

Well Name: SUPREME FEDERAL COM	Well Location: T23S / R33E / SEC 21 / SWSW /	County or Parish/State: /
Well Number: 607H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0068848	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549676	Well Status: Drilling Well	Operator: COG OPERATING LLC

Notice of Intent

Sundry ID: 2669823

Type of Submission: Notice of Intent

Date Sundry Submitted: 05/03/2022

Date proposed operation will begin: 05/03/2022

Type of Action: APD Change

Time Sundry Submitted: 02:12

Procedure Description: COG Operating LLC respectfully requests approval for the following changes to the original approved APD. BHL Change From: 50' FNL & 1000' FWL Section 9. T23S. R33E. To: 50' FNL & 462' FWL Section 9. T23S. R33E TD depth: 27,977' See attached.

NOI Attachments

- Procedure Description
- SUPREME_FEDERAL_COM_607H_Updated_C102_20220503141202.pdf
 - SUPREME_FED_COM_607H_PWP1_SVY_RPT_20220503141153.pdf
 - SUPREME_FED_COM_607H_PWP1_AC_RPT_20220503141142.pdf

Received by OCD: 3/29/2023 1:54:48 PM

Page 2 of 17

Well Name: SUPREME FEDERAL COM	Well Location: T23S / R33E / SEC 21 / SWSW /	County or Parish/State: /
Well Number: 607H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0068848	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549676	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 02:12 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) 476-3460 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 30-025-49676	Pool Code 96689	Pool Name BRINNINSTOOL; WOLFCAMP, WEST
Property Code	Property Name SUPREME FEDERAL COM	Well Number 607H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3691.9'

Surface Location

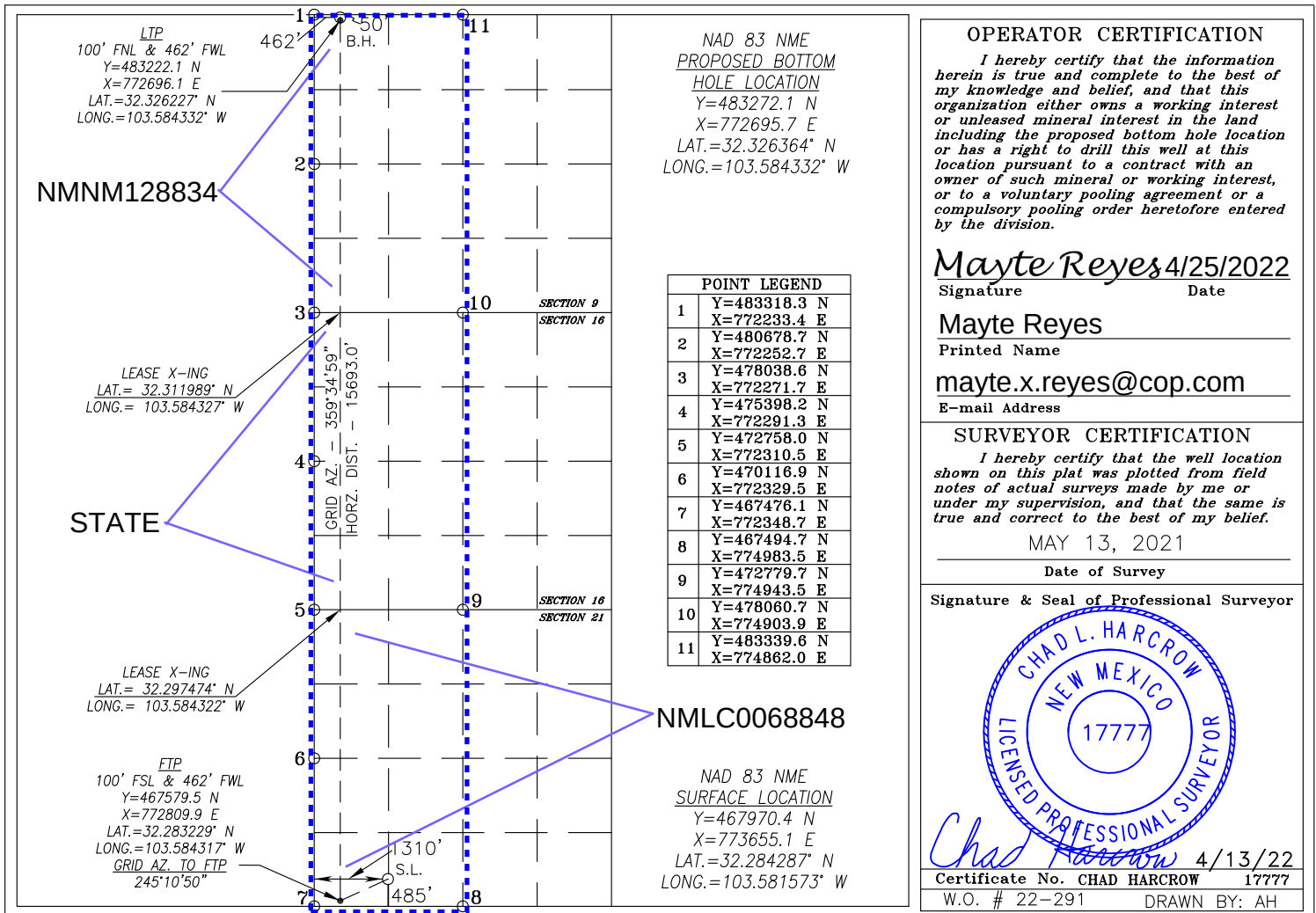
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	21	23-S	33-E		485	SOUTH	1310	WEST	LEA

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
D	9	23-S	33-E		50	NORTH	462	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
960			

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



DELAWARE BASIN EAST

**BULLDOG PROSPECT (NM-E)
SUPREME FED COM PROJECT
SUPREME FED COM #607H**

OWB

Plan: PWP1

Standard Survey Report

27 April, 2022

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #607H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Well:	SUPREME FED COM #607H	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 #607H		
Well Position	+N/-S	0.0 usft	Northing: 467,911.00 usft
	+E/-W	0.0 usft	Easting: 732,471.60 usft
Position Uncertainty	3.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 17' 2.988 N
		Longitude:	103° 34' 51.932 W
		Ground Level:	3,691.9 usft

Wellbore	OWB		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2020	6/7/2021	6.56
			Dip Angle (°)
			59.95
			Field Strength (nT)
			47,528.71196757

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 (°)
			356.41

Survey Tool Program	Date	4/27/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	11,830.0	PWP1 (OWB)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4
11,830.0	27,977.7	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

