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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

OCD – HOBBS
11/09/2020
RECEIVED

FORM C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

☐ **AMENDED REPORT**

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1]API Number	[2]Pool Code	[3]Pool Name
30-025-46453	98116	WC025 G09 S253402N; WOLFCAMP

[4]Property Code	[5]Property Name	[6]Well Number
313188	OSPREY 10	707H

[7]OGRID No.	[8]Operator Name	[9]Elevation
7377	EOG RESOURCES, INC.	3333'

[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	10	25–S	34–E	–	200'	SOUTH	1733'	WEST	LEA

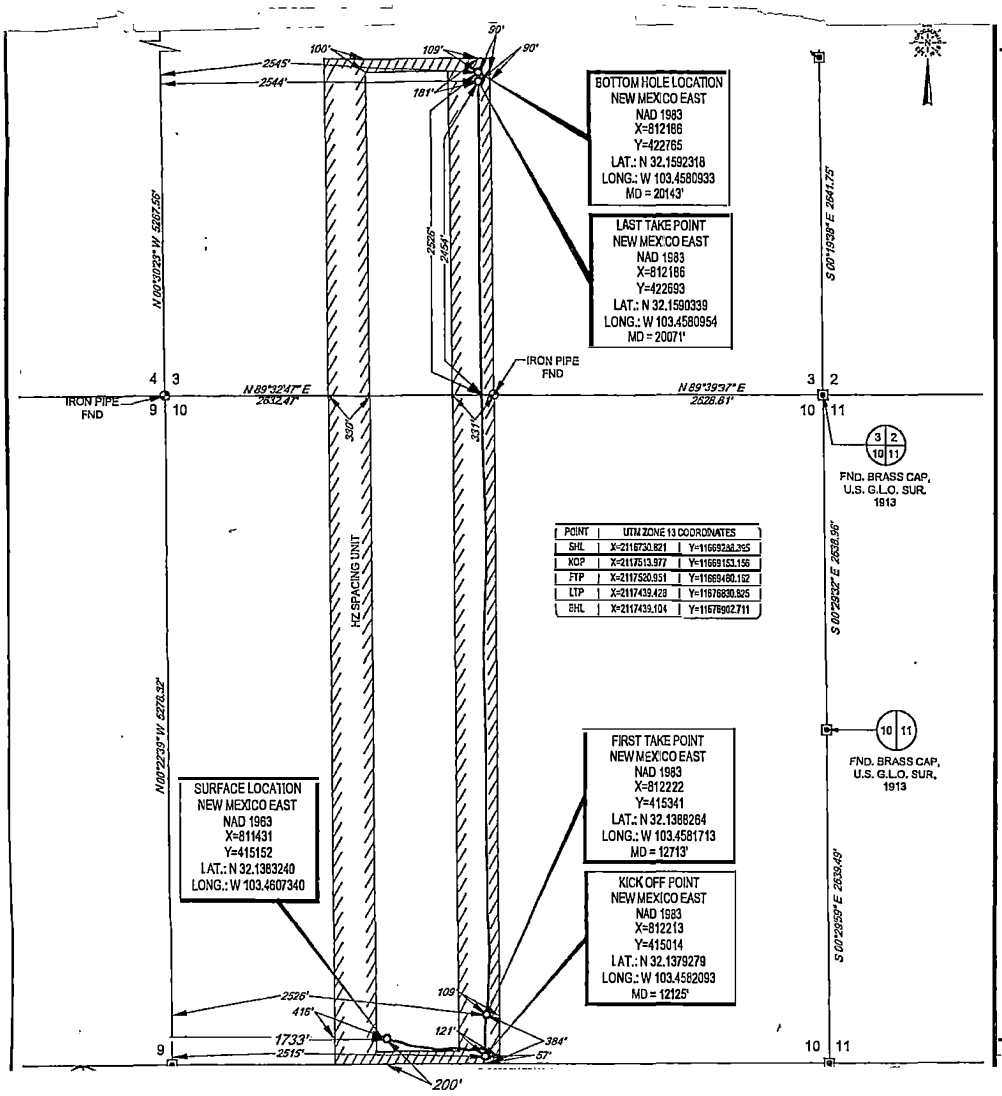
[11]Bottom Hole Location If Different From Surface

NSL-8093

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	3	25–S	34–E	–	2526'	SOUTH	2545'	WEST	LEA

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
240.00			

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.



[17]OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Kay Maddox — 10/13/2020
Signature — Date

