District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
COG Operating 600 West Illinois Ave. Midland, TX 79701	229137
	[3] Reason for Filing Code/ Effective Date NW/6.2.2023

[4] API Number	[5] Pool Name	[6] Pool Code
30-025-49675	Brinninstool; Wolfcamp	96689

[7] Property Code	[8] Property Name	[9] Well Number
331868	Supreme Federal Com	606H

II. [10] 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	23S	33E		485	S	1340	W	LEA

[11] Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	9	23S	33E		79	N	1418	W	LEA

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
P	P	6.2.2023			

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
24650	Targa Midstream Services LLC 811 Louisiana Street, Ste 2100 Houston, TX 77002	G
214984	Plains Marketing, L.P. P.O. Box 4648 Houston, TX 77002	O

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
6/23/2022	4/62023	27901	27886	12615-27817	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
14.75	10.75	1407	950
8.75	7.625	11787	2945
6.75	5.5	27866	1990
tubing	2.875	11985.6	

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
6/2/2023	6/2/2023	6/2/2023	15hrs	3580	3990
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
20/64	196	1474	432		Flowing

[42] I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
Signature: DWalkup

Printed name: Danielle D. Walkup

Title: Regulatory Coordinator

E-mail Address: d.d.walkup@conocophillips.com

Date: 6/12/2023 Phone: 432-688-9053

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

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
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-49675	96689	BRINNINSTOOL; WOLFCAMP

Property Code	Property Name	Well Number
331868	SUPREME FEDERAL COM	606H

OGRID No.	Operator Name	Elevation
229137	COG OPERATING, LLC	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		79	NORTH	1418	WEST	LEA

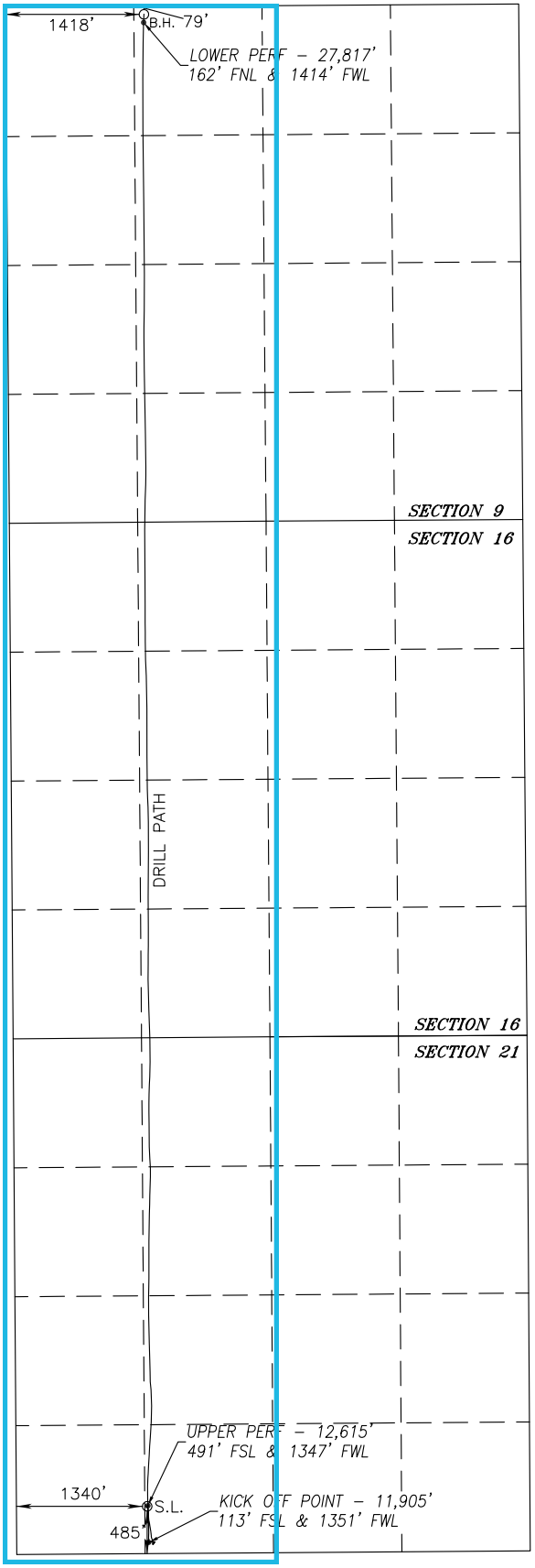
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
960			

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

SEE PAGE 2

PAGE 1 OF 2
W.O. # 23-124 DRAWN BY: WN

Property Code	Property Name	Well Number
331868	SUPREME FEDERAL COM	606H
OGRID No.	**Operator Name**	**Elevation**
229137	COG OPERATING, LLC	3692.2'



NAD 83 NME
BOTTOM HOLE LOCATION
Y=483251.3 N
X=773651.9 E
LAT.=32.326289° N
LONG.=103.581237° W

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

BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE SUPREME FEDERAL COM 606H SUPPLIED TO HARCROW SURVEYING, LLC ON FEBRUARY 28, 2023

1800 0 1800

SCALE: 1"=1800'

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.

Signature 3/9/2023 Date

Danielle D Walkup
Printed Name

d.d.walkup@conocophillips.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/SEPT. 27, 2022
Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor

CHAD L. HARCROW NEW MEXICO 17777 LICENSED PROFESSIONAL SURVEYOR

3/2/23

Certificate No. CHAD HARCROW 17777

PAGE 2 OF 2 W.O. #23-124 DRAWN BY: WN

Intent ☐ As Drilled ☐

API #
30-025-49675

Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County

Latitude	Longitude	NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County

Latitude	Longitude	NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County

Latitude	Longitude	NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018

DELAWARE BASIN EAST

BULLDOG PROSPECT (NM-E)
SUPREME FED COM PROJECT
SUPREME FEDERAL COM #606H
300254967500
OWB

Design: AWP

Standard Survey Report

27 September, 2022

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**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	**Latitude:**	32° 19' 34.636 N
From:	Map	**Easting:**	736,309.54 usft	**Longitude:**	103° 34' 5.951 W
Position Uncertainty:	3.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.41 °

Well SUPREME FEDERAL COM #606H

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

Wellbore OWB

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2022	8/1/2022	6.44	59.93	47,621.40563814

Design AWP

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	359.76

Survey Program **Date** 9/27/2022

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	11,657.0	GYRO-SURF/INT (OWB)	r.5 SDI_KPR_WL_NS-CT	SDI Keeper Wireline Gyrocomp-Initilzd Cont. rev.5
11,737.0	27,901.0	MWD+IFR1+MS-CVE/LAT (OWB)	r.5 MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction rev.5

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	0.62	224.11	100.0	-0.4	-0.4	-0.4	0.62	0.62	0.00
125.0	0.76	207.93	125.0	-0.6	-0.5	-0.6	0.95	0.56	-64.72
150.0	0.73	213.58	150.0	-0.9	-0.7	-0.9	0.32	-0.12	22.60
175.0	0.83	219.39	175.0	-1.2	-0.9	-1.2	0.51	0.40	23.24
200.0	0.96	216.51	200.0	-1.5	-1.2	-1.5	0.55	0.52	-11.52
225.0	1.04	213.58	225.0	-1.8	-1.4	-1.8	0.38	0.32	-11.72
250.0	1.13	206.83	250.0	-2.3	-1.6	-2.3	0.62	0.36	-27.00
275.0	1.07	215.54	275.0	-2.7	-1.9	-2.7	0.71	-0.24	34.84
300.0	1.05	216.40	300.0	-3.0	-2.2	-3.0	0.10	-0.08	3.44

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

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)
325.0	1.06	216.39	325.0	-3.4	-2.4	-3.4	0.04	0.04	-0.04
350.0	0.99	204.96	350.0	-3.8	-2.7	-3.8	0.86	-0.28	-45.72
375.0	0.93	209.73	375.0	-4.2	-2.9	-4.2	0.40	-0.24	19.08
400.0	0.93	207.83	400.0	-4.5	-3.1	-4.5	0.12	0.00	-7.60
425.0	1.01	207.71	425.0	-4.9	-3.2	-4.9	0.32	0.32	-0.48
450.0	1.06	202.27	449.9	-5.3	-3.4	-5.3	0.44	0.20	-21.76
475.0	1.18	197.13	474.9	-5.8	-3.6	-5.8	0.63	0.48	-20.56
500.0	1.08	193.63	499.9	-6.2	-3.7	-6.2	0.49	-0.40	-14.00
525.0	0.97	195.26	524.9	-6.7	-3.8	-6.7	0.46	-0.44	6.52
550.0	1.08	191.43	549.9	-7.1	-3.9	-7.1	0.52	0.44	-15.32
575.0	1.04	177.62	574.9	-7.6	-4.0	-7.6	1.03	-0.16	-55.24
600.0	0.98	175.73	599.9	-8.0	-4.0	-8.0	0.27	-0.24	-7.56
625.0	1.05	161.21	624.9	-8.4	-3.9	-8.4	1.06	0.28	-58.08
650.0	1.06	157.57	649.9	-8.9	-3.7	-8.9	0.27	0.04	-14.56
675.0	1.09	155.99	674.9	-9.3	-3.5	-9.3	0.17	0.12	-6.32
700.0	0.98	157.19	699.9	-9.7	-3.3	-9.7	0.45	-0.44	4.80
725.0	1.13	160.30	724.9	-10.1	-3.2	-10.1	0.64	0.60	12.44
750.0	1.05	159.70	749.9	-10.6	-3.0	-10.6	0.32	-0.32	-2.40
775.0	0.95	147.55	774.9	-11.0	-2.8	-11.0	0.94	-0.40	-48.60
800.0	1.13	136.39	799.9	-11.3	-2.5	-11.3	1.08	0.72	-44.64
825.0	1.14	134.27	824.9	-11.7	-2.2	-11.7	0.17	0.04	-8.48
850.0	1.06	135.58	849.9	-12.0	-1.9	-12.0	0.34	-0.32	5.24
875.0	1.03	128.46	874.9	-12.3	-1.5	-12.3	0.53	-0.12	-28.48
900.0	1.17	132.45	899.9	-12.6	-1.2	-12.6	0.64	0.56	15.96
925.0	1.10	129.09	924.9	-13.0	-0.8	-13.0	0.39	-0.28	-13.44
950.0	1.19	127.26	949.9	-13.3	-0.4	-13.3	0.39	0.36	-7.32
975.0	1.07	130.94	974.9	-13.6	0.0	-13.6	0.56	-0.48	14.72
1,000.0	0.95	118.51	999.9	-13.8	0.4	-13.8	1.00	-0.48	-49.72
1,025.0	0.98	118.65	1,024.8	-14.0	0.7	-14.0	0.12	0.12	0.56
1,050.0	0.95	115.81	1,049.8	-14.2	1.1	-14.2	0.23	-0.12	-11.36
1,075.0	0.81	117.32	1,074.8	-14.4	1.4	-14.4	0.57	-0.56	6.04
1,100.0	0.79	121.75	1,099.8	-14.6	1.7	-14.6	0.26	-0.08	17.72
1,125.0	0.89	120.91	1,124.8	-14.8	2.1	-14.8	0.40	0.40	-3.36
1,150.0	0.81	122.06	1,149.8	-15.0	2.4	-15.0	0.33	-0.32	4.60
1,175.0	0.84	129.11	1,174.8	-15.2	2.7	-15.2	0.42	0.12	28.20
1,200.0	0.83	127.46	1,199.8	-15.4	3.0	-15.4	0.10	-0.04	-6.60
1,225.0	0.95	121.78	1,224.8	-15.6	3.3	-15.6	0.60	0.48	-22.72
1,250.0	0.80	126.80	1,249.8	-15.8	3.6	-15.8	0.67	-0.60	20.08
1,275.0	0.71	130.57	1,274.8	-16.0	3.8	-16.0	0.41	-0.36	15.08
1,300.0	0.81	133.35	1,299.8	-16.3	4.1	-16.3	0.43	0.40	11.12
1,325.0	0.83	137.25	1,324.8	-16.5	4.3	-16.5	0.24	0.08	15.60
1,350.0	0.88	132.09	1,349.8	-16.8	4.6	-16.8	0.37	0.20	-20.64
1,375.0	0.87	138.22	1,374.8	-17.0	4.9	-17.1	0.38	-0.04	24.52