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #607H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Well:	SUPREME FED COM #607H	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	244.07	2,600.0	-0.8	-1.6	-0.7	2.00	2.00	0.00
2,700.0	4.00	244.07	2,699.8	-3.1	-6.3	-2.7	2.00	2.00	0.00
2,800.0	6.00	244.07	2,799.5	-6.9	-14.1	-6.0	2.00	2.00	0.00
2,900.0	8.00	244.07	2,898.7	-12.2	-25.1	-10.6	2.00	2.00	0.00
Start 6151.7 hold at 2900.0 MD									
3,000.0	8.00	244.07	2,997.7	-18.3	-37.6	-15.9	0.00	0.00	0.00
3,100.0	8.00	244.07	3,096.8	-24.4	-50.1	-21.2	0.00	0.00	0.00
3,200.0	8.00	244.07	3,195.8	-30.4	-62.6	-26.5	0.00	0.00	0.00
3,300.0	8.00	244.07	3,294.8	-36.5	-75.1	-31.8	0.00	0.00	0.00
3,400.0	8.00	244.07	3,393.8	-42.6	-87.7	-37.0	0.00	0.00	0.00
3,500.0	8.00	244.07	3,492.9	-48.7	-100.2	-42.3	0.00	0.00	0.00
3,600.0	8.00	244.07	3,591.9	-54.8	-112.7	-47.6	0.00	0.00	0.00
3,700.0	8.00	244.07	3,690.9	-60.9	-125.2	-52.9	0.00	0.00	0.00
3,800.0	8.00	244.07	3,789.9	-67.0	-137.7	-58.2	0.00	0.00	0.00
3,900.0	8.00	244.07	3,889.0	-73.0	-150.2	-63.5	0.00	0.00	0.00
4,000.0	8.00	244.07	3,988.0	-79.1	-162.8	-68.8	0.00	0.00	0.00
4,100.0	8.00	244.07	4,087.0	-85.2	-175.3	-74.1	0.00	0.00	0.00
4,200.0	8.00	244.07	4,186.0	-91.3	-187.8	-79.4	0.00	0.00	0.00
4,300.0	8.00	244.07	4,285.1	-97.4	-200.3	-84.7	0.00	0.00	0.00
4,400.0	8.00	244.07	4,384.1	-103.5	-212.8	-89.9	0.00	0.00	0.00
4,500.0	8.00	244.07	4,483.1	-109.5	-225.3	-95.2	0.00	0.00	0.00
4,600.0	8.00	244.07	4,582.2	-115.6	-237.9	-100.5	0.00	0.00	0.00
4,700.0	8.00	244.07	4,681.2	-121.7	-250.4	-105.8	0.00	0.00	0.00
4,800.0	8.00	244.07	4,780.2	-127.8	-262.9	-111.1	0.00	0.00	0.00
4,900.0	8.00	244.07	4,879.2	-133.9	-275.4	-116.4	0.00	0.00	0.00
5,000.0	8.00	244.07	4,978.3	-140.0	-287.9	-121.7	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #607H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Well:	SUPREME FED COM #607H	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	8.00	244.07	5,077.3	-146.1	-300.4	-127.0	0.00	0.00	0.00	
5,200.0	8.00	244.07	5,176.3	-152.1	-313.0	-132.3	0.00	0.00	0.00	
5,300.0	8.00	244.07	5,275.3	-158.2	-325.5	-137.6	0.00	0.00	0.00	
5,400.0	8.00	244.07	5,374.4	-164.3	-338.0	-142.9	0.00	0.00	0.00	
5,500.0	8.00	244.07	5,473.4	-170.4	-350.5	-148.1	0.00	0.00	0.00	
5,600.0	8.00	244.07	5,572.4	-176.5	-363.0	-153.4	0.00	0.00	0.00	
5,700.0	8.00	244.07	5,671.5	-182.6	-375.5	-158.7	0.00	0.00	0.00	
5,800.0	8.00	244.07	5,770.5	-188.7	-388.1	-164.0	0.00	0.00	0.00	
5,900.0	8.00	244.07	5,869.5	-194.7	-400.6	-169.3	0.00	0.00	0.00	
6,000.0	8.00	244.07	5,968.5	-200.8	-413.1	-174.6	0.00	0.00	0.00	
6,100.0	8.00	244.07	6,067.6	-206.9	-425.6	-179.9	0.00	0.00	0.00	
6,200.0	8.00	244.07	6,166.6	-213.0	-438.1	-185.2	0.00	0.00	0.00	
6,300.0	8.00	244.07	6,265.6	-219.1	-450.6	-190.5	0.00	0.00	0.00	
6,400.0	8.00	244.07	6,364.6	-225.2	-463.2	-195.8	0.00	0.00	0.00	
6,500.0	8.00	244.07	6,463.7	-231.2	-475.7	-201.0	0.00	0.00	0.00	
6,600.0	8.00	244.07	6,562.7	-237.3	-488.2	-206.3	0.00	0.00	0.00	
6,700.0	8.00	244.07	6,661.7	-243.4	-500.7	-211.6	0.00	0.00	0.00	
6,800.0	8.00	244.07	6,760.7	-249.5	-513.2	-216.9	0.00	0.00	0.00	
6,900.0	8.00	244.07	6,859.8	-255.6	-525.7	-222.2	0.00	0.00	0.00	
7,000.0	8.00	244.07	6,958.8	-261.7	-538.3	-227.5	0.00	0.00	0.00	
7,100.0	8.00	244.07	7,057.8	-267.8	-550.8	-232.8	0.00	0.00	0.00	
7,200.0	8.00	244.07	7,156.9	-273.8	-563.3	-238.1	0.00	0.00	0.00	
7,300.0	8.00	244.07	7,255.9	-279.9	-575.8	-243.4	0.00	0.00	0.00	
7,400.0	8.00	244.07	7,354.9	-286.0	-588.3	-248.7	0.00	0.00	0.00	
7,500.0	8.00	244.07	7,453.9	-292.1	-600.8	-253.9	0.00	0.00	0.00	
7,600.0	8.00	244.07	7,553.0	-298.2	-613.4	-259.2	0.00	0.00	0.00	
7,700.0	8.00	244.07	7,652.0	-304.3	-625.9	-264.5	0.00	0.00	0.00	
7,800.0	8.00	244.07	7,751.0	-310.4	-638.4	-269.8	0.00	0.00	0.00	
7,900.0	8.00	244.07	7,850.0	-316.4	-650.9	-275.1	0.00	0.00	0.00	
8,000.0	8.00	244.07	7,949.1	-322.5	-663.4	-280.4	0.00	0.00	0.00	
8,100.0	8.00	244.07	8,048.1	-328.6	-675.9	-285.7	0.00	0.00	0.00	
8,200.0	8.00	244.07	8,147.1	-334.7	-688.5	-291.0	0.00	0.00	0.00	
8,300.0	8.00	244.07	8,246.1	-340.8	-701.0	-296.3	0.00	0.00	0.00	
8,400.0	8.00	244.07	8,345.2	-346.9	-713.5	-301.6	0.00	0.00	0.00	
8,500.0	8.00	244.07	8,444.2	-352.9	-726.0	-306.8	0.00	0.00	0.00	
8,600.0	8.00	244.07	8,543.2	-359.0	-738.5	-312.1	0.00	0.00	0.00	
8,700.0	8.00	244.07	8,642.3	-365.1	-751.0	-317.4	0.00	0.00	0.00	
8,800.0	8.00	244.07	8,741.3	-371.2	-763.6	-322.7	0.00	0.00	0.00	
8,900.0	8.00	244.07	8,840.3	-377.3	-776.1	-328.0	0.00	0.00	0.00	
9,000.0	8.00	244.07	8,939.3	-383.4	-788.6	-333.3	0.00	0.00	0.00	
9,051.7	8.00	244.07	8,990.5	-386.5	-795.1	-336.0	0.00	0.00	0.00	
Start Drop -1.00										
9,100.0	7.52	244.07	9,038.4	-389.4	-800.9	-338.5	1.00	-1.00	0.00	
9,200.0	6.52	244.07	9,137.6	-394.7	-811.9	-343.2	1.00	-1.00	0.00	

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #607H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Well:	SUPREME FED COM #607H	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)	
9,300.0	5.52	244.07	9,237.1	-399.3	-821.3	-347.1	1.00	-1.00	0.00	
9,400.0	4.52	244.07	9,336.7	-403.1	-829.2	-350.5	1.00	-1.00	0.00	
9,500.0	3.52	244.07	9,436.5	-406.2	-835.5	-353.1	1.00	-1.00	0.00	
9,600.0	2.52	244.07	9,536.3	-408.5	-840.2	-355.1	1.00	-1.00	0.00	
9,700.0	1.52	244.07	9,636.3	-410.0	-843.4	-356.5	1.00	-1.00	0.00	
9,800.0	0.52	244.07	9,736.2	-410.8	-845.0	-357.1	1.00	-1.00	0.00	
9,851.7	0.00	0.00	9,788.0	-410.9	-845.2	-357.2	1.00	-1.00	0.00	
Start 2086.1 hold at 9851.7 MD										
9,900.0	0.00	0.00	9,836.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
10,000.0	0.00	0.00	9,936.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
10,100.0	0.00	0.00	10,036.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
10,200.0	0.00	0.00	10,136.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
10,300.0	0.00	0.00	10,236.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
10,400.0	0.00	0.00	10,336.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
10,500.0	0.00	0.00	10,436.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
10,600.0	0.00	0.00	10,536.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
10,700.0	0.00	0.00	10,636.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
10,800.0	0.00	0.00	10,736.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
10,900.0	0.00	0.00	10,836.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
11,000.0	0.00	0.00	10,936.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
11,100.0	0.00	0.00	11,036.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
11,200.0	0.00	0.00	11,136.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
11,300.0	0.00	0.00	11,236.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
11,400.0	0.00	0.00	11,336.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
11,500.0	0.00	0.00	11,436.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
11,600.0	0.00	0.00	11,536.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
11,700.0	0.00	0.00	11,636.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
11,800.0	0.00	0.00	11,736.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
11,900.0	0.00	0.00	11,836.2	-410.9	-845.2	-357.2	0.00	0.00	0.00	
11,937.9	0.00	0.00	11,874.1	-410.9	-845.2	-357.2	0.00	0.00	0.00	
Start DLS 10.00 TFO 359.59										
11,950.0	1.21	359.59	11,886.2	-410.8	-845.2	-357.1	10.00	10.00	0.00	
12,000.0	6.21	359.59	11,936.1	-407.5	-845.2	-353.9	10.00	10.00	0.00	
12,050.0	11.21	359.59	11,985.5	-400.0	-845.3	-346.3	10.00	10.00	0.00	
12,100.0	16.21	359.59	12,034.1	-388.1	-845.4	-334.5	10.00	10.00	0.00	
12,150.0	21.21	359.59	12,081.4	-372.1	-845.5	-318.5	10.00	10.00	0.00	
12,200.0	26.21	359.59	12,127.2	-352.0	-845.6	-298.4	10.00	10.00	0.00	
12,250.0	31.21	359.59	12,171.0	-328.0	-845.8	-274.4	10.00	10.00	0.00	
12,300.0	36.21	359.59	12,212.6	-300.2	-846.0	-246.7	10.00	10.00	0.00	
12,350.0	41.21	359.59	12,251.6	-269.0	-846.2	-215.5	10.00	10.00	0.00	
12,400.0	46.21	359.59	12,287.7	-234.4	-846.5	-181.0	10.00	10.00	0.00	
12,450.0	51.21	359.59	12,320.7	-196.9	-846.8	-143.5	10.00	10.00	0.00	
12,500.0	56.21	359.59	12,350.3	-156.6	-847.0	-103.3	10.00	10.00	0.00	