KAY MADDOX
Printed Name

kay_maddox@eogresources.com
E-mail Address

[18]SURVEYOR CERTIFICATION

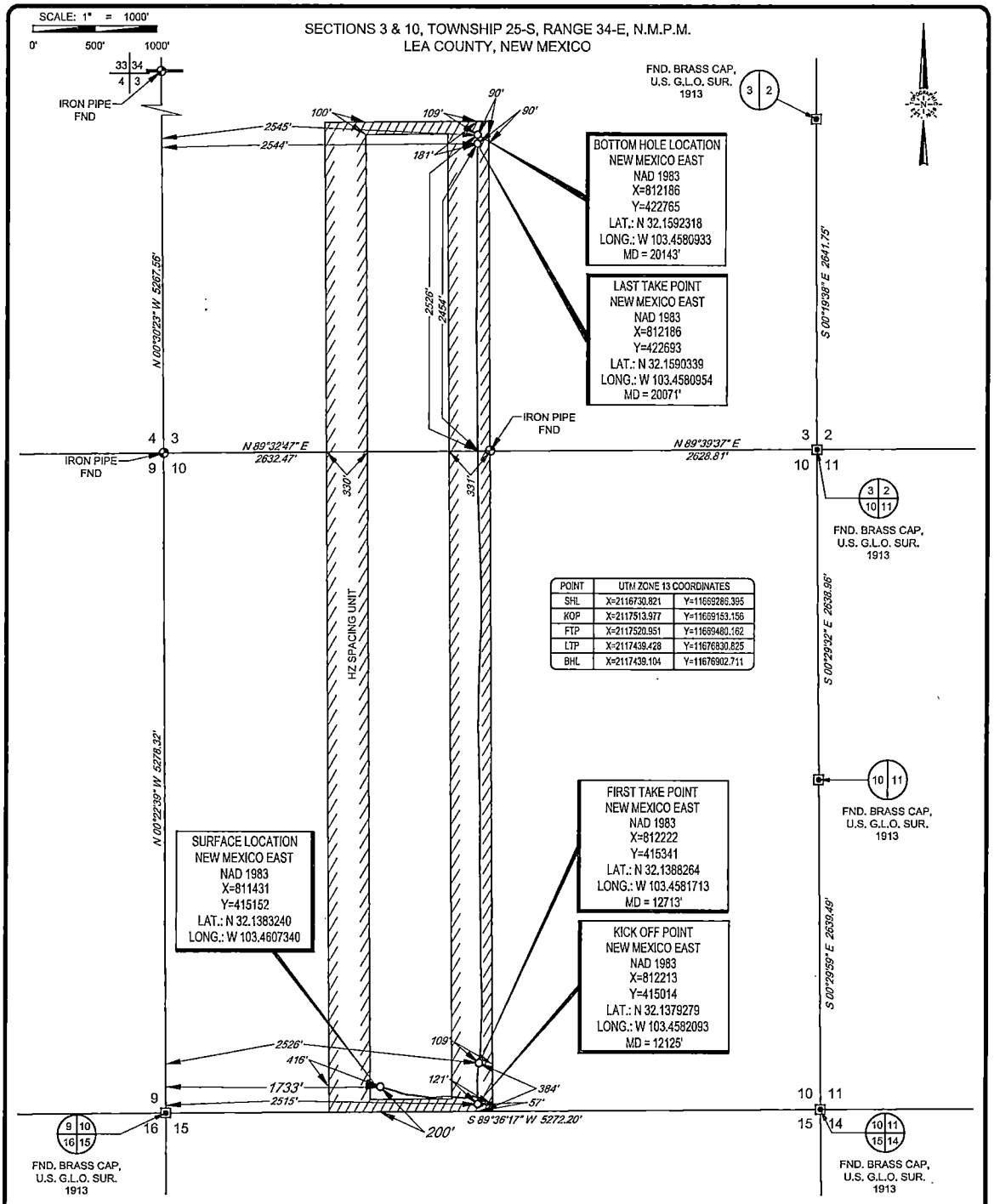
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

07/06/2019
Date of Survey
Signature and Seal of Professional Surveyor

RAMON A. DOMINGUEZ — NEW MEXICO — 24508 — PROFESSIONAL SURVEYOR

Certificate Number

OSPREY_10_707H_C-102_REV2.DWG 10/21/2019 1:51:45 PM rdominguez



POINT	UTM ZONE 13 COORDINATES	
SHL	X=2116730.821	Y=11669286.395
KOP	X=2117513.977	Y=11669153.156
FTP	X=2117520.951	Y=11669480.162
LTP	X=2117439.428	Y=11676830.825
BHL	X=2117439.104	Y=11676902.711

LEASE NAME & WELL NO.: OSPREY 10 #707H

SECTION 10 TWP 25-S RGE 34-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3333'

DESCRIPTION 200' FSL & 1733' FWL

RAMON A. DOMINGUEZ NEW MEXICO 24508 PROFESSIONAL SURVEYOR

Ramon Dominguez, P.S. No. 24508

JULY 23, 2020

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

eog resources, inc.

OSPREY 10 #707H
AS-COMPLETE

DATE: 07/23/2020

FILE:AD_OSPREY_10_707H

DRAWN BY: H.B.

SHEET: 1 OF 1

REVISION:

NOTES:
1. ORIGINAL DOCUMENT SIZE: 8.5" X 14"
2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.
3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
4. ADJOINER INFORMATION USED FOR INFORMATIONAL PURPOSES ONLY.