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

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)
1,400.0	1.04	136.67	1,399.8	-17.3	5.2	-17.4	0.69	0.68	-6.20
1,425.0	1.05	136.61	1,424.8	-17.7	5.5	-17.7	0.04	0.04	-0.24
1,450.0	1.10	134.46	1,449.8	-18.0	5.8	-18.0	0.26	0.20	-8.60
1,475.0	1.14	129.42	1,474.8	-18.3	6.2	-18.4	0.43	0.16	-20.16
1,500.0	1.23	146.11	1,499.8	-18.7	6.5	-18.7	1.42	0.36	66.76
1,525.0	1.80	164.99	1,524.8	-19.3	6.8	-19.3	3.00	2.28	75.52
1,550.0	2.01	168.80	1,549.8	-20.1	6.9	-20.2	0.98	0.84	15.24
1,575.0	2.37	169.60	1,574.7	-21.1	7.1	-21.1	1.45	1.44	3.20
1,600.0	2.71	175.51	1,599.7	-22.2	7.3	-22.2	1.72	1.36	23.64
1,625.0	3.92	177.51	1,624.7	-23.6	7.3	-23.6	4.86	4.84	8.00
1,650.0	4.58	178.05	1,649.6	-25.5	7.4	-25.5	2.64	2.64	2.16
1,675.0	4.98	178.49	1,674.5	-27.5	7.5	-27.6	1.61	1.60	1.76
1,700.0	5.37	177.61	1,699.4	-29.8	7.6	-29.8	1.59	1.56	-3.52
1,725.0	6.02	177.07	1,724.3	-32.3	7.7	-32.3	2.61	2.60	-2.16
1,750.0	6.16	177.07	1,749.2	-34.9	7.8	-35.0	0.56	0.56	0.00
1,775.0	6.19	177.23	1,774.0	-37.6	7.9	-37.6	0.14	0.12	0.64
1,800.0	6.28	177.62	1,798.9	-40.3	8.1	-40.4	0.40	0.36	1.56
1,825.0	6.22	177.91	1,823.7	-43.0	8.2	-43.1	0.27	-0.24	1.16
1,850.0	6.15	177.81	1,848.6	-45.7	8.3	-45.8	0.28	-0.28	-0.40
1,875.0	6.20	177.84	1,873.4	-48.4	8.4	-48.5	0.20	0.20	0.12
1,900.0	6.33	177.52	1,898.3	-51.1	8.5	-51.2	0.54	0.52	-1.28
1,925.0	6.27	177.21	1,923.1	-53.9	8.6	-53.9	0.28	-0.24	-1.24
1,950.0	6.24	177.33	1,948.0	-56.6	8.7	-56.6	0.13	-0.12	0.48
1,975.0	6.28	178.02	1,972.8	-59.3	8.9	-59.4	0.34	0.16	2.76
2,000.0	6.21	177.85	1,997.7	-62.0	9.0	-62.1	0.29	-0.28	-0.68
2,025.0	6.36	178.24	2,022.5	-64.8	9.0	-64.8	0.62	0.60	1.56
2,050.0	6.38	178.25	2,047.4	-67.6	9.1	-67.6	0.08	0.08	0.04
2,075.0	6.40	177.32	2,072.2	-70.3	9.2	-70.4	0.42	0.08	-3.72
2,100.0	6.80	173.48	2,097.1	-73.2	9.5	-73.2	2.38	1.60	-15.36
2,125.0	6.86	172.42	2,121.9	-76.1	9.8	-76.2	0.56	0.24	-4.24
2,150.0	6.85	172.44	2,146.7	-79.1	10.2	-79.1	0.04	-0.04	0.08
2,175.0	6.94	172.45	2,171.5	-82.1	10.6	-82.1	0.36	0.36	0.04
2,200.0	6.90	172.45	2,196.3	-85.1	11.0	-85.1	0.16	-0.16	0.00
2,225.0	6.96	172.46	2,221.2	-88.1	11.4	-88.1	0.24	0.24	0.04
2,250.0	6.96	172.62	2,246.0	-91.1	11.8	-91.1	0.08	0.00	0.64
2,275.0	6.88	172.83	2,270.8	-94.0	12.2	-94.1	0.34	-0.32	0.84
2,300.0	7.16	172.24	2,295.6	-97.1	12.6	-97.1	1.16	1.12	-2.36
2,325.0	6.99	172.32	2,320.4	-100.1	13.0	-100.2	0.68	-0.68	0.32
2,350.0	7.02	172.38	2,345.2	-103.1	13.4	-103.2	0.12	0.12	0.24
2,375.0	7.08	172.98	2,370.0	-106.2	13.8	-106.3	0.38	0.24	2.40
2,400.0	6.98	174.12	2,394.8	-109.2	14.1	-109.3	0.69	-0.40	4.56
2,425.0	6.89	174.76	2,419.7	-112.2	14.4	-112.3	0.47	-0.36	2.56
2,450.0	6.84	174.52	2,444.5	-115.2	14.7	-115.3	0.23	-0.20	-0.96

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

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)
2,475.0	7.00	174.74	2,469.3	-118.2	15.0	-118.3	0.65	0.64	0.88
2,500.0	6.93	175.03	2,494.1	-121.2	15.3	-121.3	0.31	-0.28	1.16
2,525.0	6.91	175.30	2,518.9	-124.2	15.5	-124.3	0.15	-0.08	1.08
2,550.0	6.96	175.80	2,543.8	-127.2	15.8	-127.3	0.31	0.20	2.00
2,575.0	6.89	175.93	2,568.6	-130.2	16.0	-130.3	0.29	-0.28	0.52
2,600.0	6.92	175.69	2,593.4	-133.2	16.2	-133.3	0.17	0.12	-0.96
2,625.0	6.96	175.59	2,618.2	-136.3	16.4	-136.3	0.17	0.16	-0.40
2,650.0	6.56	173.09	2,643.0	-139.2	16.7	-139.3	1.99	-1.60	-10.00
2,675.0	6.23	170.17	2,667.9	-141.9	17.1	-142.0	1.85	-1.32	-11.68
2,700.0	6.18	168.08	2,692.7	-144.6	17.6	-144.7	0.93	-0.20	-8.36
2,725.0	6.14	168.40	2,717.6	-147.2	18.2	-147.3	0.21	-0.16	1.28
2,750.0	6.10	168.70	2,742.4	-149.8	18.7	-149.9	0.20	-0.16	1.20
2,775.0	6.19	169.41	2,767.3	-152.5	19.2	-152.5	0.47	0.36	2.84
2,800.0	6.18	168.13	2,792.2	-155.1	19.7	-155.2	0.55	-0.04	-5.12
2,825.0	6.20	168.29	2,817.0	-157.7	20.3	-157.8	0.11	0.08	0.64
2,850.0	6.25	168.64	2,841.9	-160.4	20.8	-160.5	0.25	0.20	1.40
2,875.0	6.21	168.65	2,866.7	-163.1	21.4	-163.1	0.16	-0.16	0.04
2,900.0	6.13	169.35	2,891.6	-165.7	21.9	-165.8	0.44	-0.32	2.80
2,925.0	6.23	168.57	2,916.4	-168.3	22.4	-168.4	0.52	0.40	-3.12
2,950.0	6.19	169.40	2,941.3	-171.0	22.9	-171.1	0.39	-0.16	3.32
2,975.0	6.25	169.79	2,966.1	-173.7	23.4	-173.8	0.29	0.24	1.56
3,000.0	6.23	170.49	2,991.0	-176.3	23.9	-176.4	0.31	-0.08	2.80
3,025.0	6.19	170.51	3,015.8	-179.0	24.3	-179.1	0.16	-0.16	0.08
3,050.0	6.11	170.93	3,040.7	-181.6	24.7	-181.7	0.37	-0.32	1.68
3,075.0	6.16	171.17	3,065.5	-184.3	25.1	-184.4	0.22	0.20	0.96
3,100.0	6.14	171.48	3,090.4	-186.9	25.6	-187.0	0.16	-0.08	1.24
3,125.0	6.02	171.41	3,115.3	-189.5	25.9	-189.7	0.48	-0.48	-0.28
3,150.0	5.91	171.11	3,140.1	-192.1	26.3	-192.2	0.46	-0.44	-1.20
3,175.0	5.88	171.46	3,165.0	-194.7	26.7	-194.8	0.19	-0.12	1.40
3,200.0	5.85	171.90	3,189.9	-197.2	27.1	-197.3	0.22	-0.12	1.76
3,225.0	5.81	171.49	3,214.7	-199.7	27.5	-199.8	0.23	-0.16	-1.64
3,250.0	5.84	171.43	3,239.6	-202.2	27.8	-202.3	0.12	0.12	-0.24
3,275.0	5.85	171.70	3,264.5	-204.7	28.2	-204.8	0.12	0.04	1.08
3,300.0	5.83	170.89	3,289.3	-207.2	28.6	-207.4	0.34	-0.08	-3.24
3,325.0	5.84	170.70	3,314.2	-209.7	29.0	-209.9	0.09	0.04	-0.76
3,350.0	5.91	169.21	3,339.1	-212.3	29.5	-212.4	0.67	0.28	-5.96
3,375.0	6.04	169.99	3,363.9	-214.8	29.9	-214.9	0.61	0.52	3.12
3,400.0	5.97	170.84	3,388.8	-217.4	30.4	-217.5	0.45	-0.28	3.40
3,425.0	5.94	170.12	3,413.7	-220.0	30.8	-220.1	0.32	-0.12	-2.88
3,450.0	6.06	169.74	3,438.5	-222.5	31.2	-222.7	0.51	0.48	-1.52
3,475.0	6.10	168.88	3,463.4	-225.1	31.7	-225.3	0.40	0.16	-3.44
3,500.0	6.06	169.74	3,488.3	-227.7	32.2	-227.9	0.40	-0.16	3.44
3,525.0	6.07	169.96	3,513.1	-230.3	32.7	-230.5	0.10	0.04	0.88
3,550.0	6.01	169.55	3,538.0	-232.9	33.2	-233.1	0.30	-0.24	-1.64