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #607H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Well:	SUPREME FED COM #607H	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	61.21	359.59	12,376.3	-113.9	-847.4	-60.6	10.00	10.00	0.00	
12,600.0	66.21	359.59	12,398.4	-69.0	-847.7	-15.9	10.00	10.00	0.00	
12,650.0	71.21	359.59	12,416.5	-22.5	-848.0	30.6	10.00	10.00	0.00	
12,700.0	76.21	359.59	12,430.6	25.5	-848.4	78.5	10.00	10.00	0.00	
12,750.0	81.21	359.59	12,440.3	74.5	-848.7	127.5	10.00	10.00	0.00	
12,800.0	86.21	359.59	12,445.8	124.2	-849.1	177.1	10.00	10.00	0.00	
12,841.7	90.38	359.59	12,447.0	165.8	-849.4	218.6	10.00	10.00	0.00	
Start 15136.1 hold at 12841.7 MD										
12,900.0	90.38	359.59	12,446.7	224.2	-849.8	276.9	0.00	0.00	0.00	
13,000.0	90.38	359.59	12,446.0	324.2	-850.5	376.7	0.00	0.00	0.00	
13,100.0	90.38	359.59	12,445.3	424.2	-851.3	476.6	0.00	0.00	0.00	
13,200.0	90.38	359.59	12,444.7	524.2	-852.0	576.4	0.00	0.00	0.00	
13,300.0	90.38	359.59	12,444.0	624.2	-852.7	676.3	0.00	0.00	0.00	
13,400.0	90.38	359.59	12,443.4	724.2	-853.4	776.1	0.00	0.00	0.00	
13,500.0	90.38	359.59	12,442.7	824.1	-854.2	876.0	0.00	0.00	0.00	
13,600.0	90.38	359.59	12,442.0	924.1	-854.9	975.8	0.00	0.00	0.00	
13,700.0	90.38	359.59	12,441.4	1,024.1	-855.6	1,075.7	0.00	0.00	0.00	
13,800.0	90.38	359.59	12,440.7	1,124.1	-856.3	1,175.5	0.00	0.00	0.00	
13,900.0	90.38	359.59	12,440.0	1,224.1	-857.0	1,275.3	0.00	0.00	0.00	
14,000.0	90.38	359.59	12,439.4	1,324.1	-857.8	1,375.2	0.00	0.00	0.00	
14,100.0	90.38	359.59	12,438.7	1,424.1	-858.5	1,475.0	0.00	0.00	0.00	
14,200.0	90.38	359.59	12,438.1	1,524.1	-859.2	1,574.9	0.00	0.00	0.00	
14,300.0	90.38	359.59	12,437.4	1,624.1	-859.9	1,674.7	0.00	0.00	0.00	
14,400.0	90.38	359.59	12,436.7	1,724.1	-860.7	1,774.6	0.00	0.00	0.00	
14,500.0	90.38	359.59	12,436.1	1,824.1	-861.4	1,874.4	0.00	0.00	0.00	
14,600.0	90.38	359.59	12,435.4	1,924.1	-862.1	1,974.3	0.00	0.00	0.00	
14,700.0	90.38	359.59	12,434.8	2,024.1	-862.8	2,074.1	0.00	0.00	0.00	
14,800.0	90.38	359.59	12,434.1	2,124.1	-863.6	2,173.9	0.00	0.00	0.00	
14,900.0	90.38	359.59	12,433.4	2,224.1	-864.3	2,273.8	0.00	0.00	0.00	
15,000.0	90.38	359.59	12,432.8	2,324.1	-865.0	2,373.6	0.00	0.00	0.00	
15,100.0	90.38	359.59	12,432.1	2,424.1	-865.7	2,473.5	0.00	0.00	0.00	
15,200.0	90.38	359.59	12,431.5	2,524.1	-866.5	2,573.3	0.00	0.00	0.00	
15,300.0	90.38	359.59	12,430.8	2,624.1	-867.2	2,673.2	0.00	0.00	0.00	
15,400.0	90.38	359.59	12,430.1	2,724.1	-867.9	2,773.0	0.00	0.00	0.00	
15,500.0	90.38	359.59	12,429.5	2,824.1	-868.6	2,872.9	0.00	0.00	0.00	
15,600.0	90.38	359.59	12,428.8	2,924.0	-869.4	2,972.7	0.00	0.00	0.00	
15,700.0	90.38	359.59	12,428.2	3,024.0	-870.1	3,072.5	0.00	0.00	0.00	
15,800.0	90.38	359.59	12,427.5	3,124.0	-870.8	3,172.4	0.00	0.00	0.00	
15,900.0	90.38	359.59	12,426.8	3,224.0	-871.5	3,272.2	0.00	0.00	0.00	
16,000.0	90.38	359.59	12,426.2	3,324.0	-872.3	3,372.1	0.00	0.00	0.00	
16,100.0	90.38	359.59	12,425.5	3,424.0	-873.0	3,471.9	0.00	0.00	0.00	
16,200.0	90.38	359.59	12,424.8	3,524.0	-873.7	3,571.8	0.00	0.00	0.00	
16,300.0	90.38	359.59	12,424.2	3,624.0	-874.4	3,671.6	0.00	0.00	0.00	
16,400.0	90.38	359.59	12,423.5	3,724.0	-875.2	3,771.5	0.00	0.00	0.00	