S:\SURVEY\EOG_MIDLAND\OSPREY_10_FEET\FINAL_PRODUCTS\AD_OSPREY_10_707H.DWG 7/23/2020 1:19:25 PM rdominguez

Intent [ ] As Drilled [XXX]

API #
30-025-46453

Operator Name:	Property Name:	Well Number
EOG RESOURCES, INC	OSPREY 10	707H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	10	25S	34E		57	SOUTH	2515	WEST	LEA

Latitude	Longitude	NAD
32.1379279	103.4582093	1983

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	10	25S	34E		384	SOUTH	2526	WEST	LEA

Latitude	Longitude	NAD
32.1388264	103.4581713	1983

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	03	25S	34E		2454	SOUTH	2544	WEST	LEA

Latitude	Longitude	NAD
32.1590339	103.4580954	1983

Is this well the defining well for the Horizontal Spacing Unit? [NO]

Is this well an infill well? [YES]

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

API #
30-025-45525

Operator Name:	Property Name:	Well Number
EOG RESOURCES, INC	OSPREY 10	#706H

KZ 06/29/2018

KZ

eog resources

EOG Resources - Midland

Lea County, NM (NAD 83 NME)
Osprey 10
#707H
OH

Design: OH

Midland PVA

09 December, 2019

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3358.0usft
Site:	Osprey 10	MD Reference:	KB = 25 @ 3358.0usft
Well:	#707H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Project Lea County, NM (NAD 83 NME)

Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site Osprey 10

Site Position:		Northing:	415,148.00 usft	Latitude:	32° 8' 18.063 N
From:	Map	Easting:	809,711.00 usft	Longitude:	103° 27' 58.640 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.46 °

Well #707H

Well Position	+N/-S	0.0 usft	Northing:	415,152.00 usft	Latitude:	32° 8' 17.965 N
	+E/-W	0.0 usft	Easting:	811,431.00 usft	Longitude:	103° 27' 38.637 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,333.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/25/2019	6.63	59.97	47,648.57655460

Design OH

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	5.68

Survey Program Date 12/9/2019

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
197.0	20,143.0	Driltech (OH)	EOG MWD+IFR1	MWD + IFR1

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3358.0usft
Site:	Osprey 10	MD Reference:	KB = 25 @ 3358.0usft
Well:	#707H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
197.0	1.06	81.35	197.0	0.3	1.8	0.54	0.54	0.00	-1.8	0.0
225.0	1.06	84.95	225.0	0.3	2.3	0.24	0.00	12.86	-2.3	0.1
310.0	0.88	91.37	310.0	0.4	3.8	0.25	-0.21	7.55	-3.7	0.5
397.0	0.88	67.02	397.0	0.6	5.0	0.43	0.00	-27.99	-4.9	-1.4
485.0	0.62	88.47	485.0	0.9	6.1	0.43	-0.30	24.37	-6.2	0.7
571.0	0.18	14.29	571.0	1.1	6.6	0.69	-0.51	-86.26	-2.7	-6.2
668.0	0.18	315.14	668.0	1.3	6.6	0.18	0.00	-60.98	3.7	-5.6
763.0	0.35	287.45	763.0	1.5	6.2	0.22	0.18	-29.15	5.4	-3.3
857.0	0.62	256.78	856.9	1.5	5.4	0.39	0.29	-32.63	5.6	-0.2
950.0	0.70	269.17	949.9	1.3	4.4	0.18	0.09	13.32	4.4	-1.3
1,036.0	0.79	270.75	1,035.9	1.3	3.2	0.11	0.10	1.84	3.2	-1.4
1,131.0	1.41	136.63	1,130.9	0.5	3.4	2.15	0.65	-141.18	-1.8	2.7
1,226.0	3.87	116.68	1,225.8	-1.8	7.0	2.73	2.59	-21.00	-4.4	0.8
1,320.0	6.42	111.84	1,319.4	-5.2	14.8	2.75	2.71	-5.15	-7.4	-1.0
1,413.0	9.41	106.57	1,411.5	-9.3	26.9	3.31	3.22	-5.67	-11.5	-3.2
1,508.0	10.82	102.88	1,505.1	-13.5	43.0	1.63	1.48	-3.88	-16.0	-5.0
1,603.0	11.08	104.37	1,598.3	-17.7	60.6	0.40	0.27	1.57	-19.2	-5.5
1,697.0	11.61	105.69	1,690.5	-22.5	78.4	0.63	0.56	1.40	-21.5	-6.5
1,791.0	12.31	106.83	1,782.5	-28.0	97.1	0.79	0.74	1.21	-24.8	-7.8
1,884.0	12.66	107.54	1,873.3	-33.9	116.3	0.41	0.38	0.76	-28.9	-9.5
1,978.0	12.93	110.26	1,964.9	-40.7	136.0	0.70	0.29	2.89	-34.0	-10.6
2,073.0	13.19	110.52	2,057.5	-48.1	156.1	0.28	0.27	0.27	-39.2	-13.5
2,167.0	13.28	104.81	2,149.0	-54.7	176.6	1.39	0.10	-6.07	-42.9	-19.7
2,260.0	14.33	101.82	2,239.3	-59.8	198.2	1.36	1.13	-3.22	-47.8	-23.0
2,354.0	13.19	97.34	2,330.6	-63.5	220.2	1.66	-1.21	-4.77	-51.9	-26.7
2,449.0	12.93	94.44	2,423.1	-65.7	241.6	0.74	-0.27	-3.05	-55.5	-28.2