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

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)
3,575.0	6.13	170.50	3,562.8	-235.5	33.6	-235.7	0.63	0.48	3.80
3,600.0	6.07	170.72	3,587.7	-238.1	34.1	-238.3	0.26	-0.24	0.88
3,625.0	6.13	170.59	3,612.6	-240.8	34.5	-240.9	0.25	0.24	-0.52
3,650.0	6.31	171.95	3,637.4	-243.4	34.9	-243.6	0.93	0.72	5.44
3,675.0	6.22	171.65	3,662.3	-246.1	35.3	-246.3	0.38	-0.36	-1.20
3,700.0	6.34	171.60	3,687.1	-248.9	35.7	-249.0	0.48	0.48	-0.20
3,725.0	6.25	171.43	3,712.0	-251.6	36.1	-251.7	0.37	-0.36	-0.68
3,750.0	6.24	172.19	3,736.8	-254.3	36.5	-254.4	0.33	-0.04	3.04
3,775.0	6.40	171.18	3,761.7	-257.0	36.9	-257.1	0.78	0.64	-4.04
3,800.0	6.29	171.46	3,786.5	-259.7	37.3	-259.9	0.46	-0.44	1.12
3,825.0	6.25	172.58	3,811.4	-262.4	37.7	-262.6	0.51	-0.16	4.48
3,850.0	6.02	172.49	3,836.2	-265.1	38.0	-265.2	0.92	-0.92	-0.36
3,875.0	5.78	173.07	3,861.1	-267.6	38.3	-267.8	0.99	-0.96	2.32
3,900.0	5.80	172.96	3,886.0	-270.1	38.6	-270.3	0.09	0.08	-0.44
3,925.0	5.69	172.96	3,910.8	-272.6	39.0	-272.8	0.44	-0.44	0.00
3,950.0	5.66	172.62	3,935.7	-275.1	39.3	-275.2	0.18	-0.12	-1.36
3,975.0	5.62	173.65	3,960.6	-277.5	39.6	-277.7	0.44	-0.16	4.12
4,000.0	5.66	173.79	3,985.5	-279.9	39.8	-280.1	0.17	0.16	0.56
4,025.0	5.53	173.82	4,010.3	-282.4	40.1	-282.5	0.52	-0.52	0.12
4,050.0	5.57	173.91	4,035.2	-284.8	40.3	-284.9	0.16	0.16	0.36
4,075.0	5.44	173.73	4,060.1	-287.1	40.6	-287.3	0.52	-0.52	-0.72
4,100.0	5.45	174.56	4,085.0	-289.5	40.8	-289.7	0.32	0.04	3.32
4,125.0	5.35	174.68	4,109.9	-291.8	41.1	-292.0	0.40	-0.40	0.48
4,150.0	5.15	175.42	4,134.8	-294.1	41.3	-294.3	0.84	-0.80	2.96
4,175.0	5.11	176.02	4,159.7	-296.4	41.4	-296.5	0.27	-0.16	2.40
4,200.0	5.18	176.46	4,184.6	-298.6	41.6	-298.8	0.32	0.28	1.76
4,225.0	4.93	177.10	4,209.5	-300.8	41.7	-301.0	1.03	-1.00	2.56
4,250.0	5.02	177.60	4,234.4	-303.0	41.8	-303.1	0.40	0.36	2.00
4,275.0	5.07	177.50	4,259.3	-305.2	41.9	-305.3	0.20	0.20	-0.40
4,300.0	5.09	175.71	4,284.2	-307.4	42.0	-307.5	0.64	0.08	-7.16
4,325.0	5.15	174.32	4,309.1	-309.6	42.2	-309.8	0.55	0.24	-5.56
4,350.0	5.43	172.29	4,334.0	-311.9	42.5	-312.1	1.35	1.12	-8.12
4,375.0	5.54	169.47	4,358.9	-314.2	42.9	-314.4	1.16	0.44	-11.28
4,400.0	5.83	166.87	4,383.8	-316.7	43.4	-316.8	1.55	1.16	-10.40
4,425.0	6.04	165.02	4,408.6	-319.2	44.0	-319.3	1.14	0.84	-7.40
4,450.0	6.25	162.45	4,433.5	-321.7	44.8	-321.9	1.38	0.84	-10.28
4,475.0	6.40	159.68	4,458.3	-324.3	45.7	-324.5	1.36	0.60	-11.08
4,500.0	6.46	158.46	4,483.2	-327.0	46.7	-327.1	0.60	0.24	-4.88
4,525.0	6.44	158.25	4,508.0	-329.6	47.7	-329.8	0.12	-0.08	-0.84
4,550.0	6.28	159.19	4,532.9	-332.1	48.7	-332.3	0.76	-0.64	3.76
4,575.0	5.92	161.75	4,557.7	-334.6	49.6	-334.9	1.80	-1.44	10.24
4,600.0	5.49	163.91	4,582.6	-337.0	50.3	-337.2	1.92	-1.72	8.64
4,625.0	5.55	163.21	4,607.5	-339.3	51.0	-339.5	0.36	0.24	-2.80

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

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)
4,650.0	5.46	162.97	4,632.4	-341.6	51.7	-341.8	0.37	-0.36	-0.96
4,675.0	5.75	162.14	4,657.2	-343.9	52.4	-344.2	1.20	1.16	-3.32
4,700.0	5.90	160.22	4,682.1	-346.3	53.2	-346.6	0.98	0.60	-7.68
4,725.0	6.04	157.96	4,707.0	-348.8	54.2	-349.0	1.09	0.56	-9.04
4,750.0	6.15	157.84	4,731.8	-351.2	55.2	-351.5	0.44	0.44	-0.48
4,775.0	6.16	157.94	4,756.7	-353.7	56.2	-354.0	0.06	0.04	0.40
4,800.0	6.24	157.22	4,781.5	-356.2	57.2	-356.5	0.45	0.32	-2.88
4,825.0	5.89	161.04	4,806.4	-358.7	58.2	-358.9	2.14	-1.40	15.28
4,850.0	5.51	164.18	4,831.3	-361.0	58.9	-361.3	1.97	-1.52	12.56
4,875.0	5.43	163.59	4,856.2	-363.3	59.6	-363.6	0.39	-0.32	-2.36
4,900.0	5.12	164.18	4,881.1	-365.5	60.2	-365.8	1.26	-1.24	2.36
4,925.0	4.53	165.06	4,906.0	-367.6	60.8	-367.8	2.38	-2.36	3.52
4,950.0	4.45	165.13	4,930.9	-369.5	61.3	-369.7	0.32	-0.32	0.28
4,975.0	4.20	165.08	4,955.8	-371.3	61.7	-371.5	1.00	-1.00	-0.20
5,000.0	3.67	170.29	4,980.8	-373.0	62.1	-373.2	2.56	-2.12	20.84
5,025.0	3.06	186.98	5,005.7	-374.4	62.2	-374.7	4.59	-2.44	66.76
5,050.0	2.88	198.97	5,030.7	-375.7	61.9	-375.9	2.58	-0.72	47.96
5,075.0	2.54	202.54	5,055.7	-376.8	61.5	-377.0	1.52	-1.36	14.28
5,100.0	2.27	208.43	5,080.6	-377.7	61.0	-378.0	1.46	-1.08	23.56
5,125.0	1.69	216.28	5,105.6	-378.5	60.6	-378.7	2.56	-2.32	31.40
5,150.0	1.40	219.40	5,130.6	-379.0	60.2	-379.2	1.21	-1.16	12.48
5,175.0	1.54	220.45	5,155.6	-379.5	59.7	-379.7	0.57	0.56	4.20
5,200.0	1.37	220.61	5,180.6	-380.0	59.3	-380.2	0.68	-0.68	0.64
5,225.0	1.13	207.02	5,205.6	-380.4	59.0	-380.7	1.52	-0.96	-54.36
5,250.0	1.04	205.03	5,230.6	-380.8	58.8	-381.1	0.39	-0.36	-7.96
5,275.0	1.09	205.20	5,255.6	-381.3	58.6	-381.5	0.20	0.20	0.68
5,300.0	1.19	202.35	5,280.6	-381.7	58.4	-382.0	0.46	0.40	-11.40
5,325.0	1.13	203.08	5,305.6	-382.2	58.2	-382.4	0.25	-0.24	2.92
5,350.0	1.24	202.34	5,330.6	-382.7	58.0	-382.9	0.44	0.44	-2.96
5,375.0	1.09	204.61	5,355.6	-383.1	57.8	-383.4	0.63	-0.60	9.08
5,400.0	1.10	198.52	5,380.6	-383.6	57.6	-383.8	0.47	0.04	-24.36
5,425.0	1.20	203.44	5,405.6	-384.0	57.5	-384.3	0.56	0.40	19.68
5,450.0	1.31	197.86	5,430.5	-384.5	57.3	-384.8	0.66	0.44	-22.32
5,475.0	1.20	199.08	5,455.5	-385.1	57.1	-385.3	0.45	-0.44	4.88
5,500.0	1.16	195.05	5,480.5	-385.6	57.0	-385.8	0.37	-0.16	-16.12
5,525.0	1.06	201.69	5,505.5	-386.0	56.8	-386.3	0.65	-0.40	26.56
5,550.0	1.17	199.72	5,530.5	-386.5	56.6	-386.7	0.47	0.44	-7.88
5,575.0	1.33	193.06	5,555.5	-387.0	56.5	-387.2	0.86	0.64	-26.64
5,600.0	1.26	193.24	5,580.5	-387.5	56.4	-387.8	0.28	-0.28	0.72
5,625.0	1.29	190.96	5,605.5	-388.1	56.2	-388.3	0.24	0.12	-9.12
5,650.0	1.29	189.56	5,630.5	-388.6	56.1	-388.9	0.13	0.00	-5.60
5,675.0	1.11	188.17	5,655.5	-389.2	56.1	-389.4	0.73	-0.72	-5.56
5,700.0	0.54	118.89	5,680.5	-389.5	56.1	-389.7	4.19	-2.28	-277.12

