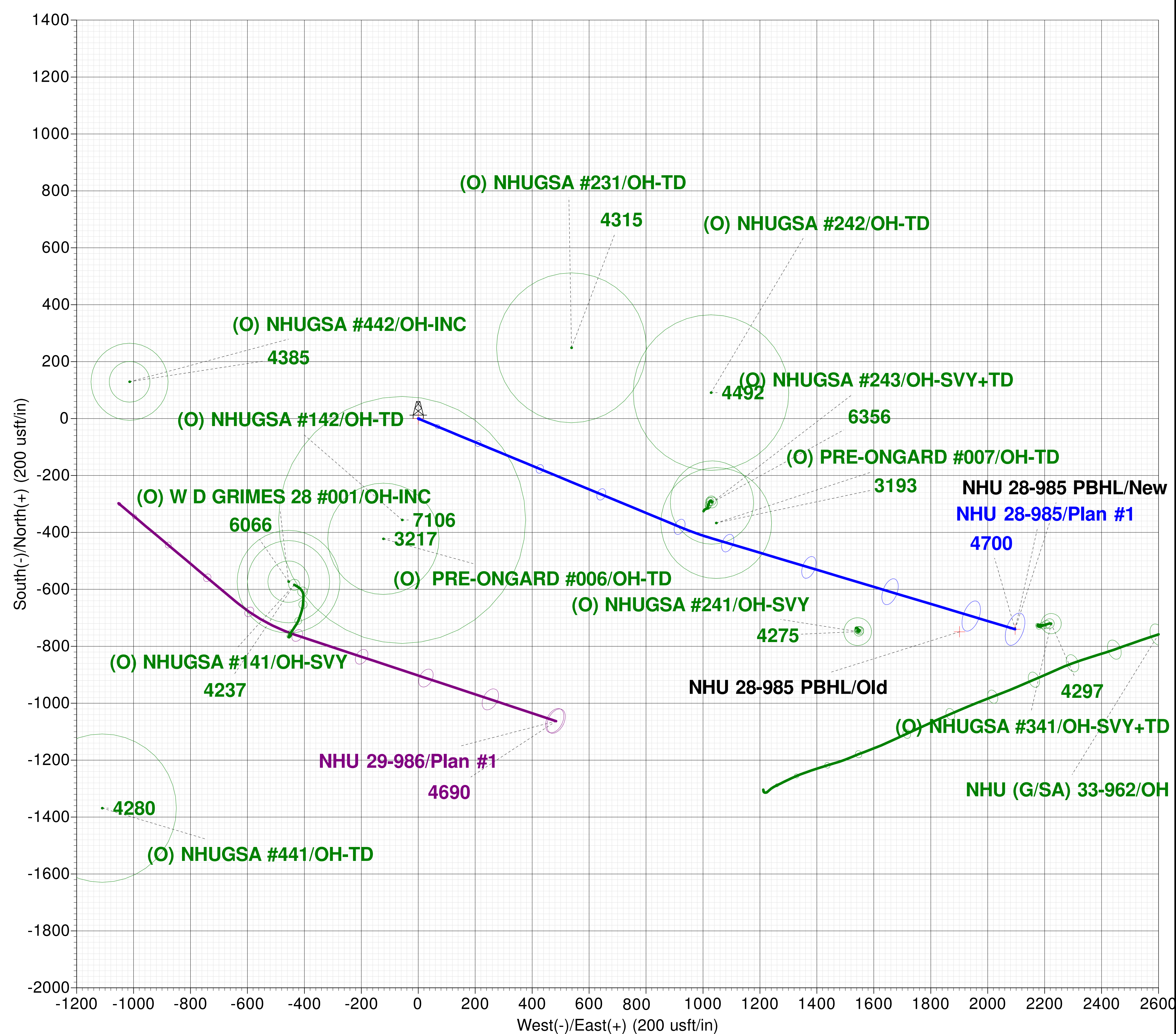
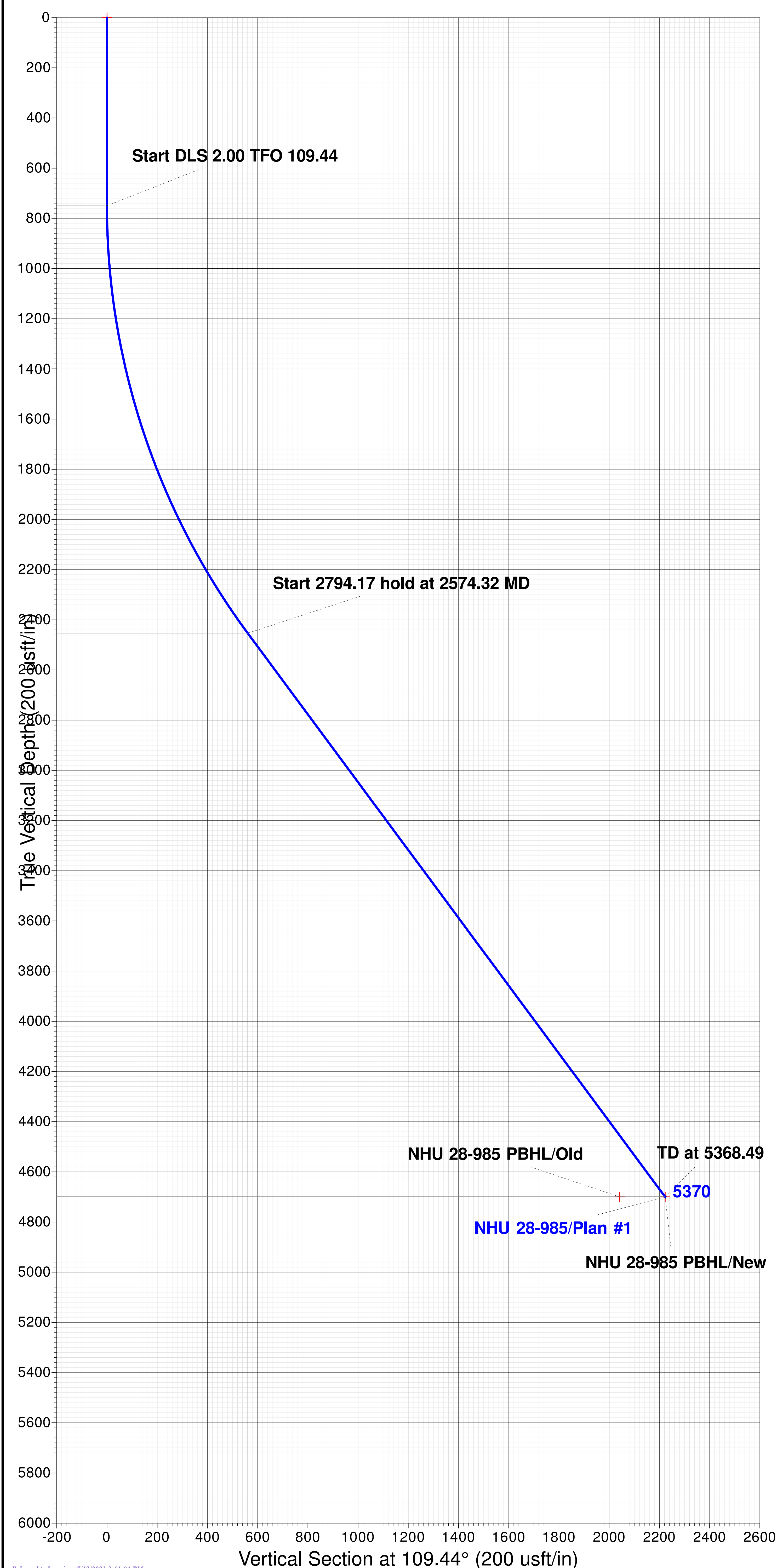
