

Well Name: SUPREME FEDERAL COM	Well Location: T23S / R33E / SEC 21 / SESW /	County or Parish/State: /
Well Number: 606H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0068848	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549675	Well Status: Drilling Well	Operator: COG OPERATING LLC

Notice of Intent

Sundry ID: 2669817

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 05/03/2022

Time Sundry Submitted: 01:54

Date proposed operation will begin: 05/03/2022

Procedure Description: COG Operating LLC respectfully requests approval for the following changes to the original approved APD. BHL Change From: 50' FNL & 1650' FWL Section 9. T23S. R33E. To: 50' FNL & 1386' FWL Section 9. T23S. R33E TD depth: 27,914'. See attached,

NOI Attachments

Procedure Description

SUPREME_FEDERAL_COM_606H_Updated_C102_20220503134715.pdf

SUPREME_FED_COM_606H_PWP1_SVY_RPT_20220503134706.pdf

SUPREME_FED_COM_606H_PWP1_AC_RPT_20220503134654.pdf

Received by OCD: 3/29/2023 1:59:13 PM

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Well Name: SUPREME FEDERAL COM	Well Location: T23S / R33E / SEC 21 / SESW /	County or Parish/State: /
Well Number: 606H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0068848	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549675	Well Status: Drilling Well	Operator: COG OPERATING LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: MAYTE REYES	Signed on: MAY 03, 2022 01:52 PM
Name: COG OPERATING LLC	
Title: Regulatory Analyst	
Street Address: 925 N ELDRIDGE PARKWAY	
City: HOUSTON	State: TX
Phone: (281) 293-1000	
Email address: MAYTE.X.REYES@CONOCOPHILLIPS.COM	

Field

Representative Name: Gerald Herrera		
Street Address: 2208 West Main Street		
City: Artesia	State: NM	Zip: 88210
Phone: (575)748-6940		
Email address: gerald.a.herrera@conocophillips.com		

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 05/20/2022
Signature: Chris Walls	

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) 746-1283 Fax: (575) 746-9720

DISTRICT III
1000 RIO BRAZOS RD., 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, New Mexico 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 30-025-49675	Pool Code 96689	Pool Name BRINNINSTOOL; WOLFCAMP, WEST
Property Code	Property Name SUPREME FEDERAL COM	Well Number 606H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3692.2'

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	21	23-S	33-E		485	SOUTH	1340	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
C	9	23-S	33-E		50	NORTH	1386	WEST	LEA
Dedicated Acres 960	Joint or Infill	Consolidation Code	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

NMNM128834

STATE

NMLC0068848

NAD 83 NME
PROPOSED BOTTOM
HOLE LOCATION
Y=483279.6 N
X=773619.7 E
LAT.=32.326367° N
LONG.=103.581341° W

POINT LEGEND	
1	Y=483318.3 N X=772233.4 E
2	Y=480678.7 N X=772252.7 E
3	Y=478038.6 N X=772271.7 E
4	Y=475398.2 N X=772291.3 E
5	Y=472758.0 N X=772310.5 E
6	Y=470116.9 N X=772329.5 E
7	Y=467476.1 N X=772348.7 E
8	Y=467494.7 N X=774983.5 E
9	Y=472779.7 N X=774943.5 E
10	Y=478060.7 N X=774903.9 E
11	Y=483339.6 N X=774862.0 E

NAD 83 NME
SURFACE LOCATION
Y=467970.5 N
X=773685.1 E
LAT.=32.284287° N
LONG.=103.581476° W

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Mayte Reyes 4/25/2022
Signature Date

Mayte Reyes
Printed Name

mayte.x.reyes@cop.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.

MAY 13, 2021
Date of Survey

Signature & Seal of Professional Surveyor

Chad L. Harcrow 4/13/22

Certificate No. CHAD HARCROW 17777
W.O. # 22-292 DRAWN BY: AH

DELAWARE BASIN EAST

**BULLDOG PROSPECT (NM-E)
SUPREME FED COM PROJECT
SUPREME FED COM #606H**

OWB

Plan: PWP1

Standard Survey Report

27 April, 2022

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #606H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB-30' @ 3722.2usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB-30' @ 3722.2usft (SCAN QUEST)
Well:	SUPREME FED COM #606H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

Project	BULLDOG PROSPECT (NM-E)		
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	SUPREME FED COM PROJECT		
Site Position:		Northing:	483,263.32 usft
From:	Map	Easting:	736,309.54 usft
Position Uncertainty:	3.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 19' 34.636 N
		Longitude:	103° 34' 5.951 W
		Grid Convergence:	0.41 °

Well	SUPREME FED COM #606H		
Well Position	+N/-S	0.0 usft	Northing: 467,911.10 usft
	+E/-W	0.0 usft	Easting: 732,501.60 usft
Position Uncertainty	3.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 17' 2.987 N
		Longitude:	103° 34' 51.583 W
		Ground Level:	3,692.2 usft

Wellbore	OWB		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2020	4/27/2022	6.45
			Dip Angle (°) 59.92
			Field Strength (nT) 47,435.99202918

Design	PWP1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°) 359.76

Survey Tool Program	Date	4/27/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	11,893.6	PWP1 (OWB)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4
11,901.0	27,914.3	PWP1 (OWB)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00

ConocoPhillips

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Site:	SUPREME FED COM PROJECT	MD Reference:	KB-30' @ 3722.2usft (SCAN QUEST)
Well:	SUPREME FED COM #606H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

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)
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 2.00									
2,600.0	2.00	172.76	2,600.0	-1.7	0.2	-1.7	2.00	2.00	0.00
2,700.0	4.00	172.76	2,699.8	-6.9	0.9	-6.9	2.00	2.00	0.00
2,800.0	6.00	172.76	2,799.5	-15.6	2.0	-15.6	2.00	2.00	0.00
Start 3255.6 hold at 2800.0 MD									
2,900.0	6.00	172.76	2,898.9	-25.9	3.3	-26.0	0.00	0.00	0.00
3,000.0	6.00	172.76	2,998.4	-36.3	4.6	-36.3	0.00	0.00	0.00
3,100.0	6.00	172.76	3,097.8	-46.7	5.9	-46.7	0.00	0.00	0.00
3,200.0	6.00	172.76	3,197.3	-57.0	7.2	-57.1	0.00	0.00	0.00
3,300.0	6.00	172.76	3,296.7	-67.4	8.6	-67.5	0.00	0.00	0.00
3,400.0	6.00	172.76	3,396.2	-77.8	9.9	-77.8	0.00	0.00	0.00
3,500.0	6.00	172.76	3,495.6	-88.2	11.2	-88.2	0.00	0.00	0.00
3,600.0	6.00	172.76	3,595.1	-98.5	12.5	-98.6	0.00	0.00	0.00
3,700.0	6.00	172.76	3,694.5	-108.9	13.8	-109.0	0.00	0.00	0.00
3,800.0	6.00	172.76	3,794.0	-119.3	15.1	-119.3	0.00	0.00	0.00
3,900.0	6.00	172.76	3,893.4	-129.6	16.5	-129.7	0.00	0.00	0.00
4,000.0	6.00	172.76	3,992.9	-140.0	17.8	-140.1	0.00	0.00	0.00
4,100.0	6.00	172.76	4,092.3	-150.4	19.1	-150.5	0.00	0.00	0.00
4,200.0	6.00	172.76	4,191.8	-160.7	20.4	-160.8	0.00	0.00	0.00
4,300.0	6.00	172.76	4,291.2	-171.1	21.7	-171.2	0.00	0.00	0.00
4,400.0	6.00	172.76	4,390.7	-181.5	23.0	-181.6	0.00	0.00	0.00
4,500.0	6.00	172.76	4,490.1	-191.9	24.4	-192.0	0.00	0.00	0.00
4,600.0	6.00	172.76	4,589.6	-202.2	25.7	-202.3	0.00	0.00	0.00
4,700.0	6.00	172.76	4,689.0	-212.6	27.0	-212.7	0.00	0.00	0.00
4,800.0	6.00	172.76	4,788.5	-223.0	28.3	-223.1	0.00	0.00	0.00
4,900.0	6.00	172.76	4,887.9	-233.3	29.6	-233.5	0.00	0.00	0.00
5,000.0	6.00	172.76	4,987.4	-243.7	30.9	-243.8	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #606H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB-30' @ 3722.2usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB-30' @ 3722.2usft (SCAN QUEST)
Well:	SUPREME FED COM #606H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