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

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)
5,725.0	0.76	83.16	5,705.5	-389.5	56.4	-389.7	1.80	0.88	-142.92
5,750.0	0.84	82.70	5,730.5	-389.4	56.7	-389.7	0.32	0.32	-1.84
5,775.0	0.96	75.74	5,755.5	-389.4	57.1	-389.6	0.65	0.48	-27.84
5,800.0	0.95	71.60	5,780.5	-389.3	57.5	-389.5	0.28	-0.04	-16.56
5,825.0	0.94	76.09	5,805.5	-389.1	57.9	-389.4	0.30	-0.04	17.96
5,850.0	1.01	68.39	5,830.5	-389.0	58.3	-389.3	0.59	0.28	-30.80
5,875.0	1.04	65.35	5,855.5	-388.8	58.7	-389.1	0.25	0.12	-12.16
5,900.0	0.90	72.29	5,880.5	-388.7	59.1	-388.9	0.73	-0.56	27.76
5,925.0	0.84	81.70	5,905.5	-388.6	59.5	-388.8	0.62	-0.24	37.64
5,950.0	0.91	69.26	5,930.5	-388.5	59.9	-388.7	0.81	0.28	-49.76
5,975.0	0.91	65.35	5,955.5	-388.3	60.2	-388.6	0.25	0.00	-15.64
6,000.0	0.83	74.93	5,980.5	-388.2	60.6	-388.5	0.66	-0.32	38.32
6,025.0	1.03	69.74	6,005.5	-388.1	61.0	-388.3	0.87	0.80	-20.76
6,050.0	0.91	68.94	6,030.4	-387.9	61.4	-388.2	0.48	-0.48	-3.20
6,075.0	0.95	66.83	6,055.4	-387.8	61.7	-388.0	0.21	0.16	-8.44
6,100.0	0.75	65.53	6,080.4	-387.6	62.1	-387.9	0.80	-0.80	-5.20
6,125.0	0.86	62.76	6,105.4	-387.5	62.4	-387.7	0.47	0.44	-11.08
6,150.0	0.83	54.24	6,130.4	-387.3	62.7	-387.6	0.52	-0.12	-34.08
6,175.0	0.71	48.22	6,155.4	-387.1	63.0	-387.3	0.58	-0.48	-24.08
6,200.0	0.66	44.40	6,180.4	-386.9	63.2	-387.1	0.27	-0.20	-15.28
6,225.0	0.85	44.34	6,205.4	-386.6	63.4	-386.9	0.76	0.76	-0.24
6,250.0	0.83	41.84	6,230.4	-386.4	63.7	-386.6	0.17	-0.08	-10.00
6,275.0	0.75	46.59	6,255.4	-386.1	63.9	-386.4	0.41	-0.32	19.00
6,300.0	0.74	41.65	6,280.4	-385.9	64.1	-386.2	0.26	-0.04	-19.76
6,325.0	0.69	46.28	6,305.4	-385.7	64.3	-385.9	0.31	-0.20	18.52
6,350.0	0.75	47.29	6,330.4	-385.5	64.6	-385.7	0.25	0.24	4.04
6,375.0	0.72	47.30	6,355.4	-385.2	64.8	-385.5	0.12	-0.12	0.04
6,400.0	0.79	49.35	6,380.4	-385.0	65.1	-385.3	0.30	0.28	8.20
6,425.0	0.83	48.73	6,405.4	-384.8	65.3	-385.1	0.16	0.16	-2.48
6,450.0	0.95	44.86	6,430.4	-384.5	65.6	-384.8	0.54	0.48	-15.48
6,475.0	0.90	44.48	6,455.4	-384.2	65.9	-384.5	0.20	-0.20	-1.52
6,500.0	0.84	43.85	6,480.4	-384.0	66.2	-384.2	0.24	-0.24	-2.52
6,525.0	0.94	42.43	6,505.4	-383.7	66.4	-384.0	0.41	0.40	-5.68
6,550.0	1.08	36.31	6,530.4	-383.3	66.7	-383.6	0.71	0.56	-24.48
6,575.0	1.21	32.55	6,555.4	-382.9	67.0	-383.2	0.60	0.52	-15.04
6,600.0	1.39	37.00	6,580.4	-382.5	67.3	-382.7	0.82	0.72	17.80
6,625.0	1.42	33.39	6,605.4	-382.0	67.7	-382.2	0.37	0.12	-14.44
6,650.0	1.36	32.91	6,630.4	-381.4	68.0	-381.7	0.24	-0.24	-1.92
6,675.0	1.36	33.00	6,655.4	-381.0	68.3	-381.2	0.01	0.00	0.36
6,700.0	1.46	31.05	6,680.4	-380.4	68.6	-380.7	0.44	0.40	-7.80
6,725.0	1.40	37.48	6,705.3	-379.9	69.0	-380.2	0.68	-0.24	25.72
6,750.0	1.38	34.54	6,730.3	-379.4	69.3	-379.7	0.30	-0.08	-11.76
6,775.0	1.41	34.09	6,755.3	-378.9	69.7	-379.2	0.13	0.12	-1.80
6,800.0	1.42	34.49	6,780.3	-378.4	70.0	-378.7	0.06	0.04	1.60

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

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)
6,825.0	1.46	33.89	6,805.3	-377.9	70.4	-378.2	0.17	0.16	-2.40
6,850.0	1.46	35.06	6,830.3	-377.4	70.7	-377.7	0.12	0.00	4.68
6,875.0	1.47	31.81	6,855.3	-376.8	71.1	-377.1	0.33	0.04	-13.00
6,900.0	1.42	27.06	6,880.3	-376.3	71.4	-376.6	0.52	-0.20	-19.00
6,925.0	1.40	27.11	6,905.3	-375.7	71.7	-376.0	0.08	-0.08	0.20
6,950.0	1.44	29.36	6,930.3	-375.2	72.0	-375.5	0.27	0.16	9.00
6,975.0	1.25	21.54	6,955.3	-374.7	72.2	-375.0	1.06	-0.76	-31.28
7,000.0	1.13	17.54	6,980.3	-374.2	72.4	-374.5	0.58	-0.48	-16.00
7,025.0	1.16	16.73	7,005.3	-373.7	72.6	-374.0	0.14	0.12	-3.24
7,050.0	1.08	17.44	7,030.3	-373.2	72.7	-373.5	0.32	-0.32	2.84
7,075.0	1.06	21.46	7,055.3	-372.8	72.9	-373.1	0.31	-0.08	16.08
7,100.0	1.20	14.91	7,080.2	-372.3	73.0	-372.6	0.76	0.56	-26.20
7,125.0	1.05	13.79	7,105.2	-371.8	73.1	-372.2	0.61	-0.60	-4.48
7,150.0	0.99	17.51	7,130.2	-371.4	73.3	-371.7	0.36	-0.24	14.88
7,175.0	1.06	22.31	7,155.2	-371.0	73.4	-371.3	0.44	0.28	19.20
7,200.0	1.06	18.51	7,180.2	-370.6	73.6	-370.9	0.28	0.00	-15.20
7,225.0	1.03	18.54	7,205.2	-370.1	73.7	-370.4	0.12	-0.12	0.12
7,250.0	1.08	21.13	7,230.2	-369.7	73.9	-370.0	0.28	0.20	10.36
7,275.0	1.05	22.34	7,255.2	-369.3	74.0	-369.6	0.15	-0.12	4.84
7,300.0	1.31	34.34	7,280.2	-368.8	74.3	-369.1	1.43	1.04	48.00
7,325.0	0.95	27.91	7,305.2	-368.4	74.5	-368.7	1.52	-1.44	-25.72
7,350.0	0.94	22.86	7,330.2	-368.0	74.7	-368.3	0.34	-0.04	-20.20
7,375.0	0.92	21.93	7,355.2	-367.7	74.9	-368.0	0.10	-0.08	-3.72
7,400.0	0.96	21.77	7,380.2	-367.3	75.0	-367.6	0.16	0.16	-0.64
7,425.0	0.90	24.02	7,405.2	-366.9	75.2	-367.2	0.28	-0.24	9.00
7,450.0	0.79	27.15	7,430.2	-366.6	75.3	-366.9	0.48	-0.44	12.52
7,475.0	0.66	26.15	7,455.2	-366.3	75.5	-366.6	0.52	-0.52	-4.00
7,500.0	0.62	25.50	7,480.2	-366.0	75.6	-366.4	0.16	-0.16	-2.60
7,525.0	0.58	28.02	7,505.2	-365.8	75.7	-366.1	0.19	-0.16	10.08
7,550.0	0.49	25.12	7,530.2	-365.6	75.8	-365.9	0.38	-0.36	-11.60
7,575.0	0.51	23.57	7,555.2	-365.4	75.9	-365.7	0.10	0.08	-6.20
7,600.0	0.42	33.78	7,580.2	-365.2	76.0	-365.5	0.49	-0.36	40.84
7,625.0	0.33	31.89	7,605.2	-365.1	76.1	-365.4	0.36	-0.36	-7.56
7,650.0	0.29	41.63	7,630.2	-365.0	76.2	-365.3	0.26	-0.16	38.96
7,675.0	0.38	14.75	7,655.2	-364.8	76.3	-365.2	0.71	0.36	-107.52
7,700.0	0.25	31.99	7,680.2	-364.7	76.3	-365.0	0.64	-0.52	68.96
7,725.0	0.24	21.58	7,705.2	-364.6	76.3	-364.9	0.18	-0.04	-41.64
7,750.0	0.27	46.01	7,730.2	-364.5	76.4	-364.9	0.45	0.12	97.72
7,775.0	0.30	38.94	7,755.2	-364.4	76.5	-364.8	0.18	0.12	-28.28
7,800.0	0.31	36.85	7,780.2	-364.3	76.6	-364.7	0.06	0.04	-8.36
7,825.0	0.26	41.87	7,805.2	-364.2	76.7	-364.6	0.22	-0.20	20.08
7,850.0	0.26	66.47	7,830.2	-364.2	76.7	-364.5	0.44	0.00	98.40
7,875.0	0.23	91.89	7,855.2	-364.2	76.8	-364.5	0.45	-0.12	101.68

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

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)
7,900.0	0.33	38.34	7,880.2	-364.1	76.9	-364.4	1.07	0.40	-214.20
7,925.0	0.26	2.32	7,905.2	-364.0	77.0	-364.3	0.78	-0.28	-144.08
7,950.0	0.20	54.55	7,930.2	-363.9	77.0	-364.2	0.84	-0.24	208.92
7,975.0	0.14	61.40	7,955.2	-363.9	77.1	-364.2	0.25	-0.24	27.40
8,000.0	0.13	60.39	7,980.2	-363.8	77.1	-364.2	0.04	-0.04	-4.04
8,025.0	0.18	66.87	8,005.2	-363.8	77.2	-364.1	0.21	0.20	25.92
8,050.0	0.20	79.73	8,030.2	-363.8	77.3	-364.1	0.19	0.08	51.44
8,075.0	0.13	86.19	8,055.2	-363.8	77.4	-364.1	0.29	-0.28	25.84
8,100.0	0.07	190.45	8,080.2	-363.8	77.4	-364.1	0.65	-0.24	417.04
8,125.0	0.21	200.48	8,105.2	-363.8	77.4	-364.2	0.57	0.56	40.12
8,150.0	0.10	154.53	8,130.2	-363.9	77.4	-364.2	0.63	-0.44	-183.80
8,175.0	0.23	212.79	8,155.2	-364.0	77.3	-364.3	0.79	0.52	233.04
8,200.0	0.21	236.04	8,180.2	-364.0	77.3	-364.4	0.36	-0.08	93.00
8,225.0	0.21	262.10	8,205.2	-364.1	77.2	-364.4	0.38	0.00	104.24
8,250.0	0.29	246.20	8,230.2	-364.1	77.1	-364.4	0.42	0.32	-63.60
8,275.0	0.44	232.39	8,255.2	-364.2	76.9	-364.5	0.69	0.60	-55.24
8,300.0	0.38	227.84	8,280.2	-364.3	76.8	-364.6	0.27	-0.24	-18.20
8,325.0	0.39	213.75	8,305.2	-364.4	76.7	-364.7	0.38	0.04	-56.36
8,350.0	0.30	212.17	8,330.2	-364.5	76.6	-364.9	0.36	-0.36	-6.32
8,375.0	0.52	215.57	8,355.2	-364.7	76.5	-365.0	0.88	0.88	13.60
8,400.0	0.54	210.07	8,380.2	-364.9	76.4	-365.2	0.22	0.08	-22.00
8,425.0	0.48	214.26	8,405.2	-365.1	76.3	-365.4	0.28	-0.24	16.76
8,450.0	0.49	205.17	8,430.2	-365.3	76.2	-365.6	0.31	0.04	-36.36
8,475.0	0.51	212.17	8,455.2	-365.5	76.1	-365.8	0.26	0.08	28.00
8,500.0	0.60	194.41	8,480.2	-365.7	76.0	-366.0	0.77	0.36	-71.04
8,525.0	0.58	203.38	8,505.2	-365.9	75.9	-366.2	0.38	-0.08	35.88
8,550.0	0.63	197.13	8,530.2	-366.2	75.8	-366.5	0.33	0.20	-25.00
8,575.0	0.61	195.67	8,555.2	-366.4	75.7	-366.7	0.10	-0.08	-5.84
8,600.0	0.59	199.57	8,580.2	-366.7	75.6	-367.0	0.18	-0.08	15.60
8,625.0	0.59	196.03	8,605.2	-366.9	75.6	-367.2	0.15	0.00	-14.16
8,650.0	0.67	202.55	8,630.2	-367.2	75.5	-367.5	0.43	0.32	26.08
8,675.0	0.62	193.40	8,655.2	-367.4	75.4	-367.8	0.46	-0.20	-36.60
8,700.0	0.73	204.86	8,680.2	-367.7	75.3	-368.0	0.69	0.44	45.84
8,725.0	0.67	202.31	8,705.2	-368.0	75.2	-368.3	0.27	-0.24	-10.20
8,750.0	0.65	207.42	8,730.2	-368.3	75.0	-368.6	0.25	-0.08	20.44
8,775.0	0.63	212.23	8,755.2	-368.5	74.9	-368.8	0.23	-0.08	19.24
8,800.0	0.66	213.09	8,780.2	-368.7	74.8	-369.1	0.13	0.12	3.44
8,825.0	0.55	219.83	8,805.1	-369.0	74.6	-369.3	0.52	-0.44	26.96
8,850.0	0.61	219.73	8,830.1	-369.1	74.4	-369.5	0.24	0.24	-0.40
8,875.0	0.57	227.06	8,855.1	-369.3	74.3	-369.6	0.34	-0.16	29.32
8,900.0	0.45	234.12	8,880.1	-369.5	74.1	-369.8	0.54	-0.48	28.24
8,925.0	0.58	252.43	8,905.1	-369.6	73.9	-369.9	0.83	0.52	73.24
8,950.0	0.44	240.67	8,930.1	-369.7	73.7	-370.0	0.70	-0.56	-47.04

