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
EOG RESOURCES INC PO BOX 2267 MIDLAND, TEXAS 79702	7377
	[3] Reason for Filing Code/ Effective Date NW 04/15/2023

[4] API Number	[5] Pool Name	[6] Pool Code
30 - 025-50768	BOBCAT DRAW; UPPER WOLFCAMP	98094

[7] Property Code	[8] Property Name	[9] Well Number
333512	SHIPROCK 5 FEDERAL COM	714H

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
A	5	25S	34E		240	NORTH	843	EAST	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
H	8	25S	34E		2530	NORTH	993	EAST	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
	FLOWING				

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
372812	EOGRM	OIL
151618	ENTERPRISE FIELD SERVICES	GAS
298751	REGENCY FIELD SERVICES	GAS
36785	DCP MIDSTREAM	GAS

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
12/14/2022	04/15/2023	19,865'	19,842'	12,530 - 19,842'	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
12 1/4"	9 5/8"	1229'	490 SXS CL C/CIRC
8 3/4"	7 5/8"	11,783'	1546 SXS CL C&H/CIRC
6 3/4"	5 1/2"	19,850'	880 SXS CL C TOC 10,194' CBL

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
04/15/2023	04/15/2023	04/21/2023	24 HRS		1997
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
	2990	8619	5691		

[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: Kay Maddox

Printed name: Kay Maddox

Title: SENIOR REGULATORY SPECIALIST

E-mail Address: kay_maddox@eogresources.com

Date: 05/03/2023

Phone: 432-638-8475

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 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

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

☐ **AMENDED REPORT**

AS-DRILLED PLAT

[1]API Number	[2]Pool Code	[3]Pool Name
30-025- 50768	98094	BOBCAT DRAW; UPPER WOLFCAMP

[4]Property Code	[5]Property Name	[6]Well Number
333512	SHIPROCK 5 FED COM	714H

[7]OGRID No.	[8]Operator Name	[9]Elevation
7377	EOG RESOURCES, INC.	3411'

[10]Surface Location

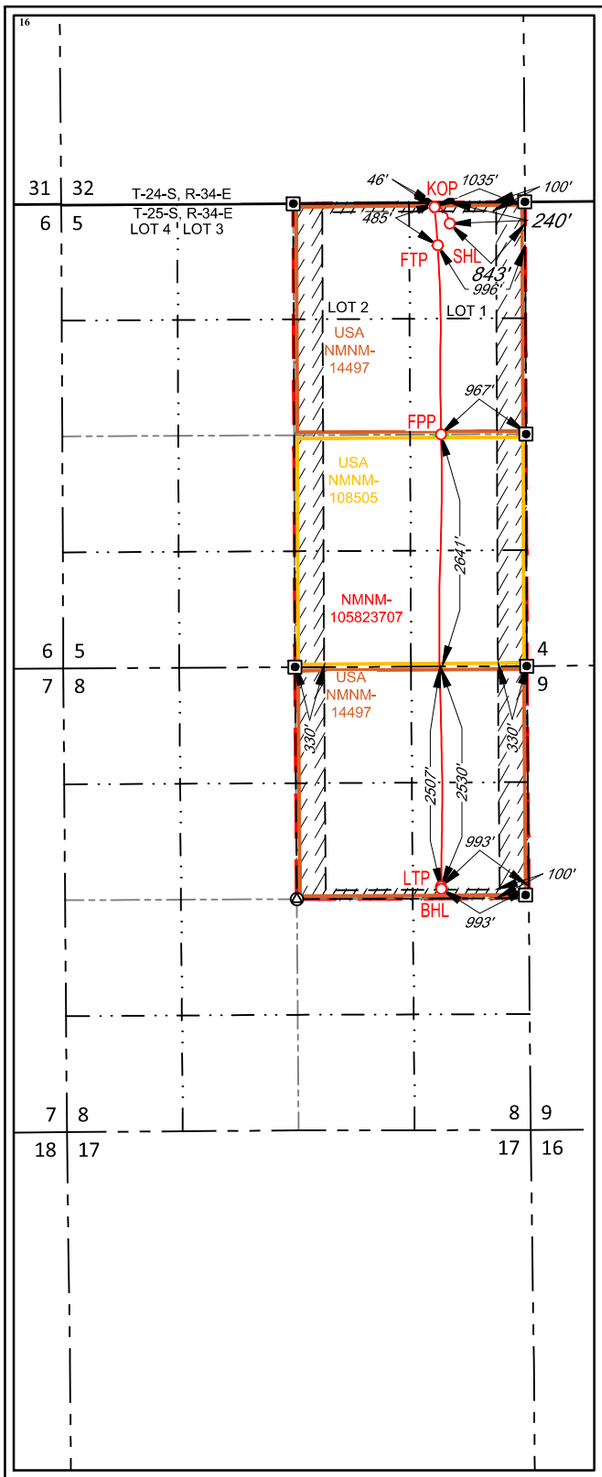
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	5	25-S	34-E	-	240'	NORTH	843'	EAST	LEA