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #607H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Well:	SUPREME FED COM #607H	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	359.59	12,422.9	3,824.0	-875.9	3,871.3	0.00	0.00	0.00
16,600.0	90.38	359.59	12,422.2	3,924.0	-876.6	3,971.1	0.00	0.00	0.00
16,700.0	90.38	359.59	12,421.5	4,024.0	-877.3	4,071.0	0.00	0.00	0.00
16,800.0	90.38	359.59	12,420.9	4,124.0	-878.0	4,170.8	0.00	0.00	0.00
16,900.0	90.38	359.59	12,420.2	4,224.0	-878.8	4,270.7	0.00	0.00	0.00
17,000.0	90.38	359.59	12,419.6	4,324.0	-879.5	4,370.5	0.00	0.00	0.00
17,100.0	90.38	359.59	12,418.9	4,424.0	-880.2	4,470.4	0.00	0.00	0.00
17,200.0	90.38	359.59	12,418.2	4,524.0	-880.9	4,570.2	0.00	0.00	0.00
17,300.0	90.38	359.59	12,417.6	4,624.0	-881.7	4,670.1	0.00	0.00	0.00
17,400.0	90.38	359.59	12,416.9	4,724.0	-882.4	4,769.9	0.00	0.00	0.00
17,500.0	90.38	359.59	12,416.3	4,824.0	-883.1	4,869.7	0.00	0.00	0.00
17,600.0	90.38	359.59	12,415.6	4,924.0	-883.8	4,969.6	0.00	0.00	0.00
17,700.0	90.38	359.59	12,414.9	5,023.9	-884.6	5,069.4	0.00	0.00	0.00
17,800.0	90.38	359.59	12,414.3	5,123.9	-885.3	5,169.3	0.00	0.00	0.00
17,900.0	90.38	359.59	12,413.6	5,223.9	-886.0	5,269.1	0.00	0.00	0.00
18,000.0	90.38	359.59	12,412.9	5,323.9	-886.7	5,369.0	0.00	0.00	0.00
18,100.0	90.38	359.59	12,412.3	5,423.9	-887.5	5,468.8	0.00	0.00	0.00
18,200.0	90.38	359.59	12,411.6	5,523.9	-888.2	5,568.7	0.00	0.00	0.00
18,300.0	90.38	359.59	12,411.0	5,623.9	-888.9	5,668.5	0.00	0.00	0.00
18,400.0	90.38	359.59	12,410.3	5,723.9	-889.6	5,768.4	0.00	0.00	0.00
18,500.0	90.38	359.59	12,409.6	5,823.9	-890.4	5,868.2	0.00	0.00	0.00
18,600.0	90.38	359.59	12,409.0	5,923.9	-891.1	5,968.0	0.00	0.00	0.00
18,700.0	90.38	359.59	12,408.3	6,023.9	-891.8	6,067.9	0.00	0.00	0.00
18,800.0	90.38	359.59	12,407.7	6,123.9	-892.5	6,167.7	0.00	0.00	0.00
18,900.0	90.38	359.59	12,407.0	6,223.9	-893.3	6,267.6	0.00	0.00	0.00
19,000.0	90.38	359.59	12,406.3	6,323.9	-894.0	6,367.4	0.00	0.00	0.00
19,100.0	90.38	359.59	12,405.7	6,423.9	-894.7	6,467.3	0.00	0.00	0.00
19,200.0	90.38	359.59	12,405.0	6,523.9	-895.4	6,567.1	0.00	0.00	0.00
19,300.0	90.38	359.59	12,404.4	6,623.9	-896.2	6,667.0	0.00	0.00	0.00
19,400.0	90.38	359.59	12,403.7	6,723.9	-896.9	6,766.8	0.00	0.00	0.00
19,500.0	90.38	359.59	12,403.0	6,823.9	-897.6	6,866.6	0.00	0.00	0.00
19,600.0	90.38	359.59	12,402.4	6,923.9	-898.3	6,966.5	0.00	0.00	0.00
19,700.0	90.38	359.59	12,401.7	7,023.8	-899.1	7,066.3	0.00	0.00	0.00
19,800.0	90.38	359.59	12,401.1	7,123.8	-899.8	7,166.2	0.00	0.00	0.00
19,900.0	90.38	359.59	12,400.4	7,223.8	-900.5	7,266.0	0.00	0.00	0.00
20,000.0	90.38	359.59	12,399.7	7,323.8	-901.2	7,365.9	0.00	0.00	0.00
20,100.0	90.38	359.59	12,399.1	7,423.8	-901.9	7,465.7	0.00	0.00	0.00
20,200.0	90.38	359.59	12,398.4	7,523.8	-902.7	7,565.6	0.00	0.00	0.00
20,300.0	90.38	359.59	12,397.7	7,623.8	-903.4	7,665.4	0.00	0.00	0.00
20,400.0	90.38	359.59	12,397.1	7,723.8	-904.1	7,765.2	0.00	0.00	0.00
20,500.0	90.38	359.59	12,396.4	7,823.8	-904.8	7,865.1	0.00	0.00	0.00
20,600.0	90.38	359.59	12,395.8	7,923.8	-905.6	7,964.9	0.00	0.00	0.00
20,700.0	90.38	359.59	12,395.1	8,023.8	-906.3	8,064.8	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #607H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Well:	SUPREME FED COM #607H	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	359.59	12,394.4	8,123.8	-907.0	8,164.6	0.00	0.00	0.00
20,900.0	90.38	359.59	12,393.8	8,223.8	-907.7	8,264.5	0.00	0.00	0.00
21,000.0	90.38	359.59	12,393.1	8,323.8	-908.5	8,364.3	0.00	0.00	0.00
21,100.0	90.38	359.59	12,392.5	8,423.8	-909.2	8,464.2	0.00	0.00	0.00
21,200.0	90.38	359.59	12,391.8	8,523.8	-909.9	8,564.0	0.00	0.00	0.00
21,300.0	90.38	359.59	12,391.1	8,623.8	-910.6	8,663.8	0.00	0.00	0.00
21,400.0	90.38	359.59	12,390.5	8,723.8	-911.4	8,763.7	0.00	0.00	0.00
21,500.0	90.38	359.59	12,389.8	8,823.8	-912.1	8,863.5	0.00	0.00	0.00
21,600.0	90.38	359.59	12,389.2	8,923.8	-912.8	8,963.4	0.00	0.00	0.00
21,700.0	90.38	359.59	12,388.5	9,023.8	-913.5	9,063.2	0.00	0.00	0.00
21,800.0	90.38	359.59	12,387.8	9,123.7	-914.3	9,163.1	0.00	0.00	0.00
21,900.0	90.38	359.59	12,387.2	9,223.7	-915.0	9,262.9	0.00	0.00	0.00
22,000.0	90.38	359.59	12,386.5	9,323.7	-915.7	9,362.8	0.00	0.00	0.00
22,100.0	90.38	359.59	12,385.9	9,423.7	-916.4	9,462.6	0.00	0.00	0.00
22,200.0	90.38	359.59	12,385.2	9,523.7	-917.2	9,562.4	0.00	0.00	0.00
22,300.0	90.38	359.59	12,384.5	9,623.7	-917.9	9,662.3	0.00	0.00	0.00
22,400.0	90.38	359.59	12,383.9	9,723.7	-918.6	9,762.1	0.00	0.00	0.00
22,500.0	90.38	359.59	12,383.2	9,823.7	-919.3	9,862.0	0.00	0.00	0.00
22,600.0	90.38	359.59	12,382.5	9,923.7	-920.1	9,961.8	0.00	0.00	0.00
22,700.0	90.38	359.59	12,381.9	10,023.7	-920.8	10,061.7	0.00	0.00	0.00
22,800.0	90.38	359.59	12,381.2	10,123.7	-921.5	10,161.5	0.00	0.00	0.00
22,900.0	90.38	359.59	12,380.6	10,223.7	-922.2	10,261.4	0.00	0.00	0.00
23,000.0	90.38	359.59	12,379.9	10,323.7	-923.0	10,361.2	0.00	0.00	0.00
23,100.0	90.38	359.59	12,379.2	10,423.7	-923.7	10,461.1	0.00	0.00	0.00
23,200.0	90.38	359.59	12,378.6	10,523.7	-924.4	10,560.9	0.00	0.00	0.00
23,300.0	90.38	359.59	12,377.9	10,623.7	-925.1	10,660.7	0.00	0.00	0.00
23,400.0	90.38	359.59	12,377.3	10,723.7	-925.8	10,760.6	0.00	0.00	0.00
23,500.0	90.38	359.59	12,376.6	10,823.7	-926.6	10,860.4	0.00	0.00	0.00
23,600.0	90.38	359.59	12,375.9	10,923.7	-927.3	10,960.3	0.00	0.00	0.00
23,700.0	90.38	359.59	12,375.3	11,023.7	-928.0	11,060.1	0.00	0.00	0.00
23,800.0	90.38	359.59	12,374.6	11,123.7	-928.7	11,160.0	0.00	0.00	0.00
23,900.0	90.38	359.59	12,374.0	11,223.6	-929.5	11,259.8	0.00	0.00	0.00
24,000.0	90.38	359.59	12,373.3	11,323.6	-930.2	11,359.7	0.00	0.00	0.00
24,100.0	90.38	359.59	12,372.6	11,423.6	-930.9	11,459.5	0.00	0.00	0.00
24,200.0	90.38	359.59	12,372.0	11,523.6	-931.6	11,559.3	0.00	0.00	0.00
24,300.0	90.38	359.59	12,371.3	11,623.6	-932.4	11,659.2	0.00	0.00	0.00
24,400.0	90.38	359.59	12,370.6	11,723.6	-933.1	11,759.0	0.00	0.00	0.00
24,500.0	90.38	359.59	12,370.0	11,823.6	-933.8	11,858.9	0.00	0.00	0.00
24,600.0	90.38	359.59	12,369.3	11,923.6	-934.5	11,958.7	0.00	0.00	0.00
24,700.0	90.38	359.59	12,368.7	12,023.6	-935.3	12,058.6	0.00	0.00	0.00
24,800.0	90.38	359.59	12,368.0	12,123.6	-936.0	12,158.4	0.00	0.00	0.00
24,900.0	90.38	359.59	12,367.3	12,223.6	-936.7	12,258.3	0.00	0.00	0.00
25,000.0	90.38	359.59	12,366.7	12,323.6	-937.4	12,358.1	0.00	0.00	0.00
25,100.0	90.38	359.59	12,366.0	12,423.6	-938.2	12,457.9	0.00	0.00	0.00