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

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)
8,975.0	0.54	253.22	8,955.1	-369.7	73.5	-370.0	0.58	0.40	50.20
9,000.0	0.57	252.34	8,980.1	-369.8	73.3	-370.1	0.12	0.12	-3.52
9,025.0	0.55	255.64	9,005.1	-369.9	73.0	-370.2	0.15	-0.08	13.20
9,050.0	0.55	251.16	9,030.1	-369.9	72.8	-370.3	0.17	0.00	-17.92
9,075.0	0.59	257.82	9,055.1	-370.0	72.6	-370.3	0.31	0.16	26.64
9,100.0	0.81	249.34	9,080.1	-370.1	72.3	-370.4	0.97	0.88	-33.92
9,125.0	0.86	261.87	9,105.1	-370.2	71.9	-370.5	0.76	0.20	50.12
9,150.0	0.88	266.85	9,130.1	-370.2	71.5	-370.5	0.31	0.08	19.92
9,175.0	0.96	267.90	9,155.1	-370.2	71.1	-370.5	0.33	0.32	4.20
9,200.0	1.12	268.15	9,180.1	-370.3	70.7	-370.6	0.64	0.64	1.00
9,225.0	1.20	263.79	9,205.1	-370.3	70.2	-370.6	0.48	0.32	-17.44
9,250.0	1.30	263.46	9,230.1	-370.4	69.6	-370.7	0.40	0.40	-1.32
9,275.0	1.47	259.06	9,255.1	-370.5	69.0	-370.7	0.80	0.68	-17.60
9,300.0	1.67	258.81	9,280.1	-370.6	68.4	-370.9	0.80	0.80	-1.00
9,325.0	1.44	257.16	9,305.1	-370.7	67.7	-371.0	0.94	-0.92	-6.60
9,350.0	1.53	263.19	9,330.1	-370.8	67.1	-371.1	0.72	0.36	24.12
9,375.0	1.64	258.61	9,355.1	-370.9	66.4	-371.2	0.67	0.44	-18.32
9,400.0	1.56	270.41	9,380.1	-371.0	65.7	-371.3	1.35	-0.32	47.20
9,425.0	1.67	278.73	9,405.0	-371.0	65.0	-371.2	1.03	0.44	33.28
9,450.0	1.76	281.64	9,430.0	-370.8	64.3	-371.1	0.50	0.36	11.64
9,475.0	1.82	282.46	9,455.0	-370.7	63.5	-370.9	0.26	0.24	3.28
9,500.0	1.78	283.65	9,480.0	-370.5	62.7	-370.7	0.22	-0.16	4.76
9,525.0	1.79	284.85	9,505.0	-370.3	62.0	-370.5	0.15	0.04	4.80
9,550.0	1.85	291.23	9,530.0	-370.0	61.2	-370.3	0.84	0.24	25.52
9,575.0	1.81	289.07	9,555.0	-369.8	60.5	-370.0	0.32	-0.16	-8.64
9,600.0	2.01	287.51	9,580.0	-369.5	59.7	-369.8	0.83	0.80	-6.24
9,625.0	1.96	287.35	9,604.9	-369.2	58.9	-369.5	0.20	-0.20	-0.64
9,650.0	1.96	285.28	9,629.9	-369.0	58.0	-369.3	0.28	0.00	-8.28
9,675.0	2.04	284.44	9,654.9	-368.8	57.2	-369.0	0.34	0.32	-3.36
9,700.0	2.00	285.83	9,679.9	-368.6	56.3	-368.8	0.25	-0.16	5.56
9,725.0	2.24	287.34	9,704.9	-368.3	55.5	-368.5	0.99	0.96	6.04
9,750.0	2.34	288.01	9,729.9	-368.0	54.5	-368.2	0.41	0.40	2.68
9,775.0	1.97	286.41	9,754.8	-367.7	53.6	-367.9	1.50	-1.48	-6.40
9,800.0	1.63	284.83	9,779.8	-367.5	52.8	-367.7	1.37	-1.36	-6.32
9,825.0	1.83	281.52	9,804.8	-367.3	52.1	-367.5	0.89	0.80	-13.24
9,850.0	2.23	276.39	9,829.8	-367.2	51.2	-367.4	1.76	1.60	-20.52
9,875.0	2.88	279.03	9,854.8	-367.0	50.1	-367.2	2.64	2.60	10.56
9,900.0	3.16	279.20	9,879.7	-366.8	48.8	-367.0	1.12	1.12	0.68
9,925.0	3.70	278.13	9,904.7	-366.6	47.4	-366.8	2.18	2.16	-4.28
9,950.0	3.88	278.84	9,929.6	-366.4	45.7	-366.6	0.74	0.72	2.84
9,975.0	4.25	279.59	9,954.6	-366.1	44.0	-366.3	1.50	1.48	3.00
10,000.0	4.66	280.25	9,979.5	-365.7	42.1	-365.9	1.65	1.64	2.64
10,025.0	4.93	279.76	10,004.4	-365.4	40.0	-365.5	1.09	1.08	-1.96
10,050.0	4.88	280.28	10,029.3	-365.0	37.9	-365.2	0.27	-0.20	2.08

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

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)
10,075.0	4.89	278.87	10,054.2	-364.7	35.8	-364.8	0.48	0.04	-5.64
10,100.0	5.01	277.71	10,079.1	-364.3	33.7	-364.5	0.63	0.48	-4.64
10,125.0	5.24	276.24	10,104.0	-364.1	31.4	-364.2	1.06	0.92	-5.88
10,150.0	5.51	276.72	10,128.9	-363.8	29.1	-363.9	1.09	1.08	1.92
10,175.0	5.31	275.63	10,153.8	-363.6	26.8	-363.7	0.90	-0.80	-4.36
10,200.0	4.74	270.36	10,178.7	-363.4	24.6	-363.5	2.93	-2.28	-21.08
10,225.0	3.72	269.13	10,203.7	-363.4	22.7	-363.5	4.10	-4.08	-4.92
10,250.0	2.64	267.33	10,228.6	-363.5	21.4	-363.6	4.34	-4.32	-7.20
10,275.0	2.06	262.83	10,253.6	-363.6	20.3	-363.6	2.43	-2.32	-18.00
10,300.0	1.37	251.11	10,278.6	-363.7	19.6	-363.8	3.08	-2.76	-46.88
10,325.0	0.57	223.60	10,303.6	-363.9	19.2	-364.0	3.61	-3.20	-110.04
10,350.0	0.60	117.52	10,328.6	-364.0	19.3	-364.1	3.74	0.12	-424.32
10,375.0	0.91	104.10	10,353.6	-364.2	19.6	-364.2	1.42	1.24	-53.68
10,400.0	0.91	112.87	10,378.6	-364.3	20.0	-364.4	0.56	0.00	35.08
10,425.0	0.61	118.62	10,403.6	-364.4	20.3	-364.5	1.24	-1.20	23.00
10,450.0	0.46	107.99	10,428.6	-364.5	20.5	-364.6	0.72	-0.60	-42.52
10,475.0	0.21	117.25	10,453.6	-364.6	20.6	-364.7	1.02	-1.00	37.04
10,500.0	0.10	20.84	10,478.6	-364.6	20.7	-364.7	0.97	-0.44	-385.64
10,525.0	0.28	307.34	10,503.6	-364.5	20.6	-364.6	1.08	0.72	-294.00
10,550.0	0.53	299.07	10,528.6	-364.4	20.5	-364.5	1.02	1.00	-33.08
10,575.0	0.89	300.56	10,553.6	-364.3	20.2	-364.3	1.44	1.44	5.96
10,600.0	1.00	301.86	10,578.6	-364.1	19.8	-364.1	0.45	0.44	5.20
10,625.0	1.13	304.04	10,603.6	-363.8	19.5	-363.9	0.54	0.52	8.72
10,650.0	1.41	295.74	10,628.6	-363.5	19.0	-363.6	1.34	1.12	-33.20
10,675.0	1.58	296.63	10,653.5	-363.2	18.4	-363.3	0.69	0.68	3.56
10,700.0	1.50	300.16	10,678.5	-362.9	17.8	-363.0	0.50	-0.32	14.12
10,725.0	0.58	330.61	10,703.5	-362.6	17.4	-362.7	4.17	-3.68	121.80
10,750.0	0.52	31.96	10,728.5	-362.4	17.4	-362.5	2.25	-0.24	245.40
10,775.0	0.47	41.03	10,753.5	-362.3	17.6	-362.3	0.37	-0.20	36.28
10,800.0	0.50	43.44	10,778.5	-362.1	17.7	-362.2	0.15	0.12	9.64
10,825.0	0.41	54.83	10,803.5	-362.0	17.9	-362.1	0.51	-0.36	45.56
10,850.0	0.37	36.25	10,828.5	-361.9	18.0	-361.9	0.53	-0.16	-74.32
10,875.0	0.25	4.04	10,853.5	-361.7	18.0	-361.8	0.83	-0.48	-128.84
10,900.0	0.43	295.92	10,878.5	-361.6	18.0	-361.7	1.64	0.72	-272.48
10,925.0	0.45	300.26	10,903.5	-361.6	17.8	-361.6	0.16	0.08	17.36
10,950.0	0.54	293.87	10,928.5	-361.5	17.6	-361.5	0.42	0.36	-25.56
10,975.0	0.52	310.40	10,953.5	-361.3	17.4	-361.4	0.61	-0.08	66.12
11,000.0	0.55	301.23	10,978.5	-361.2	17.2	-361.3	0.36	0.12	-36.68
11,025.0	0.48	311.01	11,003.5	-361.1	17.0	-361.1	0.45	-0.28	39.12
11,050.0	0.53	323.38	11,028.5	-360.9	16.9	-361.0	0.48	0.20	49.48
11,075.0	0.58	333.87	11,053.5	-360.7	16.8	-360.8	0.45	0.20	41.96
11,100.0	0.62	330.94	11,078.5	-360.5	16.6	-360.5	0.20	0.16	-11.72
11,125.0	0.64	324.32	11,103.5	-360.2	16.5	-360.3	0.30	0.08	-26.48