[11]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
H	8	25-S	34-E	-	2530'	NORTH	993'	EAST	LEA

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
480.04			COMM AGREEMENT NMNM-105823707

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.



NEW MEXICO EAST
NAD 1983

SURFACE LOCATION (SHL)
240' FNL - SEC. 5
843' FEL - SEC. 5
X=803494 Y=425203
LAT.: N 32.1661242
LONG.: W 103.4861172

KICK OFF POINT (KOP)
46' FNL - SEC. 5
1035' FEL - SEC. 5
X=803301 Y=425396
LAT.: N 32.1666586
LONG.: W 103.4867355
MD=11864' TVD=11855'

FIRST TAKE POINT (FTP)
485' FNL - SEC. 5
996' FEL - SEC. 5
X=803342 Y=424957
LAT.: N 32.1654505
LONG.: W 103.4866136
MD=12530' TVD=12291'

FED PERF. POINT (FPP)
2641' FSL - SEC. 5
967' FEL - SEC. 5
X=803380 Y=422803
LAT.: N 32.1595292
LONG.: W 103.4865469
MD=14691' TVD=12411'

LAST TAKE POINT (LTP)
2507' FNL - SEC. 8
993' FEL - SEC. 8
X=803385 Y=417655
LAT.: N 32.1453808
LONG.: W 103.4866617
MD=19842' TVD=12526'

BOTTOM HOLE LOCATION (BHL)
2530' FNL - SEC. 8
993' FEL - SEC. 8
X=803385 Y=417632
LAT.: N 32.1453176
LONG.: W 103.4866623
MD=19865' TVD=12523'

[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 05/02/2023
Signature Date

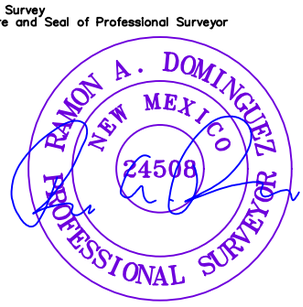
KAY MADDOX
Printed Name

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.