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3358.0usft
Site:	Osprey 10	MD Reference:	KB = 25 @ 3358.0usft
Well:	#707H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
2,542.0	13.54	94.97	2,513.7	-67.5	262.8	0.67	0.66	0.57	-60.9	-26.1
2,636.0	12.75	96.29	2,605.2	-69.6	284.1	0.90	-0.84	1.40	-66.6	-23.4
2,731.0	12.05	98.66	2,698.0	-72.2	304.3	0.91	-0.74	2.49	-71.3	-19.9
2,826.0	13.01	99.19	2,790.7	-75.4	324.6	1.02	1.01	0.56	-75.5	-18.9
2,921.0	13.10	98.75	2,883.3	-78.7	345.8	0.14	0.09	-0.46	-80.3	-19.2
3,014.0	13.89	99.54	2,973.7	-82.2	367.3	0.87	0.85	0.85	-86.1	-17.8
3,109.0	14.77	94.70	3,065.7	-85.1	390.6	1.56	0.93	-5.09	-91.3	-24.4
3,203.0	14.33	88.29	3,156.7	-85.7	414.2	1.77	-0.47	-6.82	-95.7	-32.2
3,298.0	13.63	85.83	3,248.9	-84.5	437.1	0.97	-0.74	-2.59	-101.2	-32.7
3,392.0	12.84	83.28	3,340.4	-82.5	458.5	1.04	-0.84	-2.71	-105.5	-32.8
3,487.0	14.07	81.43	3,432.8	-79.6	480.4	1.37	1.29	-1.95	-110.8	-31.2
3,581.0	13.37	87.32	3,524.1	-77.4	502.5	1.66	-0.74	6.27	-119.7	-15.1
3,674.0	13.54	88.90	3,614.6	-76.6	524.2	0.44	0.18	1.70	-125.8	-8.4
3,770.0	13.45	93.65	3,707.9	-77.1	546.6	1.16	-0.09	4.95	-131.9	4.7
3,865.0	11.34	98.57	3,800.7	-79.2	566.8	2.48	-2.22	5.18	-134.8	17.2
3,960.0	11.43	95.23	3,893.8	-81.5	585.4	0.70	0.09	-3.52	-137.7	10.3
4,055.0	11.70	92.86	3,986.9	-82.8	604.4	0.58	0.28	-2.49	-140.6	6.3
4,146.0	10.20	96.02	4,076.3	-84.1	621.7	1.77	-1.65	3.47	-141.4	15.6
4,240.0	9.94	94.97	4,168.8	-85.7	638.0	0.34	-0.28	-1.12	-141.7	14.3
4,335.0	9.67	92.42	4,262.4	-86.7	654.2	0.54	-0.28	-2.68	-141.9	9.9
4,430.0	8.88	89.25	4,356.2	-87.0	669.5	0.99	-0.83	-3.34	-141.2	4.9
4,523.0	8.27	84.24	4,448.1	-86.2	683.3	1.04	-0.66	-5.39	-139.2	-3.5
4,617.0	7.30	75.19	4,541.3	-84.0	695.8	1.66	-1.03	-9.63	-134.6	-19.2
4,712.0	8.27	76.16	4,635.4	-80.8	708.3	1.03	1.02	1.02	-132.5	-10.1
4,806.0	9.06	82.57	4,728.3	-78.3	722.2	1.33	0.84	6.82	-131.1	10.2
4,901.0	8.18	80.99	4,822.3	-76.2	736.3	0.96	-0.93	-1.66	-129.8	11.8
4,995.0	9.23	91.63	4,915.2	-75.4	750.4	2.04	1.12	11.32	-123.3	38.9

Company:	EOG Resources - Midland	**Local Co-ordinate Reference:**	Well #707H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 25 @ 3358.0usft
Site:	Osprey 10	**MD Reference:**	KB = 25 @ 3358.0usft
Well:	#707H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
5,089.0	10.73	106.66	5,007.8	-78.1	766.3	3.18	1.60	15.99	-108.9	69.2
5,184.0	10.64	121.69	5,101.1	-85.3	782.3	2.93	-0.09	15.82	-89.6	90.7
5,277.0	7.03	135.84	5,193.0	-93.9	793.5	4.50	-3.88	15.22	-65.6	102.4
5,371.0	5.36	139.35	5,286.5	-101.3	800.4	1.82	-1.78	3.73	-56.3	96.2
5,466.0	4.57	136.89	5,381.1	-107.5	805.9	0.86	-0.83	-2.59	-55.1	83.6
5,561.0	3.61	139.35	5,475.9	-112.5	810.4	1.03	-1.01	2.59	-45.1	75.6
5,655.0	3.43	135.75	5,569.7	-116.8	814.3	0.30	-0.19	-3.83	-42.1	62.9
5,749.0	2.46	156.23	5,663.6	-120.6	817.1	1.51	-1.03	21.79	-12.8	60.9
5,842.0	0.88	190.59	5,756.5	-123.1	817.7	1.94	-1.70	36.95	21.5	42.2
5,938.0	0.35	173.89	5,852.5	-124.2	817.6	0.58	-0.55	-17.40	11.6	31.9
6,033.0	0.53	198.15	5,947.5	-124.9	817.5	0.27	0.19	25.54	21.3	12.7
6,128.0	0.44	188.48	6,042.5	-125.6	817.3	0.13	-0.09	-10.18	18.2	7.3
6,223.0	0.44	198.50	6,137.5	-126.3	817.2	0.08	0.00	10.55	17.7	-1.4
6,317.0	0.35	202.11	6,231.5	-127.0	817.0	0.10	-0.10	3.84	16.4	-4.9
6,412.0	0.35	195.34	6,326.5	-127.5	816.8	0.04	0.00	-7.13	16.2	-3.1
6,505.0	0.44	223.11	6,419.5	-128.0	816.5	0.22	0.10	29.86	12.3	-10.2
6,599.0	0.44	239.11	6,513.5	-128.5	815.9	0.13	0.00	17.02	8.3	-13.1
6,694.0	0.18	239.55	6,608.5	-128.8	815.5	0.27	-0.27	0.46	7.7	-13.2
6,789.0	0.26	254.14	6,703.5	-128.9	815.1	0.10	0.08	15.36	3.8	-14.6
6,882.0	0.09	257.83	6,796.5	-129.0	814.8	0.18	-0.18	3.97	2.5	-14.8
6,978.0	0.18	127.93	6,892.5	-129.1	814.9	0.26	0.09	-135.31	9.7	11.4
7,165.0	0.44	76.51	7,079.5	-129.1	815.8	0.19	0.14	-27.50	-3.8	14.4
7,261.0	0.44	84.77	7,175.5	-129.0	816.5	0.07	0.00	8.60	-2.4	14.9
7,355.0	0.44	90.13	7,269.5	-128.9	817.3	0.04	0.00	5.70	-1.7	15.1
7,447.0	0.53	82.22	7,361.5	-128.9	818.0	0.12	0.10	-8.60	-4.6	14.6
7,538.0	0.44	91.63	7,452.5	-128.8	818.8	0.13	-0.10	10.34	-2.9	15.3
7,633.0	0.35	131.00	7,547.5	-129.0	819.4	0.29	-0.09	41.44	6.9	13.9