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

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)
11,150.0	0.72	328.57	11,128.5	-360.0	16.3	-360.1	0.38	0.32	17.00
11,175.0	0.63	324.32	11,153.5	-359.7	16.2	-359.8	0.41	-0.36	-17.00
11,200.0	0.65	311.95	11,178.5	-359.5	16.0	-359.6	0.56	0.08	-49.48
11,225.0	0.55	315.01	11,203.5	-359.4	15.8	-359.4	0.42	-0.40	12.24
11,250.0	0.58	294.60	11,228.5	-359.2	15.6	-359.3	0.81	0.12	-81.64
11,275.0	0.55	284.88	11,253.5	-359.1	15.4	-359.2	0.40	-0.12	-38.88
11,300.0	0.63	286.36	11,278.5	-359.1	15.1	-359.1	0.33	0.32	5.92
11,325.0	0.59	275.43	11,303.5	-359.0	14.8	-359.1	0.49	-0.16	-43.72
11,350.0	0.39	234.37	11,328.5	-359.1	14.7	-359.1	1.57	-0.80	-164.24
11,375.0	0.46	177.72	11,353.5	-359.2	14.6	-359.3	1.63	0.28	-226.60
11,400.0	0.56	180.63	11,378.5	-359.4	14.6	-359.5	0.41	0.40	11.64
11,425.0	0.78	172.63	11,403.5	-359.7	14.6	-359.8	0.95	0.88	-32.00
11,450.0	0.77	170.45	11,428.5	-360.1	14.7	-360.1	0.12	-0.04	-8.72
11,475.0	0.87	178.39	11,453.5	-360.4	14.7	-360.5	0.60	0.40	31.76
11,500.0	1.02	181.88	11,478.5	-360.8	14.7	-360.9	0.64	0.60	13.96
11,525.0	1.02	182.03	11,503.5	-361.3	14.7	-361.3	0.01	0.00	0.60
11,550.0	1.11	190.35	11,528.5	-361.7	14.6	-361.8	0.71	0.36	33.28
11,575.0	1.42	200.95	11,553.5	-362.3	14.5	-362.3	1.55	1.24	42.40
11,600.0	1.15	190.68	11,578.5	-362.8	14.3	-362.8	1.42	-1.08	-41.08
11,625.0	1.19	186.83	11,603.5	-363.3	14.2	-363.4	0.35	0.16	-15.40
11,650.0	1.37	186.86	11,628.5	-363.8	14.2	-363.9	0.72	0.72	0.12
11,657.0	1.42	186.93	11,635.5	-364.0	14.1	-364.1	0.71	0.71	1.00
11,737.0	1.94	174.15	11,715.4	-366.3	14.2	-366.4	0.80	0.65	-15.98
11,810.0	1.73	179.14	11,788.4	-368.7	14.3	-368.7	0.36	-0.29	6.84
11,905.0	2.02	196.32	11,883.3	-371.7	13.9	-371.8	0.66	0.31	18.08
12,000.0	7.16	355.75	11,978.1	-367.4	12.9	-367.5	9.56	5.41	167.82
12,047.0	18.21	2.00	12,023.9	-357.1	13.0	-357.2	23.66	23.51	13.30
12,095.0	19.07	0.53	12,069.4	-341.8	13.3	-341.8	2.04	1.79	-3.06
12,142.0	22.49	1.87	12,113.3	-325.1	13.7	-325.2	7.35	7.28	2.85
12,190.0	22.72	2.64	12,157.7	-306.7	14.4	-306.7	0.78	0.48	1.60
12,237.0	29.00	1.67	12,199.9	-286.2	15.2	-286.3	13.39	13.36	-2.06
12,284.0	36.88	0.45	12,239.3	-260.7	15.6	-260.7	16.82	16.77	-2.60
12,331.0	47.13	1.39	12,274.2	-229.3	16.1	-229.3	21.85	21.81	2.00
12,379.0	48.30	359.75	12,306.5	-193.8	16.5	-193.8	3.51	2.44	-3.42
12,426.0	52.96	358.31	12,336.3	-157.4	15.9	-157.5	10.19	9.91	-3.06
12,473.0	53.83	356.54	12,364.3	-119.8	14.2	-119.8	3.54	1.85	-3.77
12,520.0	59.45	355.57	12,390.2	-80.6	11.4	-80.7	12.08	11.96	-2.06
12,568.0	65.62	355.69	12,412.3	-38.2	8.2	-38.2	12.86	12.85	0.25
12,589.5	69.98	357.75	12,420.4	-18.3	7.1	-18.3	22.15	20.30	9.58
FTP @ 12589.5' MD / 12420.4' TVD									
12,615.0	75.19	0.05	12,428.1	6.0	6.6	6.0	22.15	20.41	9.02
12,662.0	76.64	359.70	12,439.5	51.6	6.5	51.6	3.17	3.09	-0.74
12,709.0	78.74	357.98	12,449.5	97.5	5.6	97.5	5.72	4.47	-3.66

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

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)
12,758.0	87.25	0.95	12,455.5	146.1	5.1	146.1	18.38	17.37	6.06
12,852.0	90.45	1.97	12,457.4	240.0	7.5	240.0	3.57	3.40	1.09
12,946.0	91.10	2.29	12,456.1	334.0	11.0	333.9	0.77	0.69	0.34
13,041.0	92.64	3.14	12,453.0	428.8	15.5	428.7	1.85	1.62	0.89
13,135.0	90.81	2.61	12,450.2	522.6	20.2	522.5	2.03	-1.95	-0.56
13,230.0	88.22	3.50	12,451.0	617.5	25.3	617.4	2.88	-2.73	0.94
13,323.0	88.25	4.22	12,453.8	710.2	31.6	710.1	0.77	0.03	0.77
13,417.0	86.80	3.74	12,457.9	803.9	38.1	803.7	1.62	-1.54	-0.51
13,511.0	89.11	2.85	12,461.3	897.7	43.5	897.5	2.63	2.46	-0.95
13,604.0	91.30	1.58	12,460.9	990.6	47.1	990.4	2.72	2.35	-1.37
13,698.0	89.59	356.01	12,460.2	1,084.5	45.1	1,084.3	6.20	-1.82	-5.93
13,793.0	89.65	354.61	12,460.8	1,179.2	37.3	1,179.1	1.48	0.06	-1.47
13,888.0	91.78	358.60	12,459.6	1,274.0	31.7	1,273.9	4.76	2.24	4.20
13,983.0	92.44	359.56	12,456.1	1,368.9	30.2	1,368.8	1.23	0.69	1.01
14,101.0	90.79	357.57	12,452.8	1,486.8	27.2	1,486.7	2.19	-1.40	-1.69
14,195.0	92.13	358.15	12,450.4	1,580.8	23.7	1,580.6	1.55	1.43	0.62
14,289.0	91.83	359.12	12,447.2	1,674.7	21.5	1,674.6	1.08	-0.32	1.03
14,385.0	92.00	358.63	12,444.0	1,770.6	19.6	1,770.5	0.54	0.18	-0.51
14,480.0	92.37	358.65	12,440.3	1,865.5	17.3	1,865.4	0.39	0.39	0.02
14,574.0	92.92	358.75	12,436.0	1,959.4	15.2	1,959.3	0.59	0.59	0.11
14,667.0	91.75	359.80	12,432.2	2,052.3	14.0	2,052.2	1.69	-1.26	1.13
14,761.0	91.27	0.93	12,429.7	2,146.2	14.6	2,146.2	1.31	-0.51	1.20
14,855.0	91.64	0.87	12,427.4	2,240.2	16.1	2,240.1	0.40	0.39	-0.06
14,950.0	90.21	0.69	12,425.8	2,335.2	17.4	2,335.1	1.52	-1.51	-0.19
15,044.0	89.41	0.04	12,426.1	2,429.2	18.0	2,429.1	1.10	-0.85	-0.69
15,139.0	88.81	0.15	12,427.6	2,524.2	18.2	2,524.1	0.64	-0.63	0.12
15,233.0	89.16	0.07	12,429.3	2,618.2	18.3	2,618.1	0.38	0.37	-0.09
15,326.0	89.41	0.38	12,430.4	2,711.1	18.7	2,711.0	0.43	0.27	0.33
15,420.0	89.35	0.58	12,431.4	2,805.1	19.5	2,805.0	0.22	-0.06	0.21
15,515.0	88.90	0.91	12,432.9	2,900.1	20.7	2,900.0	0.59	-0.47	0.35
15,610.0	89.93	1.25	12,433.9	2,995.1	22.5	2,995.0	1.14	1.08	0.36
15,704.0	89.58	1.65	12,434.3	3,089.1	24.9	3,088.9	0.57	-0.37	0.43
15,799.0	89.96	1.58	12,434.7	3,184.0	27.6	3,183.9	0.41	0.40	-0.07
15,894.0	89.64	1.49	12,435.0	3,279.0	30.1	3,278.8	0.35	-0.34	-0.09
15,988.0	91.32	1.98	12,434.2	3,372.9	33.0	3,372.8	1.86	1.79	0.52
16,083.0	90.36	357.72	12,432.8	3,467.9	32.7	3,467.7	4.60	-1.01	-4.48
16,179.0	90.01	355.89	12,432.5	3,563.8	27.4	3,563.6	1.94	-0.36	-1.91
16,273.0	90.69	358.57	12,431.9	3,657.6	22.8	3,657.5	2.94	0.72	2.85
16,368.0	91.29	359.25	12,430.3	3,752.6	21.0	3,752.5	0.95	0.63	0.72
16,463.0	91.83	359.48	12,427.7	3,847.6	20.0	3,847.4	0.62	0.57	0.24
16,559.0	91.83	359.36	12,424.6	3,943.5	19.0	3,943.4	0.12	0.00	-0.13
16,653.0	92.09	359.59	12,421.4	4,037.4	18.1	4,037.3	0.37	0.28	0.24
16,748.0	91.66	0.45	12,418.3	4,132.4	18.2	4,132.3	1.01	-0.45	0.91
16,843.0	89.44	1.34	12,417.4	4,227.4	19.6	4,227.2	2.52	-2.34	0.94