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)	
5,100.0	6.00	172.76	5,086.9	-254.1	32.3	-254.2	0.00	0.00	0.00	
5,200.0	6.00	172.76	5,186.3	-264.4	33.6	-264.6	0.00	0.00	0.00	
5,300.0	6.00	172.76	5,285.8	-274.8	34.9	-275.0	0.00	0.00	0.00	
5,400.0	6.00	172.76	5,385.2	-285.2	36.2	-285.3	0.00	0.00	0.00	
5,500.0	6.00	172.76	5,484.7	-295.5	37.5	-295.7	0.00	0.00	0.00	
5,600.0	6.00	172.76	5,584.1	-305.9	38.8	-306.1	0.00	0.00	0.00	
5,700.0	6.00	172.76	5,683.6	-316.3	40.2	-316.5	0.00	0.00	0.00	
5,800.0	6.00	172.76	5,783.0	-326.7	41.5	-326.8	0.00	0.00	0.00	
5,900.0	6.00	172.76	5,882.5	-337.0	42.8	-337.2	0.00	0.00	0.00	
6,000.0	6.00	172.76	5,981.9	-347.4	44.1	-347.6	0.00	0.00	0.00	
6,055.6	6.00	172.76	6,037.2	-353.2	44.8	-353.4	0.00	0.00	0.00	
Start Drop -1.00										
6,100.0	5.56	172.76	6,081.4	-357.6	45.4	-357.8	1.00	-1.00	0.00	
6,200.0	4.56	172.76	6,181.0	-366.3	46.5	-366.5	1.00	-1.00	0.00	
6,300.0	3.56	172.76	6,280.7	-373.4	47.4	-373.6	1.00	-1.00	0.00	
6,400.0	2.56	172.76	6,380.6	-378.6	48.1	-378.8	1.00	-1.00	0.00	
6,500.0	1.56	172.76	6,480.5	-382.2	48.5	-382.4	1.00	-1.00	0.00	
6,600.0	0.56	172.76	6,580.5	-384.0	48.8	-384.2	1.00	-1.00	0.00	
6,655.6	0.00	0.00	6,636.1	-384.3	48.8	-384.5	1.00	-1.00	0.00	
Start 5238.0 hold at 6655.6 MD										
6,700.0	0.00	0.00	6,680.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,780.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,880.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,980.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,080.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,180.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,280.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,380.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,480.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,580.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,680.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,780.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,880.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,980.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,080.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,180.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,280.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,380.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,480.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,580.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,680.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,780.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,880.5	-384.3	48.8	-384.5	0.00	0.00	0.00	
9,000.0	0.00	0.00	8,980.5	-384.3	48.8	-384.5	0.00	0.00	0.00	

ConocoPhillips

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Design:	PWP1	Database:	EDT 15 Central Prod

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)
9,100.0	0.00	0.00	9,080.5	-384.3	48.8	-384.5	0.00	0.00	0.00
9,200.0	0.00	0.00	9,180.5	-384.3	48.8	-384.5	0.00	0.00	0.00
9,300.0	0.00	0.00	9,280.5	-384.3	48.8	-384.5	0.00	0.00	0.00
9,400.0	0.00	0.00	9,380.5	-384.3	48.8	-384.5	0.00	0.00	0.00
9,500.0	0.00	0.00	9,480.5	-384.3	48.8	-384.5	0.00	0.00	0.00
9,600.0	0.00	0.00	9,580.5	-384.3	48.8	-384.5	0.00	0.00	0.00
9,700.0	0.00	0.00	9,680.5	-384.3	48.8	-384.5	0.00	0.00	0.00
9,800.0	0.00	0.00	9,780.5	-384.3	48.8	-384.5	0.00	0.00	0.00
9,900.0	0.00	0.00	9,880.5	-384.3	48.8	-384.5	0.00	0.00	0.00
10,000.0	0.00	0.00	9,980.5	-384.3	48.8	-384.5	0.00	0.00	0.00
10,100.0	0.00	0.00	10,080.5	-384.3	48.8	-384.5	0.00	0.00	0.00
10,200.0	0.00	0.00	10,180.5	-384.3	48.8	-384.5	0.00	0.00	0.00
10,300.0	0.00	0.00	10,280.5	-384.3	48.8	-384.5	0.00	0.00	0.00
10,400.0	0.00	0.00	10,380.5	-384.3	48.8	-384.5	0.00	0.00	0.00
10,500.0	0.00	0.00	10,480.5	-384.3	48.8	-384.5	0.00	0.00	0.00
10,600.0	0.00	0.00	10,580.5	-384.3	48.8	-384.5	0.00	0.00	0.00
10,700.0	0.00	0.00	10,680.5	-384.3	48.8	-384.5	0.00	0.00	0.00
10,800.0	0.00	0.00	10,780.5	-384.3	48.8	-384.5	0.00	0.00	0.00
10,900.0	0.00	0.00	10,880.5	-384.3	48.8	-384.5	0.00	0.00	0.00
11,000.0	0.00	0.00	10,980.5	-384.3	48.8	-384.5	0.00	0.00	0.00
11,100.0	0.00	0.00	11,080.5	-384.3	48.8	-384.5	0.00	0.00	0.00
11,200.0	0.00	0.00	11,180.5	-384.3	48.8	-384.5	0.00	0.00	0.00
11,300.0	0.00	0.00	11,280.5	-384.3	48.8	-384.5	0.00	0.00	0.00
11,400.0	0.00	0.00	11,380.5	-384.3	48.8	-384.5	0.00	0.00	0.00
11,500.0	0.00	0.00	11,480.5	-384.3	48.8	-384.5	0.00	0.00	0.00
11,600.0	0.00	0.00	11,580.5	-384.3	48.8	-384.5	0.00	0.00	0.00
11,700.0	0.00	0.00	11,680.5	-384.3	48.8	-384.5	0.00	0.00	0.00
11,800.0	0.00	0.00	11,780.5	-384.3	48.8	-384.5	0.00	0.00	0.00
11,893.6	0.00	0.00	11,874.1	-384.3	48.8	-384.5	0.00	0.00	0.00
Start DLS 10.00 TFO 359.58									
11,900.0	0.64	359.58	11,880.5	-384.3	48.8	-384.5	10.00	10.00	0.00
11,950.0	5.64	359.58	11,930.4	-381.5	48.8	-381.7	10.00	10.00	0.00
12,000.0	10.64	359.58	11,979.9	-374.4	48.7	-374.6	10.00	10.00	0.00
12,050.0	15.64	359.58	12,028.6	-363.1	48.6	-363.3	10.00	10.00	0.00
12,100.0	20.64	359.58	12,076.1	-347.5	48.5	-347.7	10.00	10.00	0.00
12,150.0	25.64	359.58	12,122.0	-327.9	48.4	-328.1	10.00	10.00	0.00
12,200.0	30.64	359.58	12,166.1	-304.3	48.2	-304.5	10.00	10.00	0.00
12,250.0	35.64	359.58	12,208.0	-277.0	48.0	-277.2	10.00	10.00	0.00
12,300.0	40.64	359.58	12,247.3	-246.1	47.8	-246.3	10.00	10.00	0.00
12,350.0	45.64	359.58	12,283.8	-211.9	47.5	-212.1	10.00	10.00	0.00
12,400.0	50.64	359.58	12,317.1	-174.7	47.3	-174.9	10.00	10.00	0.00
12,450.0	55.64	359.58	12,347.1	-134.7	47.0	-134.9	10.00	10.00	0.00
12,500.0	60.64	359.58	12,373.5	-92.2	46.7	-92.4	10.00	10.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #606H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB-30' @ 3722.2usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB-30' @ 3722.2usft (SCAN QUEST)
Well:	SUPREME FED COM #606H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