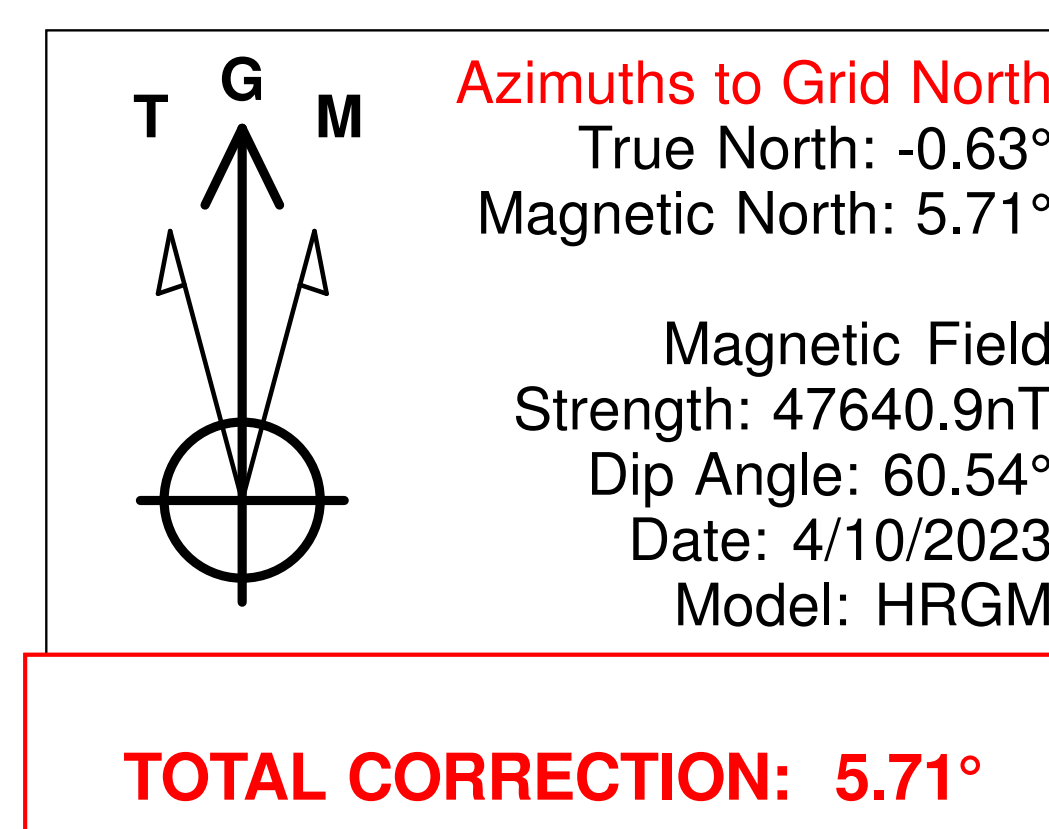