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #607H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Well:	SUPREME FED COM #607H	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	359.59	12,365.4	12,523.6	-938.9	12,557.8	0.00	0.00	0.00
25,300.0	90.38	359.59	12,364.7	12,623.6	-939.6	12,657.6	0.00	0.00	0.00
25,400.0	90.38	359.59	12,364.0	12,723.6	-940.3	12,757.5	0.00	0.00	0.00
25,500.0	90.38	359.59	12,363.4	12,823.6	-941.1	12,857.3	0.00	0.00	0.00
25,600.0	90.38	359.59	12,362.7	12,923.6	-941.8	12,957.2	0.00	0.00	0.00
25,700.0	90.38	359.59	12,362.1	13,023.6	-942.5	13,057.0	0.00	0.00	0.00
25,800.0	90.38	359.59	12,361.4	13,123.6	-943.2	13,156.9	0.00	0.00	0.00
25,900.0	90.38	359.59	12,360.7	13,223.6	-944.0	13,256.7	0.00	0.00	0.00
26,000.0	90.38	359.59	12,360.1	13,323.5	-944.7	13,356.5	0.00	0.00	0.00
26,100.0	90.38	359.59	12,359.4	13,423.5	-945.4	13,456.4	0.00	0.00	0.00
26,200.0	90.38	359.59	12,358.8	13,523.5	-946.1	13,556.2	0.00	0.00	0.00
26,300.0	90.38	359.59	12,358.1	13,623.5	-946.8	13,656.1	0.00	0.00	0.00
26,400.0	90.38	359.59	12,357.4	13,723.5	-947.6	13,755.9	0.00	0.00	0.00
26,500.0	90.38	359.59	12,356.8	13,823.5	-948.3	13,855.8	0.00	0.00	0.00
26,600.0	90.38	359.59	12,356.1	13,923.5	-949.0	13,955.6	0.00	0.00	0.00
26,700.0	90.38	359.59	12,355.4	14,023.5	-949.7	14,055.5	0.00	0.00	0.00
26,800.0	90.38	359.59	12,354.8	14,123.5	-950.5	14,155.3	0.00	0.00	0.00
26,900.0	90.38	359.59	12,354.1	14,223.5	-951.2	14,255.1	0.00	0.00	0.00
27,000.0	90.38	359.59	12,353.5	14,323.5	-951.9	14,355.0	0.00	0.00	0.00
27,100.0	90.38	359.59	12,352.8	14,423.5	-952.6	14,454.8	0.00	0.00	0.00
27,200.0	90.38	359.59	12,352.1	14,523.5	-953.4	14,554.7	0.00	0.00	0.00
27,300.0	90.38	359.59	12,351.5	14,623.5	-954.1	14,654.5	0.00	0.00	0.00
27,400.0	90.38	359.59	12,350.8	14,723.5	-954.8	14,754.4	0.00	0.00	0.00
27,500.0	90.38	359.59	12,350.2	14,823.5	-955.5	14,854.2	0.00	0.00	0.00
27,600.0	90.38	359.59	12,349.5	14,923.5	-956.3	14,954.1	0.00	0.00	0.00
27,700.0	90.38	359.59	12,348.8	15,023.5	-957.0	15,053.9	0.00	0.00	0.00
27,800.0	90.38	359.59	12,348.2	15,123.5	-957.7	15,153.8	0.00	0.00	0.00
27,900.0	90.38	359.59	12,347.5	15,223.5	-958.4	15,253.6	0.00	0.00	0.00
27,977.7	90.38	359.59	12,347.0	15,301.2	-959.0	15,331.2	0.00	0.00	0.00
TD at 27977.7									

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	Local Co-ordinate Reference:	Well SUPREME FED COM #607H
Project:	BULLDOG PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Site:	SUPREME FED COM PROJECT	MD Reference:	KB=30' @ 3721.9usft (SCAN QUEST)
Well:	SUPREME FED COM #607H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	PWP1	Database:	EDT 15 Central Prod

Design Targets

Target Name

- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
PBHL (SUPREME FE - plan hits target center - Rectangle (sides W100.0 H15,736.0 D20.0)	0.38	179.58	12,347.0	15,301.2	-959.0	483,212.20	731,512.60	32° 19' 34.466 N	103° 35' 1.857 W
LTP (SUPREME FED - plan misses target center by 27.8usft at 27900.0usft MD (12347.5 TVD, 15223.5 N, -958.4 E) - Point	0.00	0.00	12,347.0	15,251.2	-958.7	483,162.20	731,512.90	32° 19' 33.971 N	103° 35' 1.857 W
FTP (SUPREME FED - plan misses target center by 223.3usft at 12400.0usft MD (12287.7 TVD, -234.4 N, -846.5 E) - Circle (radius 50.0)	0.00	0.00	12,447.0	-390.9	-845.2	467,520.10	731,626.40	32° 16' 59.178 N	103° 35' 1.809 W

Plan Annotations

Measured Depth	Vertical Depth	Local Coordinates		Comment
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)	
2500	2500	0	0	Start Build 2.00
2900	2899	-12	-25	Start 6151.7 hold at 2900.0 MD
9052	8991	-387	-795	Start Drop -1.00
9852	9788	-411	-845	Start 2086.1 hold at 9851.7 MD
11,938	11,874	-411	-845	Start DLS 10.00 TFO 359.59
12,842	12,447	166	-849	Start 15136.1 hold at 12841.7 MD
27,978	12,347	15,301	-959	TD at 27977.7

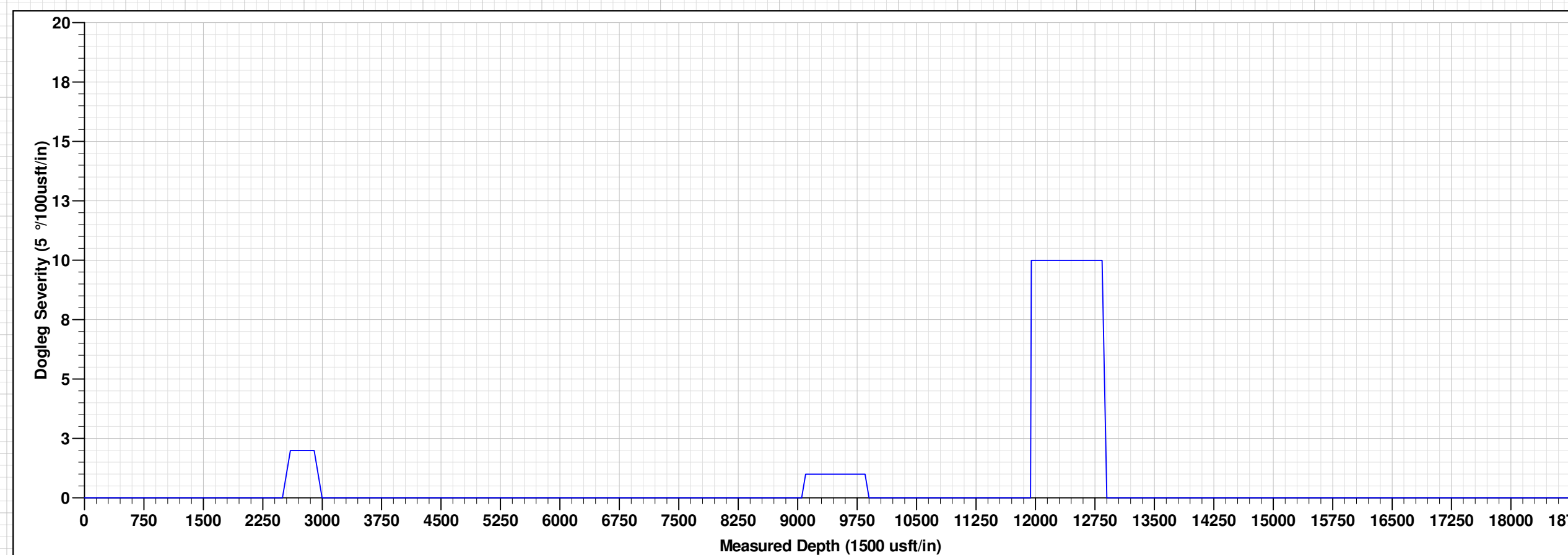
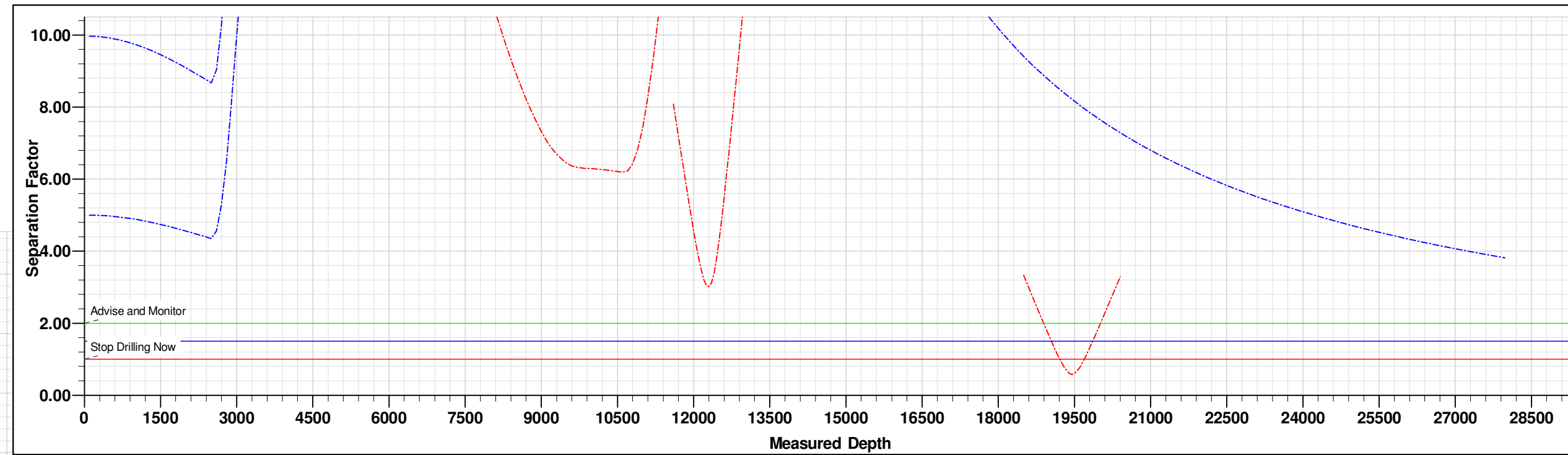
Checked By: _____ Approved By: _____ Date: _____