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)	
12,550.0	65.64	359.58	12,396.1	-47.7	46.4	-47.9	10.00	10.00	0.00	
12,600.0	70.64	359.58	12,414.7	-1.3	46.0	-1.5	10.00	10.00	0.00	
12,650.0	75.64	359.58	12,429.2	46.6	45.7	46.4	10.00	10.00	0.00	
12,700.0	80.64	359.58	12,439.4	95.5	45.3	95.3	10.00	10.00	0.00	
12,750.0	85.64	359.58	12,445.4	145.1	45.0	144.9	10.00	10.00	0.00	
12,797.4	90.38	359.58	12,447.0	192.4	44.6	192.2	10.00	10.00	0.00	
Start 15116.9 hold at 12797.4 MD										
12,800.0	90.38	359.58	12,447.0	195.1	44.6	194.9	0.00	0.00	0.00	
12,900.0	90.38	359.58	12,446.4	295.1	43.9	294.9	0.00	0.00	0.00	
13,000.0	90.38	359.58	12,445.7	395.1	43.1	394.9	0.00	0.00	0.00	
13,100.0	90.38	359.58	12,445.0	495.0	42.4	494.9	0.00	0.00	0.00	
13,200.0	90.38	359.58	12,444.4	595.0	41.7	594.9	0.00	0.00	0.00	
13,300.0	90.38	359.58	12,443.7	695.0	41.0	694.9	0.00	0.00	0.00	
13,400.0	90.38	359.58	12,443.1	795.0	40.2	794.9	0.00	0.00	0.00	
13,500.0	90.38	359.58	12,442.4	895.0	39.5	894.9	0.00	0.00	0.00	
13,600.0	90.38	359.58	12,441.7	995.0	38.8	994.9	0.00	0.00	0.00	
13,700.0	90.38	359.58	12,441.1	1,095.0	38.1	1,094.8	0.00	0.00	0.00	
13,800.0	90.38	359.58	12,440.4	1,195.0	37.3	1,194.8	0.00	0.00	0.00	
13,900.0	90.38	359.58	12,439.7	1,295.0	36.6	1,294.8	0.00	0.00	0.00	
14,000.0	90.38	359.58	12,439.1	1,395.0	35.9	1,394.8	0.00	0.00	0.00	
14,100.0	90.38	359.58	12,438.4	1,495.0	35.2	1,494.8	0.00	0.00	0.00	
14,200.0	90.38	359.58	12,437.8	1,595.0	34.4	1,594.8	0.00	0.00	0.00	
14,300.0	90.38	359.58	12,437.1	1,695.0	33.7	1,694.8	0.00	0.00	0.00	
14,400.0	90.38	359.58	12,436.4	1,795.0	33.0	1,794.8	0.00	0.00	0.00	
14,500.0	90.38	359.58	12,435.8	1,895.0	32.3	1,894.8	0.00	0.00	0.00	
14,600.0	90.38	359.58	12,435.1	1,995.0	31.5	1,994.8	0.00	0.00	0.00	
14,700.0	90.38	359.58	12,434.5	2,095.0	30.8	2,094.8	0.00	0.00	0.00	
14,800.0	90.38	359.58	12,433.8	2,195.0	30.1	2,194.8	0.00	0.00	0.00	
14,900.0	90.38	359.58	12,433.1	2,295.0	29.4	2,294.8	0.00	0.00	0.00	
15,000.0	90.38	359.58	12,432.5	2,395.0	28.6	2,394.8	0.00	0.00	0.00	
15,100.0	90.38	359.58	12,431.8	2,495.0	27.9	2,494.8	0.00	0.00	0.00	
15,200.0	90.38	359.58	12,431.1	2,594.9	27.2	2,594.8	0.00	0.00	0.00	
15,300.0	90.38	359.58	12,430.5	2,694.9	26.5	2,694.8	0.00	0.00	0.00	
15,400.0	90.38	359.58	12,429.8	2,794.9	25.7	2,794.8	0.00	0.00	0.00	
15,500.0	90.38	359.58	12,429.2	2,894.9	25.0	2,894.8	0.00	0.00	0.00	
15,600.0	90.38	359.58	12,428.5	2,994.9	24.3	2,994.8	0.00	0.00	0.00	
15,700.0	90.38	359.58	12,427.8	3,094.9	23.5	3,094.8	0.00	0.00	0.00	
15,800.0	90.38	359.58	12,427.2	3,194.9	22.8	3,194.8	0.00	0.00	0.00	
15,900.0	90.38	359.58	12,426.5	3,294.9	22.1	3,294.8	0.00	0.00	0.00	
16,000.0	90.38	359.58	12,425.8	3,394.9	21.4	3,394.8	0.00	0.00	0.00	
16,100.0	90.38	359.58	12,425.2	3,494.9	20.6	3,494.8	0.00	0.00	0.00	
16,200.0	90.38	359.58	12,424.5	3,594.9	19.9	3,594.8	0.00	0.00	0.00	
16,300.0	90.38	359.58	12,423.9	3,694.9	19.2	3,694.8	0.00	0.00	0.00	
16,400.0	90.38	359.58	12,423.2	3,794.9	18.5	3,794.8	0.00	0.00	0.00	

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #606H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB-30' @ 3722.2usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB-30' @ 3722.2usft (SCAN QUEST)
Well:	SUPREME FED COM #606H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

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)
16,500.0	90.38	359.58	12,422.5	3,894.9	17.7	3,894.8	0.00	0.00	0.00
16,600.0	90.38	359.58	12,421.9	3,994.9	17.0	3,994.8	0.00	0.00	0.00
16,700.0	90.38	359.58	12,421.2	4,094.9	16.3	4,094.8	0.00	0.00	0.00
16,800.0	90.38	359.58	12,420.6	4,194.9	15.6	4,194.8	0.00	0.00	0.00
16,900.0	90.38	359.58	12,419.9	4,294.9	14.8	4,294.8	0.00	0.00	0.00
17,000.0	90.38	359.58	12,419.2	4,394.9	14.1	4,394.8	0.00	0.00	0.00
17,100.0	90.38	359.58	12,418.6	4,494.9	13.4	4,494.8	0.00	0.00	0.00
17,200.0	90.38	359.58	12,417.9	4,594.9	12.7	4,594.8	0.00	0.00	0.00
17,300.0	90.38	359.58	12,417.2	4,694.8	11.9	4,694.8	0.00	0.00	0.00
17,400.0	90.38	359.58	12,416.6	4,794.8	11.2	4,794.8	0.00	0.00	0.00
17,500.0	90.38	359.58	12,415.9	4,894.8	10.5	4,894.7	0.00	0.00	0.00
17,600.0	90.38	359.58	12,415.3	4,994.8	9.8	4,994.7	0.00	0.00	0.00
17,700.0	90.38	359.58	12,414.6	5,094.8	9.0	5,094.7	0.00	0.00	0.00
17,800.0	90.38	359.58	12,413.9	5,194.8	8.3	5,194.7	0.00	0.00	0.00
17,900.0	90.38	359.58	12,413.3	5,294.8	7.6	5,294.7	0.00	0.00	0.00
18,000.0	90.38	359.58	12,412.6	5,394.8	6.9	5,394.7	0.00	0.00	0.00
18,100.0	90.38	359.58	12,412.0	5,494.8	6.1	5,494.7	0.00	0.00	0.00
18,200.0	90.38	359.58	12,411.3	5,594.8	5.4	5,594.7	0.00	0.00	0.00
18,300.0	90.38	359.58	12,410.6	5,694.8	4.7	5,694.7	0.00	0.00	0.00
18,400.0	90.38	359.58	12,410.0	5,794.8	4.0	5,794.7	0.00	0.00	0.00
18,500.0	90.38	359.58	12,409.3	5,894.8	3.2	5,894.7	0.00	0.00	0.00
18,600.0	90.38	359.58	12,408.6	5,994.8	2.5	5,994.7	0.00	0.00	0.00
18,700.0	90.38	359.58	12,408.0	6,094.8	1.8	6,094.7	0.00	0.00	0.00
18,800.0	90.38	359.58	12,407.3	6,194.8	1.0	6,194.7	0.00	0.00	0.00
18,900.0	90.38	359.58	12,406.7	6,294.8	0.3	6,294.7	0.00	0.00	0.00
19,000.0	90.38	359.58	12,406.0	6,394.8	-0.4	6,394.7	0.00	0.00	0.00
19,100.0	90.38	359.58	12,405.3	6,494.8	-1.1	6,494.7	0.00	0.00	0.00
19,200.0	90.38	359.58	12,404.7	6,594.8	-1.9	6,594.7	0.00	0.00	0.00
19,300.0	90.38	359.58	12,404.0	6,694.8	-2.6	6,694.7	0.00	0.00	0.00
19,400.0	90.38	359.58	12,403.3	6,794.7	-3.3	6,794.7	0.00	0.00	0.00
19,500.0	90.38	359.58	12,402.7	6,894.7	-4.0	6,894.7	0.00	0.00	0.00
19,600.0	90.38	359.58	12,402.0	6,994.7	-4.8	6,994.7	0.00	0.00	0.00
19,700.0	90.38	359.58	12,401.4	7,094.7	-5.5	7,094.7	0.00	0.00	0.00
19,800.0	90.38	359.58	12,400.7	7,194.7	-6.2	7,194.7	0.00	0.00	0.00
19,900.0	90.38	359.58	12,400.0	7,294.7	-6.9	7,294.7	0.00	0.00	0.00
20,000.0	90.38	359.58	12,399.4	7,394.7	-7.7	7,394.7	0.00	0.00	0.00
20,100.0	90.38	359.58	12,398.7	7,494.7	-8.4	7,494.7	0.00	0.00	0.00
20,200.0	90.38	359.58	12,398.1	7,594.7	-9.1	7,594.7	0.00	0.00	0.00
20,300.0	90.38	359.58	12,397.4	7,694.7	-9.8	7,694.7	0.00	0.00	0.00
20,400.0	90.38	359.58	12,396.7	7,794.7	-10.6	7,794.7	0.00	0.00	0.00
20,500.0	90.38	359.58	12,396.1	7,894.7	-11.3	7,894.7	0.00	0.00	0.00
20,600.0	90.38	359.58	12,395.4	7,994.7	-12.0	7,994.7	0.00	0.00	0.00
20,700.0	90.38	359.58	12,394.7	8,094.7	-12.7	8,094.7	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #606H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB-30' @ 3722.2usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB-30' @ 3722.2usft (SCAN QUEST)
Well:	SUPREME FED COM #606H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