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

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)
16,937.0	89.28	1.80	12,418.4	4,321.3	22.2	4,321.2	0.52	-0.17	0.49
17,032.0	89.75	2.31	12,419.2	4,416.3	25.6	4,416.1	0.73	0.49	0.54
17,127.0	90.96	1.21	12,418.7	4,511.2	28.5	4,511.1	1.72	1.27	-1.16
17,222.0	91.12	0.09	12,416.9	4,606.2	29.6	4,606.0	1.19	0.17	-1.18
17,317.0	90.39	359.20	12,415.7	4,701.2	29.0	4,701.0	1.21	-0.77	-0.94
17,411.0	90.22	358.58	12,415.2	4,795.2	27.2	4,795.0	0.68	-0.18	-0.66
17,506.0	91.38	358.44	12,413.9	4,890.1	24.7	4,890.0	1.23	1.22	-0.15
17,601.0	89.85	358.26	12,412.8	4,985.1	22.0	4,984.9	1.62	-1.61	-0.19
17,696.0	88.93	357.95	12,413.8	5,080.0	18.9	5,079.9	1.02	-0.97	-0.33
17,791.0	88.19	357.06	12,416.2	5,174.9	14.7	5,174.8	1.22	-0.78	-0.94
17,885.0	89.45	357.17	12,418.2	5,268.7	10.0	5,268.7	1.35	1.34	0.12
17,981.0	90.47	359.98	12,418.2	5,364.7	7.6	5,364.6	3.11	1.06	2.93
18,075.0	88.90	1.02	12,418.8	5,458.7	8.4	5,458.6	2.00	-1.67	1.11
18,169.0	89.16	0.79	12,420.3	5,552.7	9.9	5,552.6	0.37	0.28	-0.24
18,263.0	89.58	0.71	12,421.4	5,646.7	11.1	5,646.6	0.45	0.45	-0.09
18,357.0	89.99	0.16	12,421.7	5,740.7	11.9	5,740.6	0.73	0.44	-0.59
18,452.0	90.55	0.22	12,421.3	5,835.7	12.2	5,835.5	0.59	0.59	0.06
18,547.0	87.53	0.06	12,422.9	5,930.6	12.4	5,930.5	3.18	-3.18	-0.17
18,642.0	87.31	359.66	12,427.2	6,025.5	12.2	6,025.4	0.48	-0.23	-0.42
18,736.0	88.45	359.76	12,430.6	6,119.5	11.7	6,119.4	1.22	1.21	0.11
18,830.0	88.17	359.89	12,433.4	6,213.4	11.4	6,213.3	0.33	-0.30	0.14
18,925.0	88.22	359.53	12,436.4	6,308.4	10.9	6,308.3	0.38	0.05	-0.38
19,019.0	87.06	359.03	12,440.3	6,402.3	9.8	6,402.2	1.34	-1.23	-0.53
19,114.0	90.72	2.33	12,442.1	6,497.2	10.9	6,497.1	5.19	3.85	3.47
19,209.0	91.87	0.67	12,440.0	6,592.2	13.4	6,592.1	2.13	1.21	-1.75
19,303.0	93.51	0.02	12,435.5	6,686.1	13.9	6,685.9	1.88	1.74	-0.69
19,398.0	92.95	0.20	12,430.2	6,780.9	14.1	6,780.8	0.62	-0.59	0.19
19,493.0	90.04	359.24	12,427.7	6,875.9	13.7	6,875.7	3.23	-3.06	-1.01
19,588.0	90.84	359.24	12,427.0	6,970.9	12.4	6,970.7	0.84	0.84	0.00
19,682.0	91.92	359.65	12,424.7	7,064.8	11.5	7,064.7	1.23	1.15	0.44
19,777.0	89.95	358.18	12,423.2	7,159.8	9.7	7,159.7	2.59	-2.07	-1.55
19,872.0	90.10	356.48	12,423.1	7,254.7	5.3	7,254.6	1.80	0.16	-1.79
19,964.0	90.50	358.48	12,422.6	7,346.6	1.2	7,346.5	2.22	0.43	2.17
20,059.0	91.86	358.71	12,420.7	7,441.5	-1.1	7,441.5	1.45	1.43	0.24
20,153.0	90.05	359.68	12,419.1	7,535.5	-2.4	7,535.4	2.18	-1.93	1.03
20,245.0	89.68	0.04	12,419.3	7,627.5	-2.7	7,627.4	0.56	-0.40	0.39
20,340.0	90.10	0.79	12,419.5	7,722.5	-2.0	7,722.4	0.90	0.44	0.79
20,434.0	90.86	0.62	12,418.7	7,816.5	-0.8	7,816.4	0.83	0.81	-0.18
20,529.0	88.24	359.88	12,419.5	7,911.5	-0.4	7,911.4	2.87	-2.76	-0.78
20,627.0	88.70	359.65	12,422.1	8,009.4	-0.8	8,009.4	0.52	0.47	-0.23
20,722.0	88.13	359.45	12,424.7	8,104.4	-1.6	8,104.3	0.64	-0.60	-0.21
20,817.0	87.82	359.54	12,428.1	8,199.3	-2.4	8,199.3	0.34	-0.33	0.09
20,909.0	89.88	357.93	12,429.9	8,291.3	-4.4	8,291.2	2.84	2.24	-1.75

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

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)
21,004.0	92.01	358.09	12,428.4	8,386.2	-7.7	8,386.2	2.25	2.24	0.17
21,099.0	91.81	358.06	12,425.2	8,481.1	-10.9	8,481.1	0.21	-0.21	-0.03
21,194.0	92.21	358.42	12,421.9	8,576.0	-13.8	8,576.0	0.57	0.42	0.38
21,288.0	91.58	358.61	12,418.8	8,669.9	-16.3	8,669.9	0.70	-0.67	0.20
21,383.0	88.53	359.55	12,418.7	8,764.9	-17.8	8,764.9	3.36	-3.21	0.99
21,478.0	87.48	359.13	12,422.0	8,859.8	-18.9	8,859.8	1.19	-1.11	-0.44
21,572.0	86.89	359.53	12,426.6	8,953.7	-20.0	8,953.7	0.76	-0.63	0.43
21,667.0	87.43	0.23	12,431.3	9,048.6	-20.2	9,048.6	0.93	0.57	0.74
21,761.0	88.33	359.76	12,434.8	9,142.5	-20.2	9,142.5	1.08	0.96	-0.50
21,856.0	89.71	0.05	12,436.4	9,237.5	-20.3	9,237.5	1.48	1.45	0.31
21,951.0	90.28	359.80	12,436.4	9,332.5	-20.5	9,332.5	0.66	0.60	-0.26
22,043.0	92.30	359.84	12,434.3	9,424.5	-20.8	9,424.5	2.20	2.20	0.04
22,137.0	91.99	359.94	12,430.8	9,518.4	-20.9	9,518.4	0.35	-0.33	0.11
22,232.0	91.18	358.86	12,428.2	9,613.4	-21.9	9,613.4	1.42	-0.85	-1.14
22,326.0	91.18	359.20	12,426.3	9,707.3	-23.5	9,707.3	0.36	0.00	0.36
22,421.0	90.04	358.97	12,425.2	9,802.3	-25.0	9,802.3	1.22	-1.20	-0.24
22,516.0	89.79	359.76	12,425.4	9,897.3	-26.1	9,897.3	0.87	-0.26	0.83
22,611.0	90.50	0.51	12,425.1	9,992.3	-25.9	9,992.3	1.09	0.75	0.79
22,706.0	90.04	0.98	12,424.7	10,087.3	-24.6	10,087.3	0.69	-0.48	0.49
22,798.0	90.24	1.62	12,424.5	10,179.3	-22.5	10,179.3	0.73	0.22	0.70
22,892.0	90.30	2.34	12,424.0	10,273.2	-19.3	10,273.2	0.77	0.06	0.77
22,986.0	91.06	1.37	12,422.9	10,367.2	-16.2	10,367.1	1.31	0.81	-1.03
23,081.0	89.42	1.18	12,422.5	10,462.1	-14.1	10,462.1	1.74	-1.73	-0.20
23,176.0	90.04	0.11	12,423.0	10,557.1	-13.1	10,557.1	1.30	0.65	-1.13
23,271.0	90.65	0.32	12,422.4	10,652.1	-12.7	10,652.1	0.68	0.64	0.22
23,366.0	90.59	358.91	12,421.4	10,747.1	-13.3	10,747.1	1.49	-0.06	-1.48
23,456.0	90.76	358.77	12,420.3	10,837.1	-15.2	10,837.0	0.24	0.19	-0.16
23,551.0	90.50	358.52	12,419.3	10,932.0	-17.4	10,932.0	0.38	-0.27	-0.26
23,644.0	91.66	358.74	12,417.5	11,025.0	-19.6	11,025.0	1.27	1.25	0.24
23,739.0	91.22	359.34	12,415.1	11,120.0	-21.2	11,119.9	0.78	-0.46	0.63
23,833.0	90.33	359.03	12,413.8	11,213.9	-22.6	11,213.9	1.00	-0.95	-0.33
23,927.0	91.18	359.35	12,412.6	11,307.9	-23.9	11,307.9	0.97	0.90	0.34
24,021.0	89.13	359.51	12,412.4	11,401.9	-24.8	11,401.9	2.19	-2.18	0.17
24,116.0	88.25	359.01	12,414.5	11,496.9	-26.1	11,496.9	1.07	-0.93	-0.53
24,208.0	87.51	359.14	12,417.9	11,588.8	-27.5	11,588.8	0.82	-0.80	0.14
24,302.0	88.00	358.88	12,421.6	11,682.7	-29.2	11,682.7	0.59	0.52	-0.28
24,397.0	88.10	359.02	12,424.8	11,777.6	-30.9	11,777.7	0.18	0.11	0.15
24,491.0	89.33	359.53	12,426.9	11,871.6	-32.1	11,871.6	1.42	1.31	0.54
24,586.0	90.86	359.92	12,426.8	11,966.6	-32.6	11,966.6	1.66	1.61	0.41
24,680.0	90.56	0.34	12,425.6	12,060.6	-32.3	12,060.6	0.55	-0.32	0.45
24,775.0	90.04	1.23	12,425.1	12,155.6	-31.0	12,155.6	1.09	-0.55	0.94
24,870.0	91.19	0.23	12,424.1	12,250.6	-29.8	12,250.6	1.60	1.21	-1.05
24,964.0	91.53	1.42	12,421.9	12,344.5	-28.5	12,344.5	1.32	0.36	1.27

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

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)
25,059.0	89.70	359.13	12,420.9	12,439.5	-28.0	12,439.5	3.09	-1.93	-2.41
25,153.0	89.87	359.06	12,421.2	12,533.5	-29.5	12,533.5	0.20	0.18	-0.07
25,247.0	90.12	359.77	12,421.2	12,627.5	-30.5	12,627.5	0.80	0.27	0.76
25,342.0	90.84	0.31	12,420.4	12,722.5	-30.4	12,722.5	0.95	0.76	0.57
25,437.0	88.79	0.24	12,420.7	12,817.5	-29.9	12,817.5	2.16	-2.16	-0.07
25,532.0	90.32	359.63	12,421.5	12,912.5	-30.0	12,912.5	1.73	1.61	-0.64
25,627.0	89.79	0.07	12,421.4	13,007.5	-30.3	13,007.5	0.73	-0.56	0.46
25,720.0	92.72	358.53	12,419.3	13,100.4	-31.4	13,100.5	3.56	3.15	-1.66
25,812.0	92.35	358.60	12,415.3	13,192.3	-33.7	13,192.3	0.41	-0.40	0.08
25,907.0	92.33	359.12	12,411.4	13,287.2	-35.6	13,287.3	0.55	-0.02	0.55
26,002.0	92.04	0.03	12,407.8	13,382.1	-36.3	13,382.2	1.00	-0.31	0.96
26,097.0	92.07	359.84	12,404.4	13,477.1	-36.4	13,477.1	0.20	0.03	-0.20
26,191.0	92.01	359.52	12,401.0	13,571.0	-37.0	13,571.1	0.35	-0.06	-0.34
26,285.0	88.54	359.18	12,400.6	13,665.0	-38.0	13,665.0	3.71	-3.69	-0.36
26,380.0	88.41	359.49	12,403.1	13,760.0	-39.1	13,760.0	0.35	-0.14	0.33
26,475.0	87.67	359.52	12,406.3	13,854.9	-39.9	13,854.9	0.78	-0.78	0.03
26,570.0	87.39	359.98	12,410.4	13,949.8	-40.4	13,949.9	0.57	-0.29	0.48
26,665.0	90.32	359.29	12,412.3	14,044.8	-41.0	14,044.8	3.17	3.08	-0.73
26,760.0	90.45	359.66	12,411.7	14,139.8	-41.8	14,139.8	0.41	0.14	0.39
26,855.0	90.53	359.12	12,410.9	14,234.8	-42.8	14,234.8	0.57	0.08	-0.57
26,948.0	90.15	359.76	12,410.3	14,327.8	-43.8	14,327.8	0.80	-0.41	0.69
27,043.0	89.82	359.42	12,410.4	14,422.8	-44.4	14,422.8	0.50	-0.35	-0.36
27,137.0	89.72	0.09	12,410.7	14,516.8	-44.8	14,516.8	0.72	-0.11	0.71
27,232.0	90.15	0.08	12,410.8	14,611.8	-44.7	14,611.8	0.45	0.45	-0.01
27,327.0	90.38	0.12	12,410.4	14,706.8	-44.5	14,706.8	0.25	0.24	0.04
27,420.0	90.61	0.30	12,409.6	14,799.7	-44.2	14,799.8	0.31	0.25	0.19
27,515.0	90.75	0.58	12,408.5	14,894.7	-43.5	14,894.8	0.33	0.15	0.29
27,609.0	91.41	0.89	12,406.7	14,988.7	-42.3	14,988.8	0.78	0.70	0.33
27,704.0	91.93	1.89	12,403.9	15,083.6	-40.0	15,083.7	1.19	0.55	1.05
27,797.0	92.23	2.26	12,400.6	15,176.5	-36.6	15,176.5	0.51	0.32	0.40
27,838.0	92.44	1.99	12,398.9	15,217.5	-35.1	15,217.5	0.83	0.51	-0.66
LAST SURVEY @ 27838' MD / 12398.9' TVD									
27,869.3	92.44	1.99	12,397.6	15,248.7	-34.0	15,248.7	0.00	0.00	0.00
LTP @ 27869.3' MD / 12397.6' TVD									
27,901.0	92.44	1.99	12,396.2	15,280.4	-32.9	15,280.4	0.00	0.00	0.00
PTB @ 27901' MD / 12396.2' TVD									