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3358.0usft
Site:	Osprey 10	MD Reference:	KB = 25 @ 3358.0usft
Well:	#707H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
7,728.0	0.62	172.84	7,642.5	-129.7	819.7	0.45	0.28	44.04	13.6	5.9
7,823.0	0.62	182.33	7,737.5	-130.8	819.7	0.11	0.00	9.99	13.4	3.7
8,013.0	0.62	163.96	7,927.5	-132.8	820.0	0.10	0.00	-9.67	9.6	7.4
8,106.0	0.79	147.61	8,020.5	-133.8	820.4	0.28	0.18	-17.58	6.0	9.6
8,114.6	0.78	148.03	8,029.1	-133.9	820.5	0.12	-0.10	4.88	5.9	9.6
Brushy Top (Osprey 10 #707H)										
8,296.0	0.62	159.39	8,210.5	-135.9	821.5	0.12	-0.09	6.26	5.5	8.5
8,391.0	0.88	169.50	8,305.4	-137.1	821.8	0.31	0.27	10.64	5.7	7.5
8,486.0	0.97	170.64	8,400.4	-138.6	822.1	0.10	0.09	1.20	4.3	7.4
8,580.0	0.97	181.80	8,494.4	-140.1	822.2	0.20	0.00	11.87	4.1	6.6
8,674.0	0.79	189.98	8,588.4	-141.6	822.0	0.23	-0.19	8.70	3.5	6.0
8,769.0	0.88	209.23	8,683.4	-142.9	821.6	0.31	0.09	20.26	4.0	4.7
8,864.0	0.79	208.43	8,778.4	-144.1	820.9	0.10	-0.09	-0.84	2.5	4.8
8,957.0	0.79	237.53	8,871.4	-145.0	820.1	0.43	0.00	31.29	3.3	3.3
9,052.0	0.88	234.63	8,966.4	-145.8	818.9	0.10	0.09	-3.05	1.8	3.4
9,147.0	0.88	236.12	9,061.4	-146.6	817.7	0.02	0.00	1.57	0.4	3.4
9,241.0	0.62	228.82	9,155.4	-147.3	816.7	0.29	-0.28	-7.77	-1.3	3.3
9,334.0	0.53	230.23	9,248.3	-147.9	816.0	0.10	-0.10	1.52	-2.1	3.4
9,427.0	0.53	245.08	9,341.3	-148.4	815.3	0.15	0.00	15.97	-2.0	3.9
9,522.0	0.53	236.74	9,436.3	-148.8	814.5	0.08	0.00	-8.78	-3.4	3.5
9,617.0	0.35	167.92	9,531.3	-149.3	814.2	0.55	-0.19	-72.44	-5.0	-2.4
9,710.0	0.53	139.18	9,624.3	-149.9	814.6	0.30	0.19	-30.90	-3.9	-4.6
9,805.0	1.14	105.95	9,719.3	-150.5	815.8	0.79	0.64	-34.98	-2.1	-6.2
9,900.0	1.23	110.52	9,814.3	-151.2	817.6	0.14	0.09	4.81	-4.5	-6.0
9,995.0	0.97	57.35	9,909.3	-151.1	819.3	1.06	-0.27	-55.97	0.6	-8.0
10,089.0	1.23	43.38	10,003.3	-149.9	820.6	0.40	0.28	-14.86	0.8	-7.8
10,184.0	0.35	46.98	10,098.3	-149.0	821.5	0.93	-0.93	3.79	-1.0	-7.8