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)
20,800.0	90.38	359.58	12,394.1	8,194.7	-13.5	8,194.7	0.00	0.00	0.00
20,900.0	90.38	359.58	12,393.4	8,294.7	-14.2	8,294.7	0.00	0.00	0.00
21,000.0	90.38	359.58	12,392.8	8,394.7	-14.9	8,394.7	0.00	0.00	0.00
21,100.0	90.38	359.58	12,392.1	8,494.7	-15.6	8,494.7	0.00	0.00	0.00
21,200.0	90.38	359.58	12,391.4	8,594.7	-16.4	8,594.7	0.00	0.00	0.00
21,300.0	90.38	359.58	12,390.8	8,694.7	-17.1	8,694.6	0.00	0.00	0.00
21,400.0	90.38	359.58	12,390.1	8,794.6	-17.8	8,794.6	0.00	0.00	0.00
21,500.0	90.38	359.58	12,389.5	8,894.6	-18.5	8,894.6	0.00	0.00	0.00
21,600.0	90.38	359.58	12,388.8	8,994.6	-19.3	8,994.6	0.00	0.00	0.00
21,700.0	90.38	359.58	12,388.1	9,094.6	-20.0	9,094.6	0.00	0.00	0.00
21,800.0	90.38	359.58	12,387.5	9,194.6	-20.7	9,194.6	0.00	0.00	0.00
21,900.0	90.38	359.58	12,386.8	9,294.6	-21.5	9,294.6	0.00	0.00	0.00
22,000.0	90.38	359.58	12,386.1	9,394.6	-22.2	9,394.6	0.00	0.00	0.00
22,100.0	90.38	359.58	12,385.5	9,494.6	-22.9	9,494.6	0.00	0.00	0.00
22,200.0	90.38	359.58	12,384.8	9,594.6	-23.6	9,594.6	0.00	0.00	0.00
22,300.0	90.38	359.58	12,384.2	9,694.6	-24.4	9,694.6	0.00	0.00	0.00
22,400.0	90.38	359.58	12,383.5	9,794.6	-25.1	9,794.6	0.00	0.00	0.00
22,500.0	90.38	359.58	12,382.8	9,894.6	-25.8	9,894.6	0.00	0.00	0.00
22,600.0	90.38	359.58	12,382.2	9,994.6	-26.5	9,994.6	0.00	0.00	0.00
22,700.0	90.38	359.58	12,381.5	10,094.6	-27.3	10,094.6	0.00	0.00	0.00
22,800.0	90.38	359.58	12,380.8	10,194.6	-28.0	10,194.6	0.00	0.00	0.00
22,900.0	90.38	359.58	12,380.2	10,294.6	-28.7	10,294.6	0.00	0.00	0.00
23,000.0	90.38	359.58	12,379.5	10,394.6	-29.4	10,394.6	0.00	0.00	0.00
23,100.0	90.38	359.58	12,378.9	10,494.6	-30.2	10,494.6	0.00	0.00	0.00
23,200.0	90.38	359.58	12,378.2	10,594.6	-30.9	10,594.6	0.00	0.00	0.00
23,300.0	90.38	359.58	12,377.5	10,694.6	-31.6	10,694.6	0.00	0.00	0.00
23,400.0	90.38	359.58	12,376.9	10,794.6	-32.3	10,794.6	0.00	0.00	0.00
23,500.0	90.38	359.58	12,376.2	10,894.5	-33.1	10,894.6	0.00	0.00	0.00
23,600.0	90.38	359.58	12,375.6	10,994.5	-33.8	10,994.6	0.00	0.00	0.00
23,700.0	90.38	359.58	12,374.9	11,094.5	-34.5	11,094.6	0.00	0.00	0.00
23,800.0	90.38	359.58	12,374.2	11,194.5	-35.2	11,194.6	0.00	0.00	0.00
23,900.0	90.38	359.58	12,373.6	11,294.5	-36.0	11,294.6	0.00	0.00	0.00
24,000.0	90.38	359.58	12,372.9	11,394.5	-36.7	11,394.6	0.00	0.00	0.00
24,100.0	90.38	359.58	12,372.2	11,494.5	-37.4	11,494.6	0.00	0.00	0.00
24,200.0	90.38	359.58	12,371.6	11,594.5	-38.1	11,594.6	0.00	0.00	0.00
24,300.0	90.38	359.58	12,370.9	11,694.5	-38.9	11,694.6	0.00	0.00	0.00
24,400.0	90.38	359.58	12,370.3	11,794.5	-39.6	11,794.6	0.00	0.00	0.00
24,500.0	90.38	359.58	12,369.6	11,894.5	-40.3	11,894.6	0.00	0.00	0.00
24,600.0	90.38	359.58	12,368.9	11,994.5	-41.0	11,994.6	0.00	0.00	0.00
24,700.0	90.38	359.58	12,368.3	12,094.5	-41.8	12,094.6	0.00	0.00	0.00
24,800.0	90.38	359.58	12,367.6	12,194.5	-42.5	12,194.6	0.00	0.00	0.00
24,900.0	90.38	359.58	12,366.9	12,294.5	-43.2	12,294.6	0.00	0.00	0.00
25,000.0	90.38	359.58	12,366.3	12,394.5	-43.9	12,394.5	0.00	0.00	0.00
25,100.0	90.38	359.58	12,365.6	12,494.5	-44.7	12,494.5	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #606H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB-30' @ 3722.2usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB-30' @ 3722.2usft (SCAN QUEST)
Well:	SUPREME FED COM #606H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

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)
25,200.0	90.38	359.58	12,365.0	12,594.5	-45.4	12,594.5	0.00	0.00	0.00
25,300.0	90.38	359.58	12,364.3	12,694.5	-46.1	12,694.5	0.00	0.00	0.00
25,400.0	90.38	359.58	12,363.6	12,794.5	-46.9	12,794.5	0.00	0.00	0.00
25,500.0	90.38	359.58	12,363.0	12,894.5	-47.6	12,894.5	0.00	0.00	0.00
25,600.0	90.38	359.58	12,362.3	12,994.4	-48.3	12,994.5	0.00	0.00	0.00
25,700.0	90.38	359.58	12,361.7	13,094.4	-49.0	13,094.5	0.00	0.00	0.00
25,800.0	90.38	359.58	12,361.0	13,194.4	-49.8	13,194.5	0.00	0.00	0.00
25,900.0	90.38	359.58	12,360.3	13,294.4	-50.5	13,294.5	0.00	0.00	0.00
26,000.0	90.38	359.58	12,359.7	13,394.4	-51.2	13,394.5	0.00	0.00	0.00
26,100.0	90.38	359.58	12,359.0	13,494.4	-51.9	13,494.5	0.00	0.00	0.00
26,200.0	90.38	359.58	12,358.3	13,594.4	-52.7	13,594.5	0.00	0.00	0.00
26,300.0	90.38	359.58	12,357.7	13,694.4	-53.4	13,694.5	0.00	0.00	0.00
26,400.0	90.38	359.58	12,357.0	13,794.4	-54.1	13,794.5	0.00	0.00	0.00
26,500.0	90.38	359.58	12,356.4	13,894.4	-54.8	13,894.5	0.00	0.00	0.00
26,600.0	90.38	359.58	12,355.7	13,994.4	-55.6	13,994.5	0.00	0.00	0.00
26,700.0	90.38	359.58	12,355.0	14,094.4	-56.3	14,094.5	0.00	0.00	0.00
26,800.0	90.38	359.58	12,354.4	14,194.4	-57.0	14,194.5	0.00	0.00	0.00
26,900.0	90.38	359.58	12,353.7	14,294.4	-57.7	14,294.5	0.00	0.00	0.00
27,000.0	90.38	359.58	12,353.1	14,394.4	-58.5	14,394.5	0.00	0.00	0.00
27,100.0	90.38	359.58	12,352.4	14,494.4	-59.2	14,494.5	0.00	0.00	0.00
27,200.0	90.38	359.58	12,351.7	14,594.4	-59.9	14,594.5	0.00	0.00	0.00
27,300.0	90.38	359.58	12,351.1	14,694.4	-60.6	14,694.5	0.00	0.00	0.00
27,400.0	90.38	359.58	12,350.4	14,794.4	-61.4	14,794.5	0.00	0.00	0.00
27,500.0	90.38	359.58	12,349.7	14,894.4	-62.1	14,894.5	0.00	0.00	0.00
27,600.0	90.38	359.58	12,349.1	14,994.3	-62.8	14,994.5	0.00	0.00	0.00
27,700.0	90.38	359.58	12,348.4	15,094.3	-63.5	15,094.5	0.00	0.00	0.00
27,800.0	90.38	359.58	12,347.8	15,194.3	-64.3	15,194.5	0.00	0.00	0.00
27,900.0	90.38	359.58	12,347.1	15,294.3	-65.0	15,294.5	0.00	0.00	0.00
27,914.3	90.38	359.58	12,347.0	15,308.6	-65.1	15,308.7	0.00	0.00	0.00
TD at 27914.3									