ConocoPhillips

Survey Report

Company:	DELAWARE BASIN EAST	**Local Co-ordinate Reference:**	Well SUPREME FEDERAL COM #606H
Project:	BULLDOG PROSPECT (NM-E)	**TVD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Site:	SUPREME FED COM PROJECT	**MD Reference:**	RKB 30ft + GL 3692.2ft @ 3722.2usft
Well:	SUPREME FEDERAL COM #606H	**North Reference:**	Grid
Wellbore:	OWB	**Survey Calculation Method:**	Minimum Curvature
Design:	AWP	**Database:**	EDT 15 Central Prod

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
12,589.5	12,420.4	-18.3	7.1	FTP @ 12589.5' MD / 12420.4' TVD
27,838.0	12,398.9	15,217.5	-35.1	LAST SURVEY @ 27838' MD / 12398.9' TVD
27,869.3	12,397.6	15,248.7	-34.0	LTP @ 27869.3' MD / 12397.6' TVD
27,901.0	12,396.2	15,280.4	-32.9	PTB @ 27901' MD / 12396.2' TVD

Checked By: _____ Approved By: _____ Date: _____

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

06/22/2023

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: Producing Oil Well

Operator: COG OPERATING LLC

Subsequent Report

Sundry ID: 2735799

Type of Submission: Subsequent Report

Type of Action: Hydraulic Fracturing

Date Sundry Submitted: 06/14/2023

Time Sundry Submitted: 12:58

Date Operation Actually Began: 01/22/2023

Actual Procedure: 1/22/2023 Test 9 5/8" x 5 ½" annulus to 1500#, 1/23/2023 Set CBD @ 27,825' and test csg to 11,676psi. Good Test. 1/27/2023 – 2/25/2023 Perf 12,615' – 27,817' (1800 shots, .38). Acidize w. 7.5% HCL. 37,833,595# proppant in 716,927BBLS clean fluid. 4/1/2023 –4/4/2023 Drilled out CPFs. Clean down to PBTD @ 27,866'. 4/21/2023 Set 2 7/8 6.5# L-80tbg @ 11,985.6' 6/2/2023 – First Production

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:** Producing Oil 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: DANIELLE WALKUP

Signed on: JUN 14, 2023 12:58 PM

Name: COG OPERATING LLC

Title: Regulatory Technician

Street Address: 600 W. ILLINOIS

City: MIDLAND **State:** TX

Phone: (432) 253-9685

Email address: D.D.WALKUP@CONOCOPHILLIPS.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

Submit To Appropriate District Office
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised April 3, 2017

1. WELL API NO.
30-025-49675

2. Type of Lease
☐ STATE ☐ FEE ☒ FED/INDIAN

3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☒ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name
Supreme Federal Com

6. Well Number:
606H

7. Type of Completion:
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator
COG Operating

9. OGRID
229137

10. Address of Operator
600 W. Illinois Ave
Midland, TX 97901

11. Pool name or Wildcat
Brinninstool; Wolfcamp

12.Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	21	23S	33E		485	S	1340	W	LEA
BH:	C	9	23S	33E		79	N	1418	W	LEA

13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)	17. Elevations (DF and RKB, RT, GR, etc.)
6/23/2022	9/26/2022	9/29/2022	6/2/2023	3307

18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run
27901	27866	Y	CNL

22. Producing Interval(s), of this completion - Top, Bottom, Name
Wolfcamp

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10.75	45.5	1407	14.75	950 SKS	
7.625	29.7	11787	8.75	2945 SKS	
5.5	23	27866	6.75	1990 SKS	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2.875	11985.6	

26. Perforation record (interval, size, and number)
12,615-27,817, .38 1800 shots

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12,615-27,817	Acidize w/ 7.5% HCl. 37,833,595LBS TOTAL PROPPANT IN 716,927BBLS CLEAN FLUID

28. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
6/2/2023	*GAS LIFT*	*PRODUCING*

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil – Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6/2/2023	15	20/64		196	432	1474	2204

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - *(Corr.)*
3580	3990		313	691	2358	

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
SOLD

30. Test Witnessed By

31. List Attachments
Completion Package/C102, BLM Completion, etc

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. Rig Release Date:

34. If an on-site burial was used at the well, report the exact location of the on-site burial:
Latitude Longitude NAD83

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief
Printed Name: Danielle D. Walkup
Signature D.D.Walkup Title Regulatory Coord. Date:6/12/2023
E-mail Address: d.d.walkup@conocophillips.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico	
T.Rustler	1392	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	1861	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	4954	T. Atoka	T. Fruitland	T. Penn. "C"
T. Lamar	5218	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Bell Canyon	5269	T. Devonian	T. Cliff House	T. Leadville
T. Cherry Canyon	6156	T. Silurian	T. Menefee	T. Madison
T. Brushy Canyon	7434	T. Montoya	T. Point Lookout	T. Elbert
T. Bone Spring Lime	9103	T. Simpson	T. Mancos	T. McCracken
T. 1st Bone Spring	10242	T. McKee	T. Gallup	T. Ignacio Otzte
T. 2nd Bone Spring	10876	T. Ellenburger	Base Greenhorn	T.Granite
T. 3rd Bone Spring	12026	T. Gr. Wash	T. Dakota	
T. Wolfcamp	12463	T. Delaware Sand	T. Morrison	
		T. Bone Springs	T.Todilto	
		T.	T. Entrada	
		T.	T. Wingate	
		T.	T. Chinle	
		T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from……..……..….to……. No. 3, from……to……..……
No. 2, from……to…… No. 4, from……to…….

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
No. 1, from…….to……feet……
No. 2, from…….to……feet……
No. 3, from…….to……feet……

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology		From	To	Thickness In Feet	Lithology

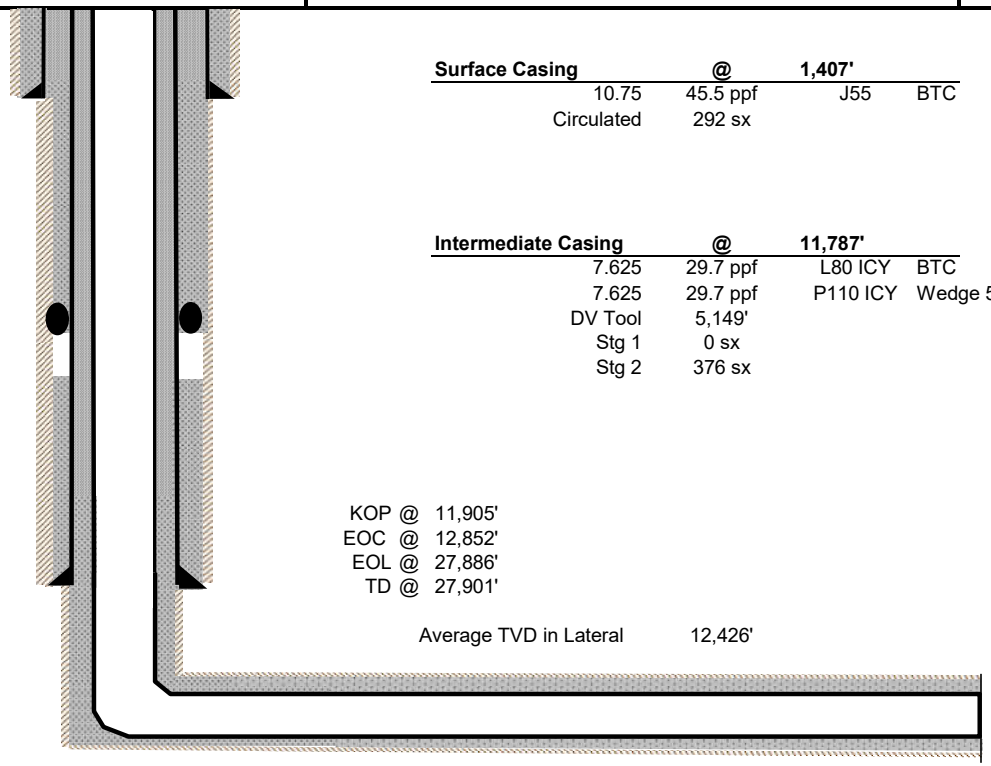
CURRENT WELL SKETCH

API: 30-025-49675
SPUD: 6/23/2022
FRR: 9/29/2022
RIG: Scandrill Quest

SUPREME FEDERAL COM 606H

Brinninstool/Wolfcamp West
Lea County

Sec 21 T/B 23S R/Svy 33E
SHL: 485' FSL & 1340' FWL
BHL: 78' FNL & 1418' FWL (est.)
Sec 9 T/B 23S R/Svy 33E
GL: 3,692'
KB: 3,722'
ZERO: 30'



Surface Casing @ **1,407'**

10.75	45.5 ppf	J55	BTC	
Circulated	292 sx			

Intermediate Casing @ **11,787'**

7.625	29.7 ppf	L80 ICY	BTC	fr/ Surf - 8,800'
7.625	29.7 ppf	P110 ICY	Wedge 513	fr/ 8,800' - 11,787'
DV Tool	5,149'			
Stg 1	0 sx			
Stg 2	376 sx			

KOP @ 11,905'
EOC @ 12,852'
EOL @ 27,886'
TD @ 27,901'

Average TVD in Lateral 12,426'

Notes: Wet Shoe

Production Casing @ **27,886'**

5.5	23 ppf	P110 CY	TXP-BTC	fr/ Surf - 11,372'
5.5	23 ppf	P110 CY	Wedge 441	fr/ 11,372' - 27,886'
PBTD (LC):	27,850'			
MJ:	11,225'			
Floatation Collar:	11,327'			
Circulated:	464 sx			

HOLE SIZE	MW	BHST	Evaluation
14.75"	9 (ppg)		No Logs
9.875" & 8.75"	9.35 (ppg)		No Logs
6.75"	12.75 (ppg)	173° F	Cased-Hole Logs

Updated b Johanny Cuauro
Date: 10/21/2022

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

ACKNOWLEDGMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 231701
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☑	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☑	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 231701
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days of BLM approval.	8/18/2025