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3358.0usft
Site:	Osprey 10	MD Reference:	KB = 25 @ 3358.0usft
Well:	#707H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
10,279.0	0.44	171.26	10,193.3	-149.1	821.8	0.74	0.09	130.82	-6.0	5.5
10,373.0	0.79	260.82	10,287.3	-149.6	821.2	0.96	0.37	95.28	4.8	6.4
10,467.0	1.58	274.62	10,381.2	-149.6	819.3	0.89	0.84	14.68	4.2	5.3
10,560.0	2.90	280.33	10,474.2	-149.1	815.7	1.44	1.42	6.14	1.1	5.0
10,655.0	2.73	272.59	10,569.1	-148.5	811.1	0.44	-0.18	-8.15	-4.2	4.7
10,751.0	2.55	268.29	10,664.9	-148.5	806.7	0.28	-0.19	-4.48	-9.0	4.2
10,846.0	2.11	263.54	10,759.9	-148.8	802.8	0.51	-0.46	-5.00	-13.2	3.3
10,941.0	2.37	247.28	10,854.8	-149.7	799.3	0.72	0.27	-17.12	-17.2	-1.0
11,128.0	2.29	238.93	11,041.6	-153.1	792.5	0.19	-0.04	-4.47	-24.4	-4.1
11,221.0	2.20	129.33	11,134.6	-155.2	792.3	3.95	-0.10	-117.85	10.8	-23.4
11,315.0	2.99	223.38	11,228.5	-158.2	792.0	4.08	0.84	100.05	-26.4	-7.4
11,410.0	2.11	241.04	11,323.4	-160.8	788.8	1.23	-0.93	18.59	-31.5	1.8
11,504.0	1.23	286.22	11,417.4	-161.4	786.3	1.62	-0.94	48.06	-23.2	24.8
11,599.0	3.08	345.37	11,512.3	-158.6	784.6	2.81	1.95	62.26	6.3	33.5
11,694.0	3.61	350.99	11,607.2	-153.2	783.5	0.66	0.56	5.92	4.0	33.0
11,788.0	2.99	343.96	11,701.0	-147.9	782.4	0.79	-0.66	-7.48	-5.4	32.9
11,880.0	1.85	346.86	11,792.9	-144.1	781.4	1.25	-1.24	3.15	-7.6	33.2
11,899.0	1.76	349.15	11,811.9	-143.6	781.3	0.61	-0.47	12.05	-6.9	33.5
11,999.0	1.58	9.71	11,911.9	-140.7	781.2	0.62	-0.18	20.56	2.5	34.4
12,094.0	1.06	52.52	12,006.9	-138.9	782.1	1.13	-0.55	45.06	23.4	24.4
12,125.0	3.53	16.43	12,037.8	-137.8	782.6	8.86	7.97	-116.43	3.3	33.3
KOP, MD:12125.0', TVD:12037.8',N/S:-137.8', E/W:782.6', INC:3.53										
12,187.0	8.97	8.40	12,099.5	-131.2	783.9	8.86	8.77	-12.95	-3.5	32.4
12,280.0	18.99	357.06	12,189.6	-108.8	784.2	11.12	10.77	-12.19	-9.8	30.7
12,321.2	23.26	357.06	12,228.0	-94.0	783.4	10.37	10.37	0.00	-9.1	31.4
FTP Crossing, MD:12321.2', TVD:12228.0',N/S:-94.0', E/W:783.4', INC:23.26										
12,375.0	28.84	357.06	12,276.3	-70.4	782.2	10.37	10.37	0.00	-7.4	32.5

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3358.0usft
Site:	Osprey 10	MD Reference:	KB = 25 @ 3358.0usft
Well:	#707H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
12,469.0	41.15	358.02	12,353.2	-16.6	779.9	13.11	13.10	1.02	-3.9	34.5
12,517.8	48.63	358.88	12,387.7	17.7	779.0	15.39	15.34	1.77	-3.0	35.2
FTP (Osprey 10 #707H)										
12,563.0	55.57	359.52	12,415.5	53.4	778.5	15.39	15.35	1.41	-3.5	35.5
12,656.0	66.48	7.43	12,460.5	134.4	783.8	13.88	11.73	8.51	-4.2	29.9
12,750.0	80.20	9.10	12,487.4	223.3	796.7	14.69	14.60	1.78	-9.3	16.3
12,845.0	88.20	1.89	12,497.0	317.2	805.7	11.31	8.42	-7.59	-12.8	6.3
12,879.4	88.74	1.16	12,497.9	351.6	806.6	2.64	1.57	-2.13	-12.1	5.2
TGT 1 (Osprey 10 #707H)										
12,940.0	89.69	359.87	12,498.8	412.2	807.2	2.64	1.57	-2.13	-10.3	4.2
13,034.0	96.90	4.00	12,493.4	505.9	810.3	8.83	7.67	4.39	-14.2	0.3
13,148.0	89.08	1.28	12,487.4	619.5	815.6	7.26	-6.86	-2.39	-18.2	-5.8
13,242.0	90.13	357.76	12,488.1	713.5	814.8	3.91	1.12	-3.74	-16.0	-5.7
13,337.0	92.77	357.58	12,485.7	808.4	810.9	2.79	2.78	-0.19	-16.8	-2.5
13,431.0	94.00	357.15	12,480.1	902.1	806.6	1.39	1.31	-0.46	-20.8	1.1
13,527.0	93.39	358.82	12,473.9	997.8	803.2	1.85	-0.64	1.74	-25.4	3.7
13,622.0	91.19	359.78	12,470.1	1,092.8	802.1	2.53	-2.32	1.01	-27.6	4.2
13,717.0	89.25	359.87	12,469.8	1,187.8	801.8	2.04	-2.04	0.09	-26.3	3.8
13,811.0	89.60	359.52	12,470.7	1,281.7	801.3	0.53	0.37	-0.37	-23.8	3.6
13,906.0	90.13	358.82	12,470.9	1,376.7	799.9	0.92	0.56	-0.74	-22.0	4.2
14,000.0	91.54	359.25	12,469.6	1,470.7	798.3	1.57	1.50	0.46	-21.8	5.1
14,095.0	91.10	358.90	12,467.4	1,565.7	796.8	0.59	-0.46	-0.37	-22.4	5.9
14,189.0	89.69	359.08	12,466.7	1,659.7	795.1	1.51	-1.50	0.19	-21.5	6.9
14,283.0	90.22	359.25	12,466.8	1,753.6	793.8	0.59	0.56	0.18	-19.8	7.6
14,378.0	89.16	359.87	12,467.3	1,848.6	793.0	1.29	-1.12	0.65	-17.7	7.6
14,472.0	89.87	0.05	12,468.1	1,942.6	793.0	0.78	0.76	0.19	-15.4	6.9
14,567.0	90.48	0.05	12,467.8	2,037.6	793.0	0.64	0.64	0.00	-14.1	6.1