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #606H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB-30' @ 3722.2usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB-30' @ 3722.2usft (SCAN QUEST)
Well:	SUPREME FED COM #606H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

Design Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL (SUPREME FE - plan hits target center - Rectangle (sides W100.0 H15,736.0 D20.0)	0.38	179.58	12,347.0	15,308.6	-65.1	483,219.70	732,436.50	32° 19' 34.476 N	103° 34' 51.089 W
LTP (SUPREME FED - plan misses target center by 0.3usft at 27864.3usft MD (12347.3 TVD, 15258.6 N, -64.7 E) - Point	0.00	0.00	12,347.0	15,258.6	-64.7	483,169.70	732,436.90	32° 19' 33.981 N	103° 34' 51.089 W
FTP (SUPREME FED - plan misses target center by 237.4usft at 12350.0usft MD (12283.8 TVD, -211.9 N, 47.5 E) - Circle (radius 50.0)	0.00	0.01	12,447.0	-384.3	48.8	467,526.80	732,550.40	32° 16' 59.180 N	103° 34' 51.046 W

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2500	2500	0	0	Start Build 2.00
2800	2799	-16	2	Start 3255.6 hold at 2800.0 MD
6056	6037	-353	45	Start Drop -1.00
6656	6636	-384	49	Start 5238.0 hold at 6655.6 MD
11,894	11,874	-384	49	Start DLS 10.00 TFO 359.58
12,797	12,447	192	45	Start 15116.9 hold at 12797.4 MD
27,914	12,347	15,309	-65	TD at 27914.3

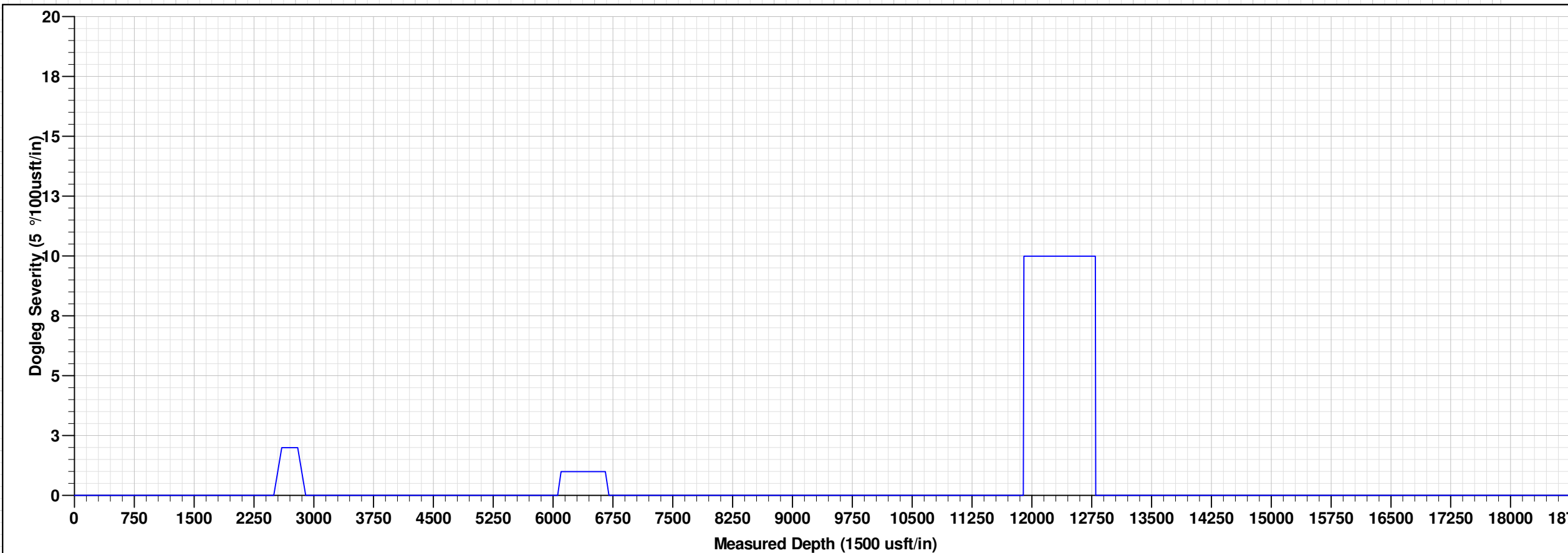
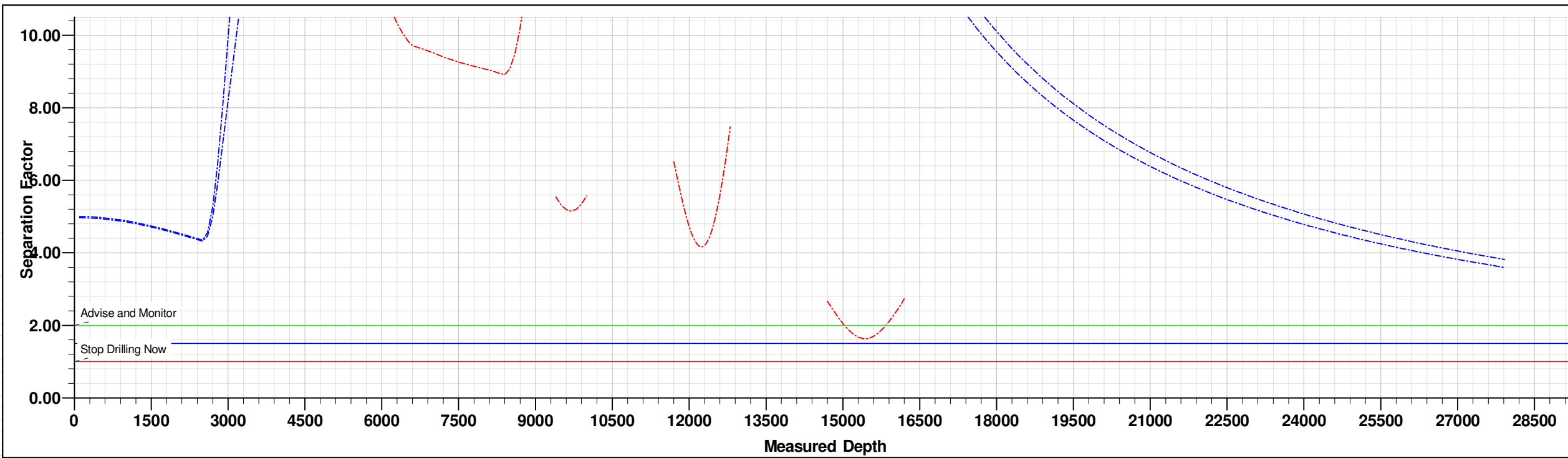
Checked By: _____ Approved By: _____ Date: _____

WELL DETAILS: SUPREME FED COM #606H

+N-S	+E-W	Northing	Easting	Latitude	Longitude
0.0	0.0	467911.10	732501.60	32° 17' 2.987 N	103° 34' 51.583 W