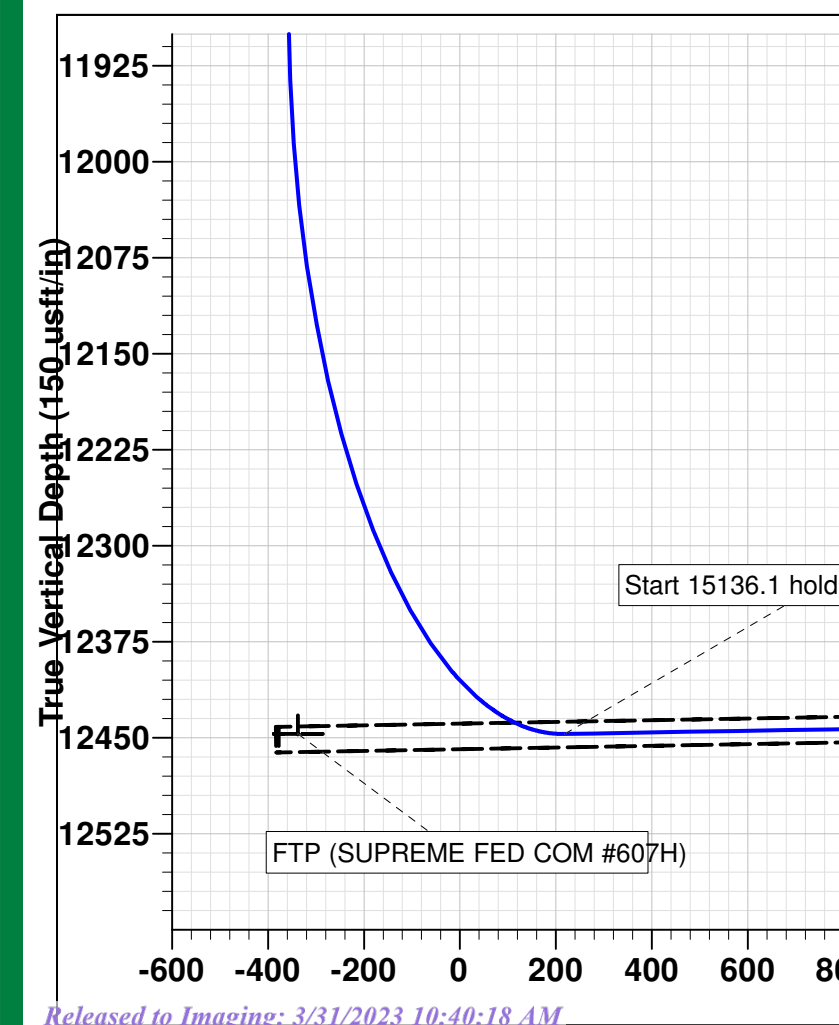
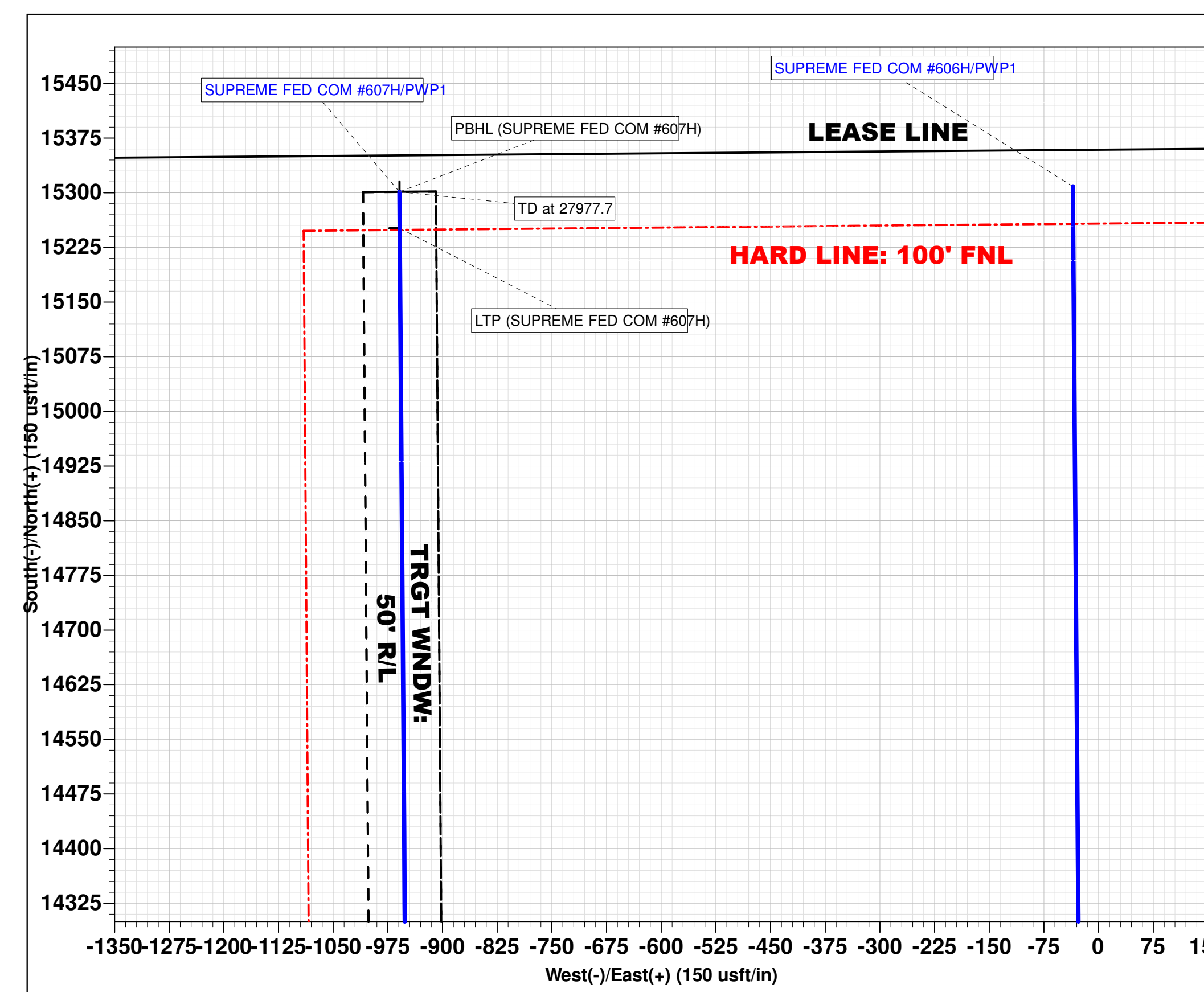
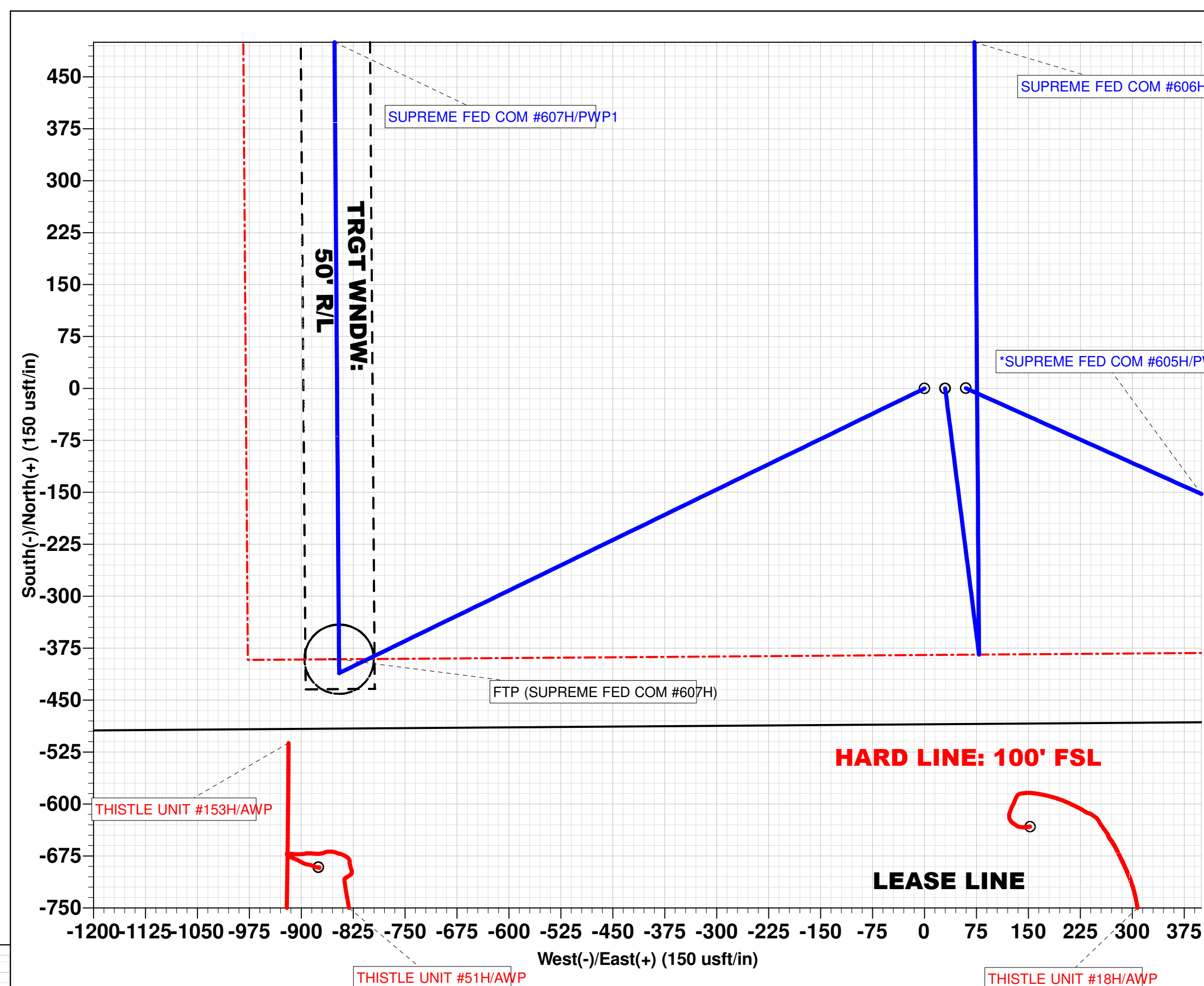
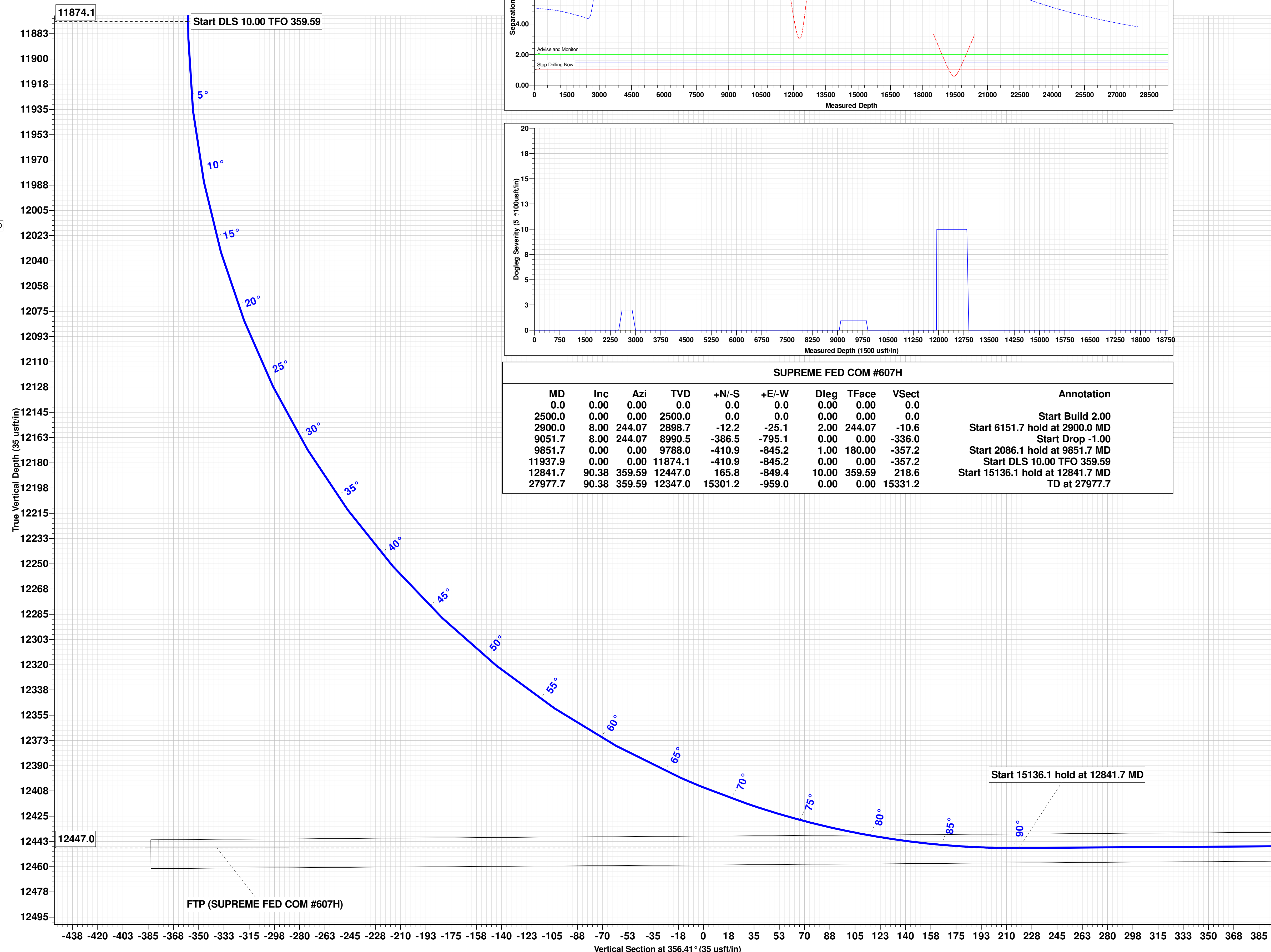
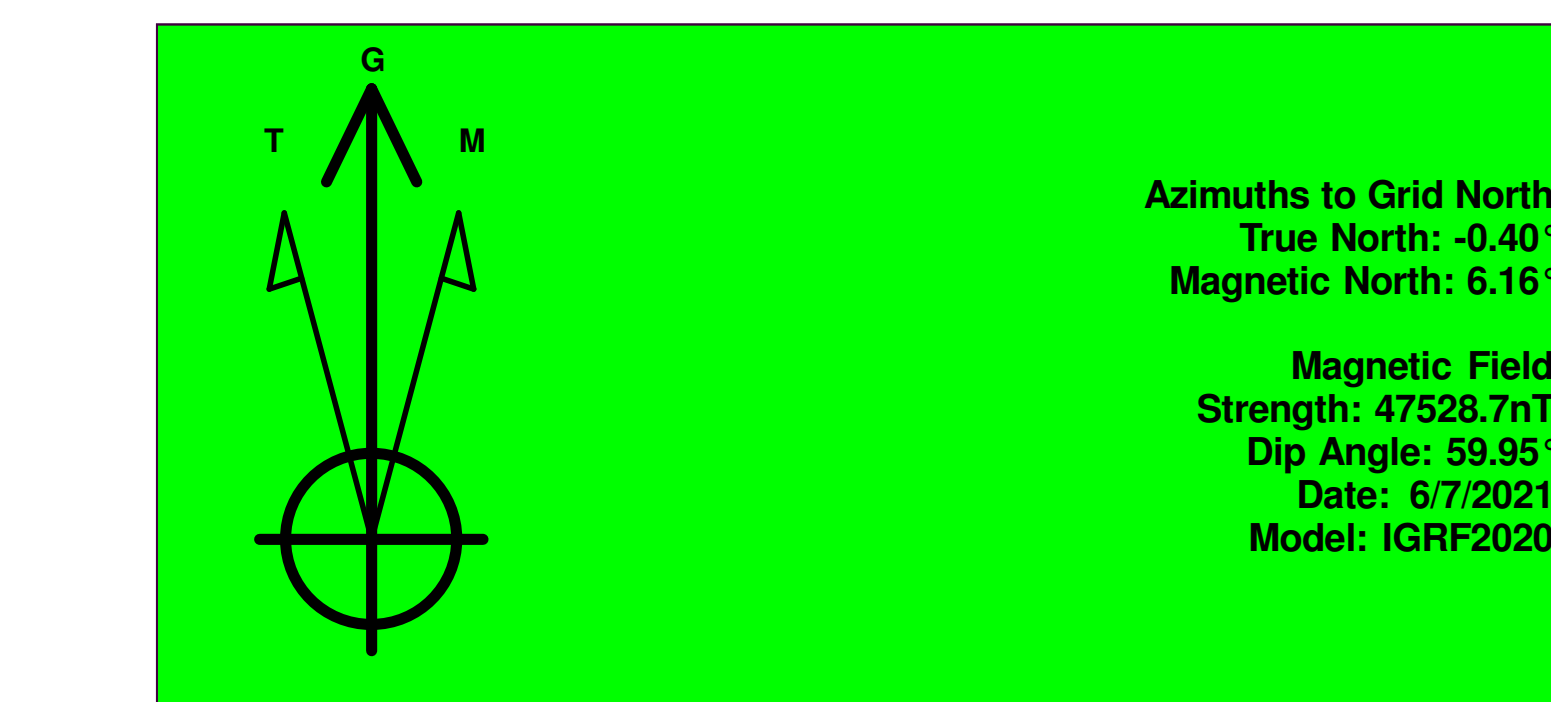