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3358.0usft
Site:	Osprey 10	MD Reference:	KB = 25 @ 3358.0usft
Well:	#707H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
14,661.0	91.45	0.31	12,466.2	2,131.6	793.3	1.07	1.03	0.28	-14.1	5.1
14,754.0	90.04	358.99	12,465.0	2,224.6	792.8	2.08	-1.52	-1.42	-13.7	5.0
14,849.0	91.10	358.82	12,464.1	2,319.6	791.0	1.13	1.12	-0.18	-13.1	6.1
14,944.0	89.87	358.55	12,463.3	2,414.5	788.8	1.33	-1.29	-0.28	-12.3	7.6
15,039.0	90.22	358.82	12,463.2	2,509.5	786.6	0.47	0.37	0.28	-10.8	9.1
15,134.0	90.92	358.20	12,462.3	2,604.5	784.1	0.98	0.74	-0.65	-10.1	10.8
15,229.0	92.07	357.76	12,459.8	2,699.4	780.8	1.30	1.21	-0.46	-11.0	13.5
15,324.0	90.31	359.08	12,457.8	2,794.3	778.2	2.32	-1.85	1.39	-11.4	15.4
15,417.0	90.40	359.52	12,457.2	2,887.3	777.0	0.48	0.10	0.47	-10.4	15.8
15,512.0	89.60	0.84	12,457.2	2,982.3	777.3	1.62	-0.84	1.39	-8.8	14.8
15,606.0	90.75	0.84	12,457.0	3,076.3	778.7	1.22	1.22	0.00	-7.5	12.7
15,700.0	91.54	0.40	12,455.1	3,170.3	779.7	0.96	0.84	-0.47	-7.8	11.0
15,795.0	89.43	1.89	12,454.3	3,265.3	781.6	2.72	-2.22	1.57	-7.1	8.4
15,890.0	88.99	2.07	12,455.6	3,360.2	784.9	0.50	-0.46	0.19	-4.2	4.4
15,985.0	89.52	2.15	12,456.8	3,455.1	788.4	0.56	0.56	0.08	-1.3	0.2
16,080.0	90.04	1.98	12,457.2	3,550.0	791.8	0.58	0.55	-0.18	0.6	-3.9
16,174.0	91.36	2.77	12,456.0	3,644.0	795.7	1.64	1.40	0.84	1.1	-8.5
16,269.0	90.84	0.75	12,454.2	3,738.9	798.6	2.20	-0.55	-2.13	0.8	-12.2
16,364.0	90.04	359.08	12,453.5	3,833.9	798.5	1.95	-0.84	-1.76	1.7	-12.7
16,459.0	91.10	359.43	12,452.5	3,928.9	797.3	1.18	1.12	0.37	2.3	-12.2
16,471.9	91.27	359.40	12,452.3	3,941.8	797.1	1.35	1.34	-0.20	2.3	-12.2
TGT 2 (Osprey 10 #707H)										
16,551.0	92.33	359.25	12,449.8	4,020.8	796.2	1.35	1.34	-0.20	0.7	-11.8
16,645.0	90.22	358.02	12,447.7	4,114.8	794.0	2.60	-2.24	-1.31	-0.3	-10.3
16,739.0	89.96	357.76	12,447.5	4,208.7	790.5	0.39	-0.28	-0.28	0.6	-7.5
16,832.0	87.76	357.15	12,449.4	4,301.6	786.4	2.45	-2.37	-0.66	3.5	-4.1
16,926.0	89.52	357.94	12,451.6	4,395.5	782.3	2.05	1.87	0.84	6.8	-0.8