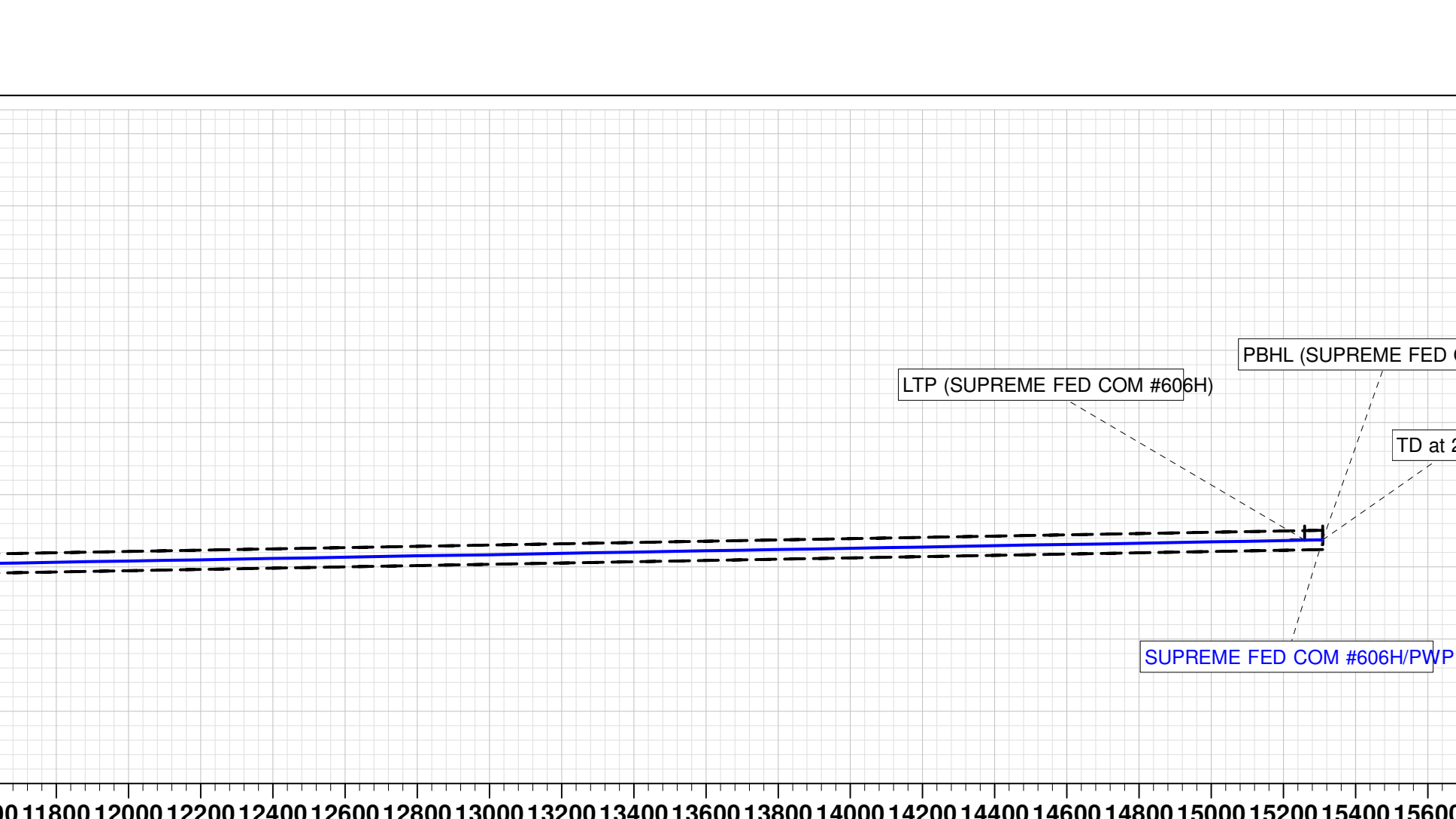
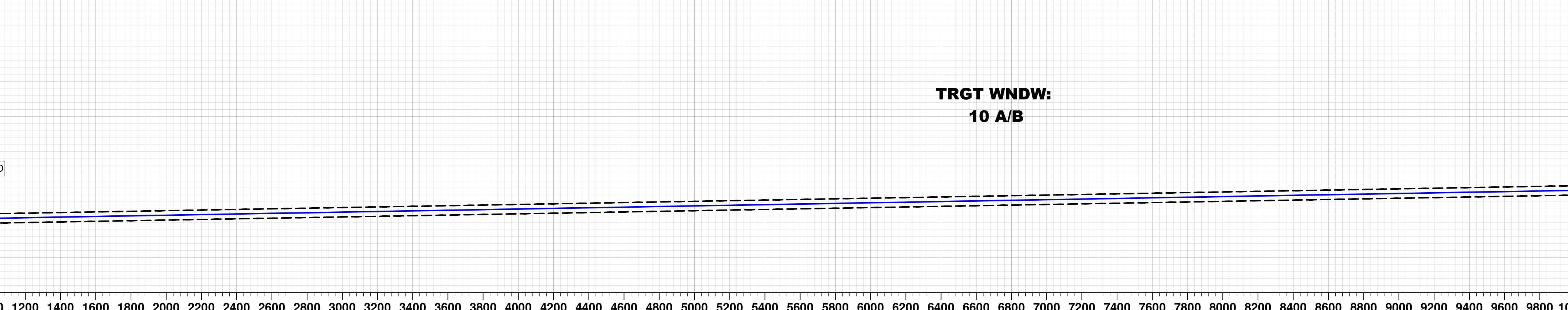
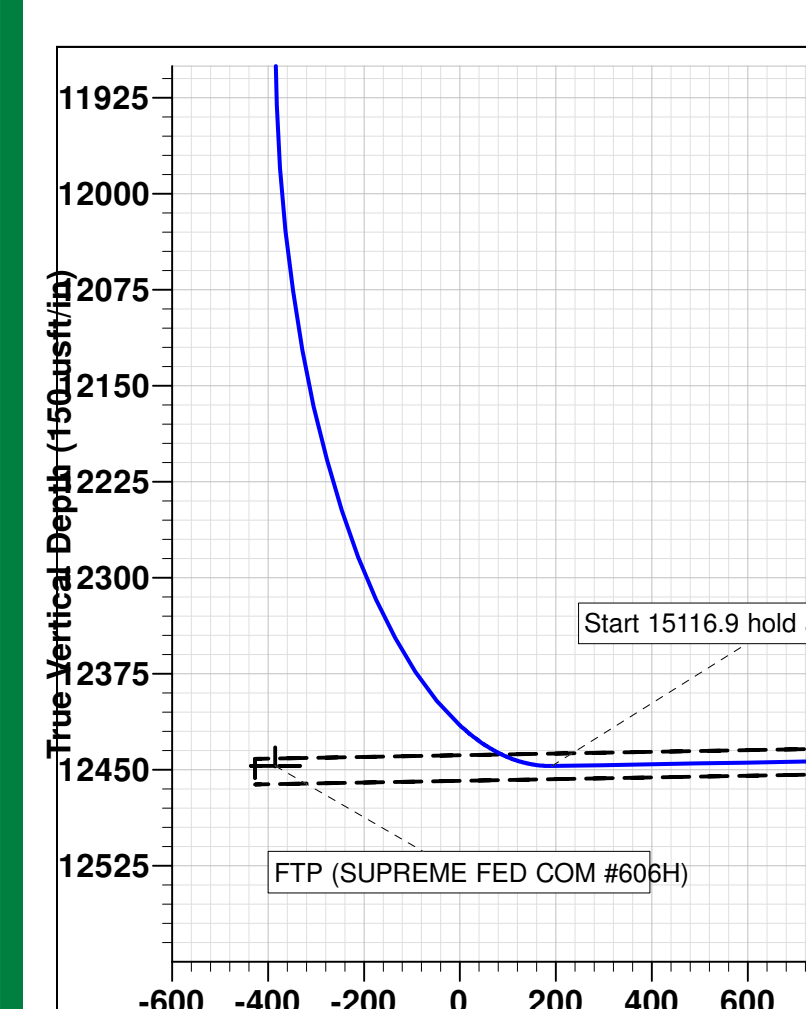
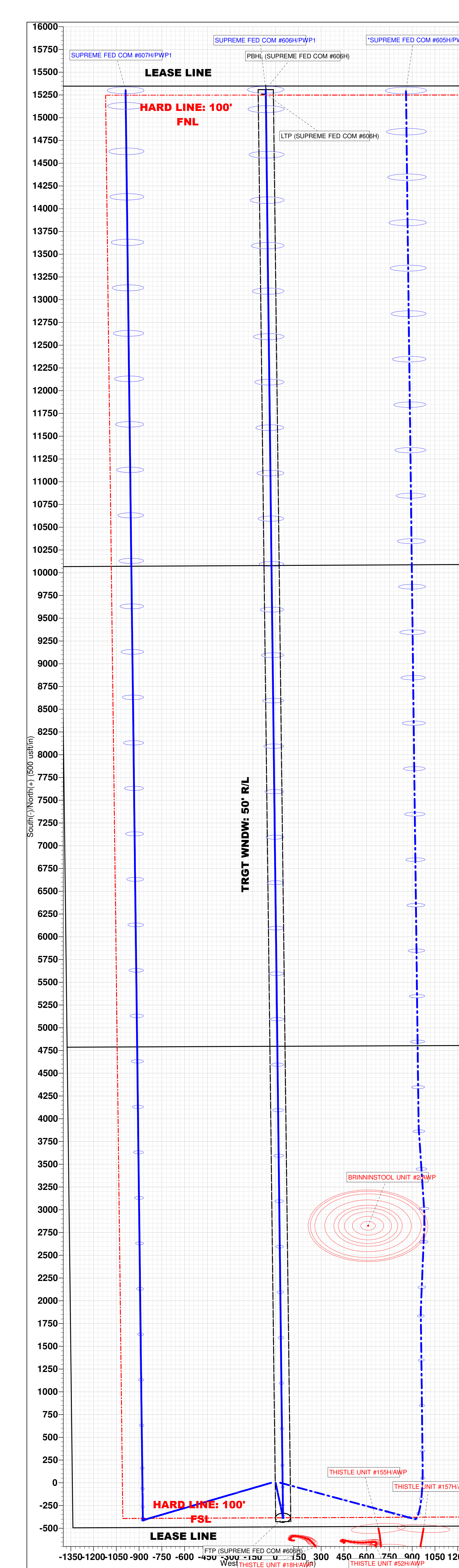