County: Lea County, NM
Site: North Hobbs Unit
Well: NHU 28-985
Depth Reference: 3644+17.5 @ 3661.50usft (Ensign T446)
Rig: Ensign T446
Plan: Plan #1
Job #: Prelim



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	750.00	0.00	0.00	750.00	0.00	0.00	0.00	0.00	0.00	Start DLS 2.00 TFO 109.44
3	2576.75	36.53	112.50	2455.45	-215.43	520.10	2.00	112.50	562.15	
4	3316.71	36.53	112.50	3050.00	-384.01	927.07	0.00	0.00	1002.03	
5	3489.70	36.53	106.69	3189.04	-418.51	1024.00	2.00	-92.37	1104.91	
6	5370.14	36.53	106.69	4700.00	-739.92	2096.26	0.00	0.00	2223.01	

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
NHU 28-985 SHL	0.00	0.00	0.00	625468.92	861203.74	32.714011	-103.158983
NHU 28-985 PBHL/New	4700.00	-739.92	2096.26	624729.00	863300.00	32.711914	-103.152196
NHU 28-985 PBHL/Old	4700.00	-748.92	1901.26	624720.00	863105.00	32.711895	-103.152830



District I
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Phone:(505) 334-6178 Fax:(505) 334-6170
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 231691

CONDITIONS

Operator: OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	OGRID: 157984
	Action Number: 231691
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	7/12/2023