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3358.0usft
Site:	Osprey 10	MD Reference:	KB = 25 @ 3358.0usft
Well:	#707H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
17,020.0	90.92	357.85	12,451.3	4,489.4	778.9	1.49	1.49	-0.10	7.5	2.0
17,115.0	92.33	357.40	12,448.6	4,584.3	775.0	1.56	1.48	-0.47	5.9	5.2
17,209.0	91.45	358.81	12,445.5	4,678.2	771.9	1.77	-0.94	1.50	3.9	7.6
17,302.0	90.66	358.98	12,443.8	4,771.1	770.1	0.87	-0.85	0.18	3.2	8.7
17,398.0	91.45	359.16	12,442.0	4,867.1	768.5	0.84	0.82	0.19	2.5	9.5
17,490.0	89.87	359.16	12,440.9	4,959.1	767.2	1.72	-1.72	0.00	2.5	10.2
17,584.0	91.28	359.60	12,440.0	5,053.1	766.1	1.57	1.50	0.47	2.6	10.5
17,679.0	92.24	359.60	12,437.1	5,148.0	765.5	1.01	1.01	0.00	0.8	10.5
17,774.0	88.72	359.68	12,436.3	5,243.0	764.9	3.71	-3.71	0.08	1.1	10.3
17,867.0	88.29	359.16	12,438.7	5,336.0	763.9	0.73	-0.46	-0.56	4.5	10.6
17,961.0	88.46	359.33	12,441.4	5,429.9	762.7	0.26	0.18	0.18	8.3	11.1
18,057.0	89.25	359.51	12,443.3	5,525.9	761.7	0.84	0.82	0.19	11.3	11.4
18,152.0	90.40	358.98	12,443.6	5,620.9	760.5	1.33	1.21	-0.56	12.7	11.9
18,232.6	90.78	359.06	12,442.7	5,701.5	759.1	0.48	0.47	0.10	12.7	12.7
TGT 3 (Osprey 10 #707H)										
18,246.0	90.84	359.07	12,442.6	5,714.9	758.9	0.48	0.47	0.10	12.7	12.8
18,339.0	91.01	358.54	12,441.0	5,807.8	756.9	0.60	0.18	-0.57	13.1	14.1
18,435.0	92.33	359.07	12,438.3	5,903.8	754.9	1.48	1.37	0.55	12.2	15.3
18,528.0	91.10	358.98	12,435.5	5,996.7	753.4	1.33	-1.32	-0.10	11.2	16.2
18,623.0	90.57	359.68	12,434.1	6,091.7	752.2	0.92	-0.56	0.74	11.7	16.6
18,718.0	88.90	0.48	12,434.5	6,186.7	752.4	1.95	-1.76	0.84	14.0	15.8
18,813.0	90.57	1.27	12,435.0	6,281.7	753.8	1.94	1.76	0.83	16.3	13.6
18,906.0	89.08	359.86	12,435.2	6,374.7	754.7	2.21	-1.60	-1.52	18.5	12.0
19,000.0	88.81	359.86	12,437.0	6,468.7	754.5	0.29	-0.29	0.00	22.0	11.5
19,095.0	89.08	359.86	12,438.7	6,563.6	754.3	0.28	0.28	0.00	25.7	11.1
19,189.0	89.60	359.60	12,439.8	6,657.6	753.8	0.62	0.55	-0.28	28.6	10.8

eog resources

Midland PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #707H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3358.0usft
Site:	Osprey 10	MD Reference:	KB = 25 @ 3358.0usft
Well:	#707H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
19,248.6	90.10	359.43	12,440.0	6,717.2	753.3	0.89	0.84	-0.28	30.0	10.9
TGT 4 (Osprey 10 #707H)										
19,284.0	90.40	359.33	12,439.8	6,752.6	752.9	0.89	0.84	-0.28	30.3	11.0
19,379.0	93.56	0.83	12,436.5	6,847.6	753.1	3.68	3.33	1.58	28.1	10.2
19,474.0	90.75	0.04	12,433.0	6,942.5	753.8	3.07	-2.96	-0.83	25.6	8.7
19,569.0	91.28	0.12	12,431.3	7,037.5	753.9	0.56	0.56	0.08	24.9	7.9
19,664.0	92.59	0.65	12,428.1	7,132.4	754.6	1.49	1.38	0.56	22.8	6.5
19,759.0	91.10	0.04	12,425.0	7,227.3	755.1	1.69	-1.57	-0.64	20.8	5.2
19,854.0	91.28	359.68	12,423.0	7,322.3	754.9	0.42	0.19	-0.38	19.8	4.8
19,948.0	93.03	0.48	12,419.5	7,416.3	755.0	2.05	1.86	0.85	17.3	3.9
20,042.0	90.40	0.04	12,416.7	7,510.2	755.5	2.84	-2.80	-0.47	15.6	2.8
Last MWD Survey (MD=20042.0')										
20,143.0	90.40	0.04	12,416.0	7,611.2	755.5	0.00	0.00	0.00	16.0	2.0
Projection to Bit (MD=20143.0') - PBHL (Osprey 10 #707H)										

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
12,125.0	12,037.8	-137.8	782.6	KOP, MD:12125.0', TVD:12037.8',N/S:-137.8', E/W:782.6', INC:3.53
12,321.2	12,228.0	-94.0	783.4	FTP Crossing, MD:12321.2', TVD:12228.0',N/S:-94.0', E/W:783.4', INC:23.26
20,042.0	12,416.7	7,510.2	755.5	Last MWD Survey (MD=20042.0')
20,143.0	12,416.0	7,611.2	755.5	Projection to Bit (MD=20143.0')

Checked By: _____ Approved By: _____ Date: _____

I certify this survey to be true and correct to the best of my belief and knowledge.

Kay Maddox 10/01/2020

Signed *Date*