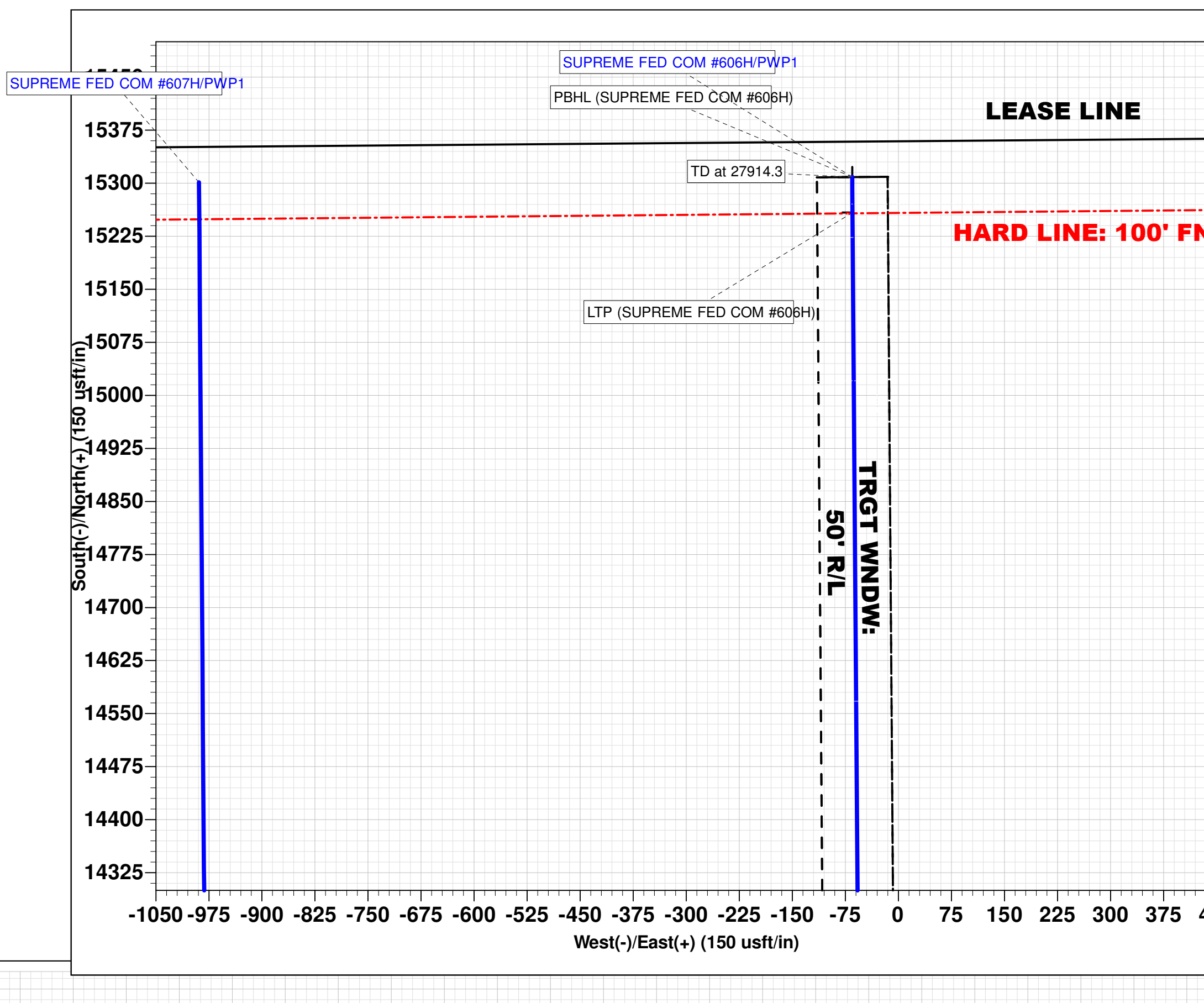
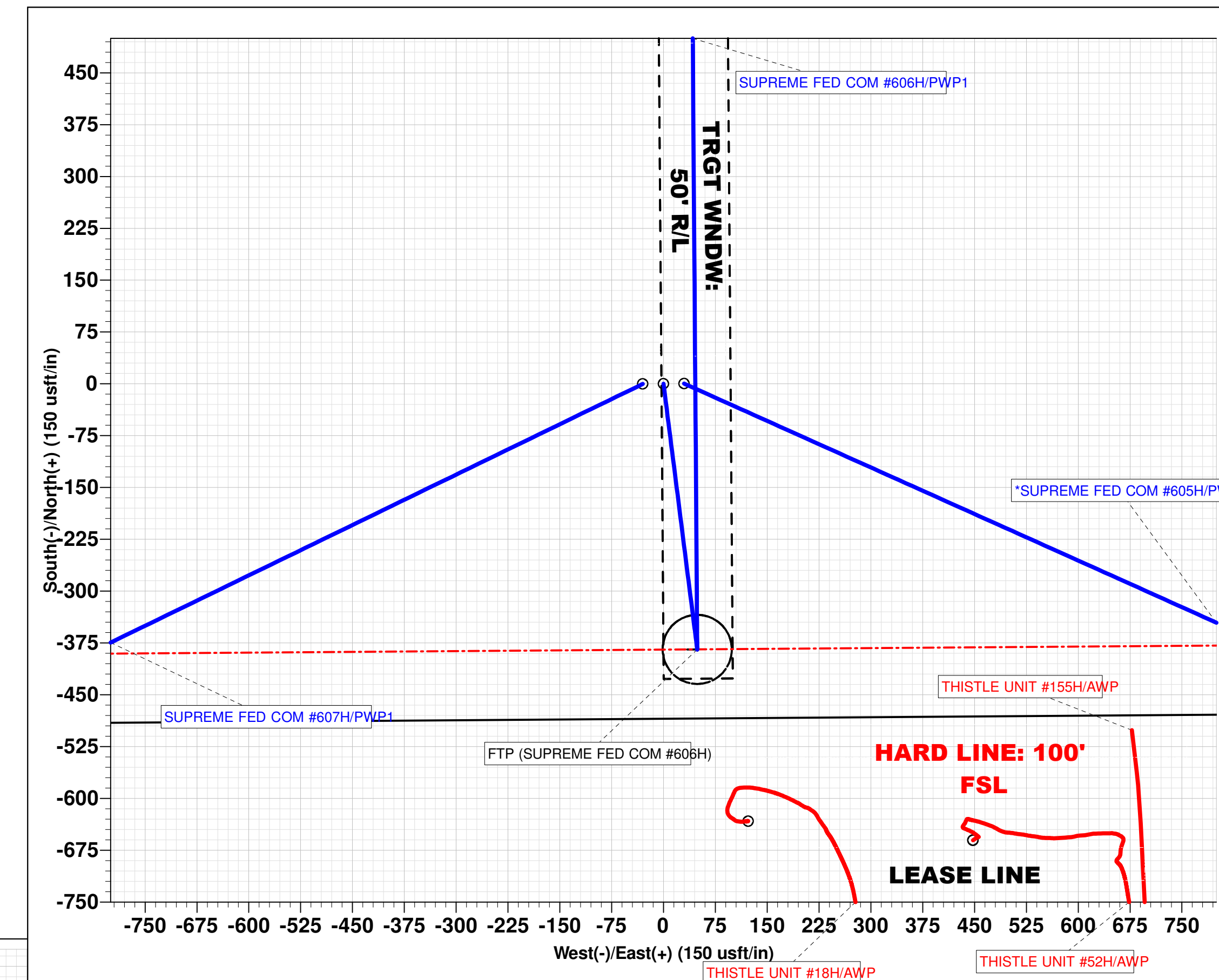
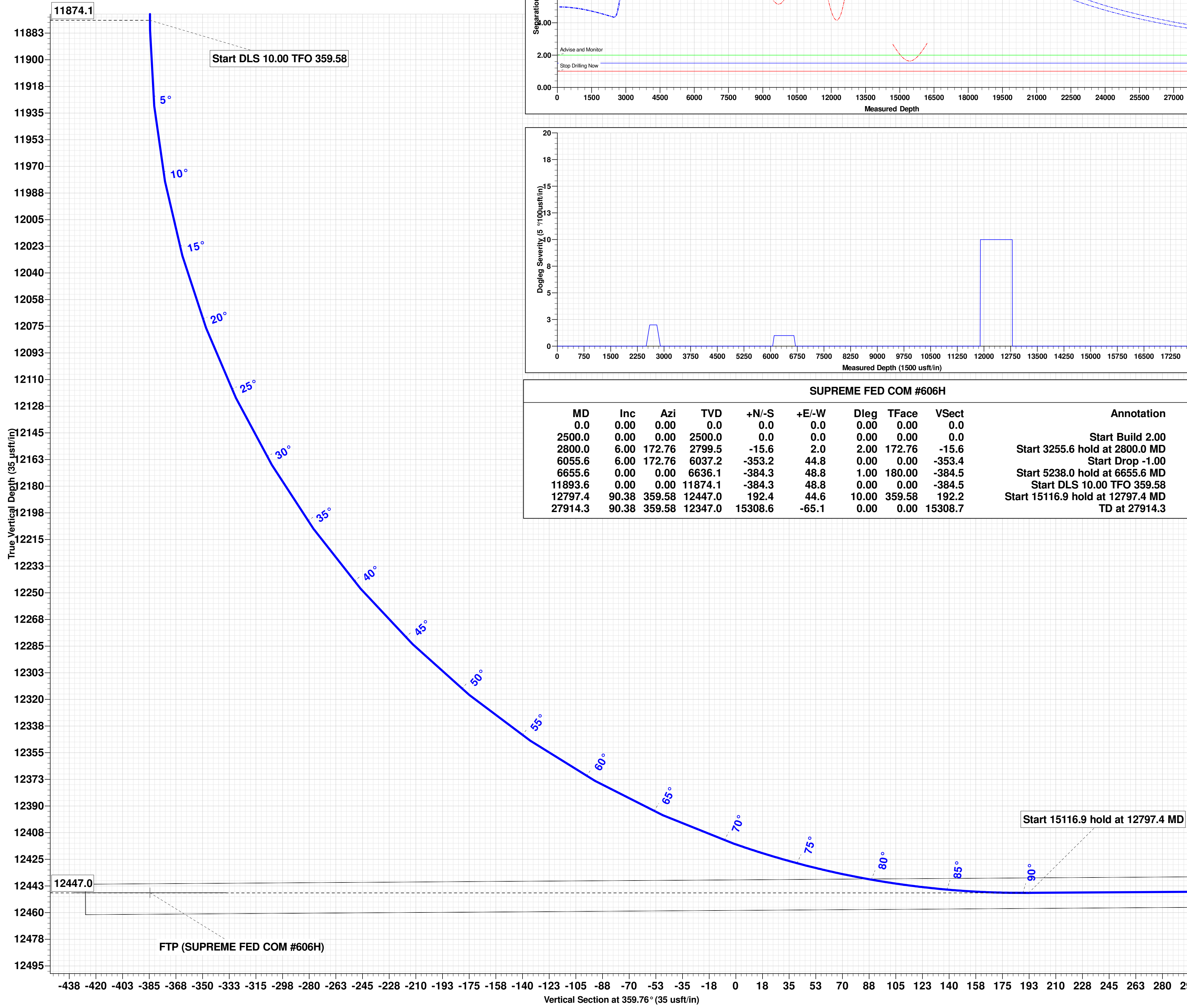
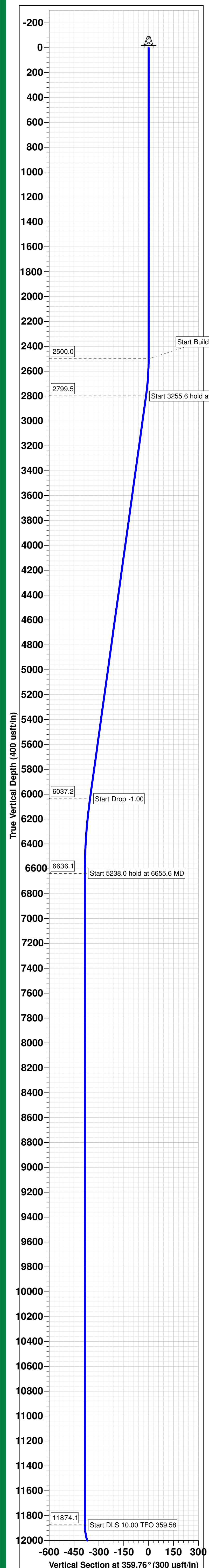
DESIGN TARGET DETAILS

Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
LTP (SUPREME FED COM #606H)	12347.0	15258.6	-64.7	483169.70	732436.90	32° 19' 33.981 N	103° 34' 51.089 W
PBHL (SUPREME FED COM #606H)	12347.0	15308.6	-65.1	483219.70	732436.50	32° 19' 34.476 N	103° 34' 51.089 W
FTP (SUPREME FED COM #606H)	12447.0	-384.3	48.8	467526.80	732550.40	32° 16' 59.180 N	103° 34' 51.046 W



SUPREME FED COM #606H

MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	Vsect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2500.0	0.00	0.00	2500.0	0.0	0.0	0.00	0.00	0.0	Start Build 2.00
2800.0	6.00	172.76	2799.5	-15.6	2.0	2.00	172.76	-15.6	Start 3255.6 hold at 2800.0 MD
6055.6	6.00	172.76	6037.2	-353.2	44.8	0.00	0.00	-353.4	Start Drop -1.00
6655.6	0.00	0.00	6636.1	-384.3	48.8	1.00	180.00	-384.5	Start 5238.0 hold at 6655.6 MD
11893.6	0.00	0.00	11874.1	-384.3	48.8	0.00	0.00	-384.5	Start DLS 10.00 TFO 359.58
12797.4	90.38	359.58	12447.0	192.4	44.6	10.00	359.58	192.2	Start 15116.9 hold at 12797.4 MD
27914.3	90.38	359.58	12347.0	15308.6	-65.1	0.00	0.00	15308.7	TD at 27914.3



TRGT WNDW:
10 A/B

Well Name: SUPREME FEDERAL COM	Well Location: T23S / R33E / SEC 21 / SESW /	County or Parish/State: /
Well Number: 606H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0068848	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549675	Well Status: Drilling Well	Operator: COG OPERATING LLC

Notice of Intent

Sundry ID: 2669817

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 05/03/2022	Time Sundry Submitted: 01:54
Date proposed operation will begin: 05/03/2022	

Procedure Description: COG Operating LLC respectfully requests approval for the following changes to the original approved APD. BHL Change From: 50' FNL & 1650' FWL Section 9. T23S. R33E. To: 50' FNL & 1386' FWL Section 9. T23S. R33E TD depth: 27,914'. See attached,

NOI Attachments

- Procedure Description**
- SUPREME_FEDERAL_COM_606H_Updated_C102_20220503134715.pdf
 - SUPREME_FED_COM_606H_PWP1_SVY_RPT_20220503134706.pdf
 - SUPREME_FED_COM_606H_PWP1_AC_RPT_20220503134654.pdf

Well Name: SUPREME FEDERAL COM	Well Location: T23S / R33E / SEC 21 / SESW /	County or Parish/State: /
Well Number: 606H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0068848	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549675	Well Status: Drilling Well	Operator: COG OPERATING LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: MAYTE REYES	Signed on: MAY 03, 2022 01:52 PM
Name: COG OPERATING LLC	
Title: Regulatory Analyst	
Street Address: 925 N ELDRIDGE PARKWAY	
City: HOUSTON	State: TX
Phone: (281) 293-1000	
Email address: MAYTE.X.REYES@CONOCOPHILLIPS.COM	

Field

Representative Name: Gerald Herrera		
Street Address: 2208 West Main Street		
City: Artesia	State: NM	Zip: 88210
Phone: (575)748-6940		
Email address: gerald.a.herrera@conocophillips.com		

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 05/20/2022
Signature: Chris Walls	

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 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 201969

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 201969
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	3/31/2023