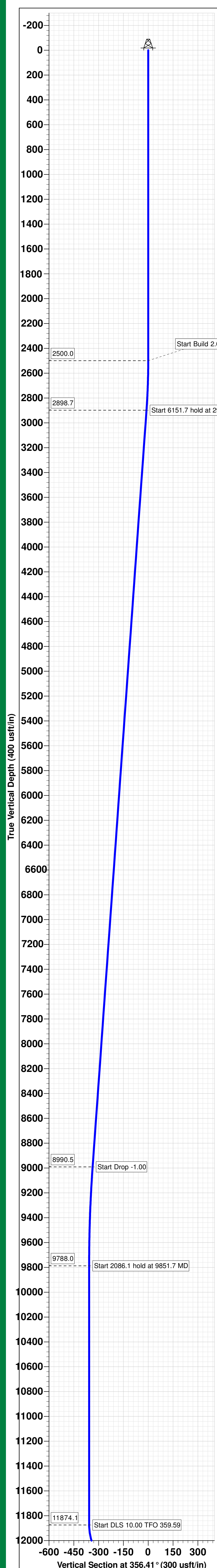
Project: BULLDOG PROSPECT (NM-E)
Site: SUPREME FED COM PROJECT
Well: SUPREME FED COM #607H
Wellbore: OWB
Design: PWP1
GL: 3691.9
KB=30' @ 3721.9usft (SCAN QUEST)

WELL DETAILS: SUPREME FED COM #607H					
+N-S	+E-W	Northing	Easting	Latitude	Longitude
0.0	0.0	467911.00	732471.60	32° 17' 2.988 N	103° 34' 51.932 W

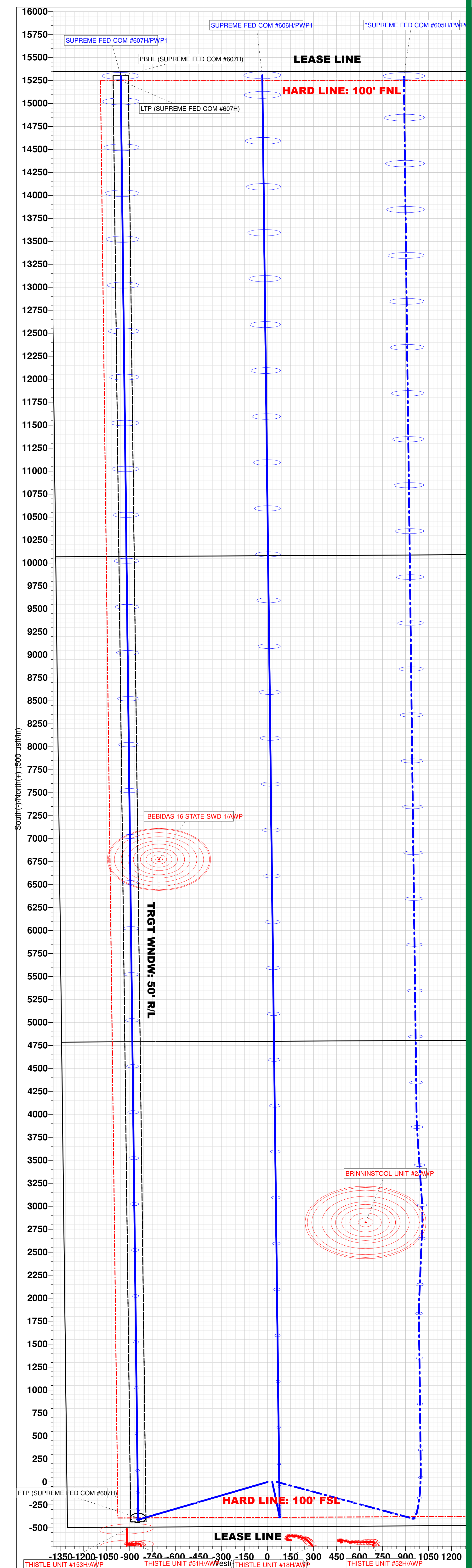
DESIGN TARGET DETAILS							
Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
LTP (SUPREME FED COM #607H)	12347.0	15251.2	-958.7	483162.20	731512.90	32° 19' 33.971 N	103° 35' 1.857 W
PBHL (SUPREME FED COM #607H)	12347.0	15301.2	-959.0	483212.20	731512.60	32° 19' 34.466 N	103° 35' 1.857 W
FTP (SUPREME FED COM #607H)	12447.0	-390.9	-845.2	467520.10	731626.40	32° 16' 59.178 N	103° 35' 1.809 W



SUPREME FED COM #607H										
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	
2900.0	8.00	244.07	2898.7	-12.2	-25.1	2.00	244.07	-10.6	Start 6151.7 hold at 2900.0 MD	
9051.7	8.00	244.07	8990.5	-306.5	-795.1	0.00	0.00	-336.0	Start Drop -1.00	
9851.7	0.00	0.00	9788.0	-410.9	-845.2	1.00	180.00	-357.2	Start 2086.1 hold at 9851.7 MD	
11937.9	0.00	0.00	11874.1	-410.9	-845.2	0.00	0.00	-357.2	Start DLS 10.00 TFO 359.59	
12841.7	90.38	359.59	12447.0	165.8	-849.4	10.00	359.59	218.6	Start 15136.1 hold at 12841.7 MD	
27977.7	90.38	359.59	12347.0	15301.2	-959.0	0.00	0.00	15331.2	TD at 27977.7	



TRGT WNDW:
10 A/B



Well Name: SUPREME FEDERAL COM	Well Location: T23S / R33E / SEC 21 / SWSW /	County or Parish/State: /
Well Number: 607H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0068848	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549676	Well Status: Drilling Well	Operator: COG OPERATING LLC

Notice of Intent

Sundry ID: 2669823

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 05/03/2022	Time Sundry Submitted: 02:12
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 & 1000' FWL Section 9. T23S. R33E. To: 50' FNL & 462' FWL Section 9. T23S. R33E TD depth: 27,977' See attached.

NOI Attachments

- Procedure Description
- SUPREME_FEDERAL_COM_607H_Updated_C102_20220503141202.pdf
 - SUPREME_FED_COM_607H_PWP1_SVY_RPT_20220503141153.pdf
 - SUPREME_FED_COM_607H_PWP1_AC_RPT_20220503141142.pdf

Well Name: SUPREME FEDERAL COM	Well Location: T23S / R33E / SEC 21 / SWSW /	County or Parish/State: /
Well Number: 607H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0068848	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549676	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 02:12 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 201966

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 201966
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

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