11/30/2022
Date of Survey
Signature and Seal of Professional Surveyor



Certificate Number

NEW MEXICO EAST
NAD 1927

SURFACE LOCATION (SHL)
X=762308 Y=425145
LAT.: N 32.1659997
LONG.: W 103.4856452

KICK OFF POINT (KOP)
X=762116 Y=425338
LAT.: N 32.1665341
LONG.: W 103.4862635

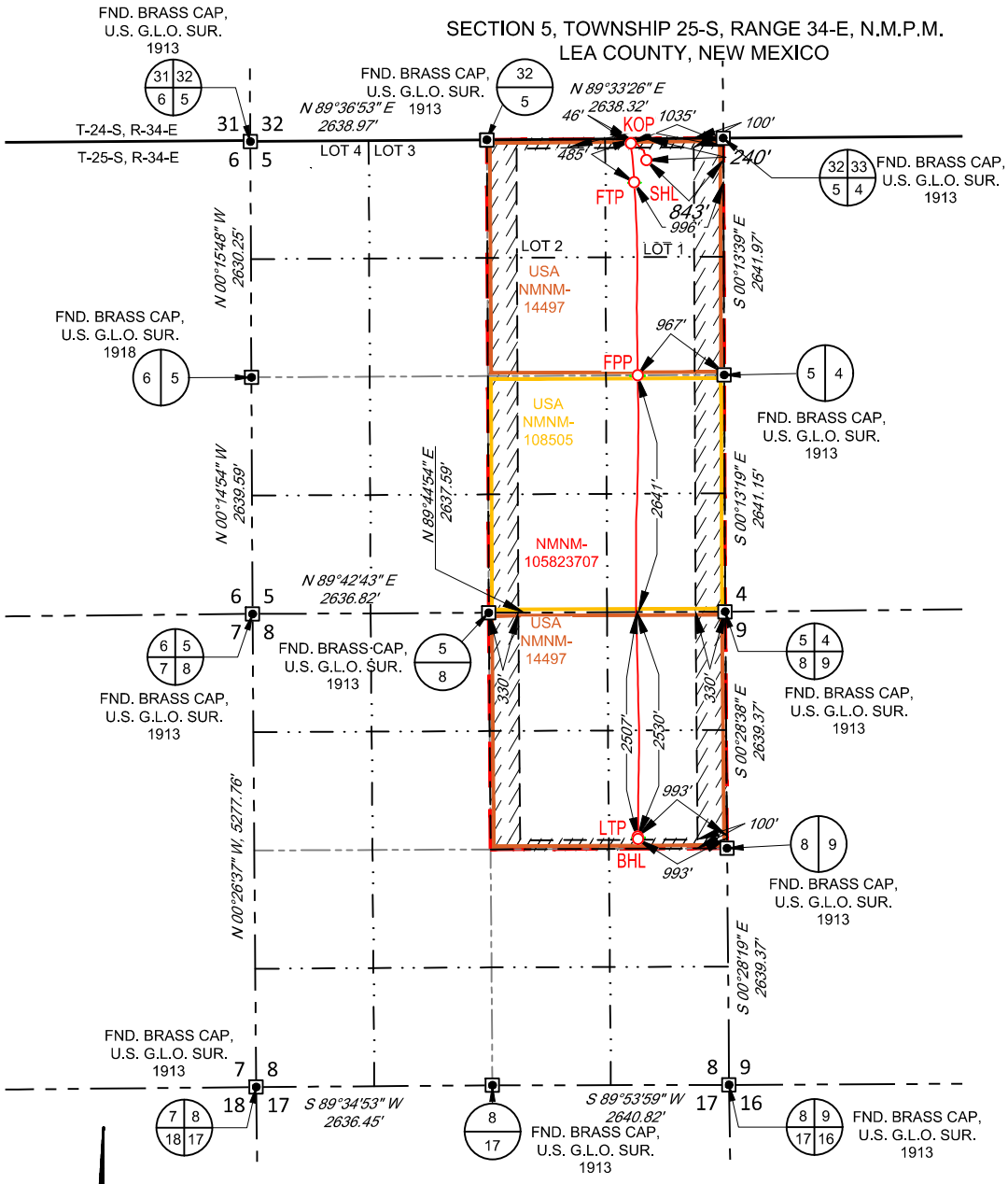
FIRST TAKE POINT (FTP)
X=762157 Y=424898
LAT.: N 32.1653259
LONG.: W 103.4861417

FED PERF. POINT (FPP)
X=762194 Y=422744
LAT.: N 32.1594047
LONG.: W 103.4860754

LAST TAKE POINT (LTP)
X=762199 Y=417597
LAT.: N 32.1452561
LONG.: W 103.4861910

BOTTOM HOLE LOCATION (BHL)
X=762199 Y=417574
LAT.: N 32.1451930
LONG.: W 103.4861916

Z:\SURVEY\EOG_MIDLAND\SHIPROCK_5_FED_COM\FINAL_PRODUCTS\AD_SHIPROCK_5_FC_714H.DWG 5/3/2023 7:13:05 AM eochoa



SCALE: 1" = 2000'

0' 1000' 2000'

NEW MEXICO EAST
NAD 1983

SURFACE LOCATION (SHL)

240' FNL - SEC. 5
843' FEL - SEC. 5
X=803494 Y=425203
LAT.: N 32.1661242
LONG.: W 103.4861172

KICK OFF POINT (KOP)

46' FNL - SEC. 5
1035' FEL - SEC. 5
X=803301 Y=425396
LAT.: N 32.1666586
LONG.: W 103.4867355
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2507' FNL - SEC. 8
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X=803385 Y=417655
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BOTTOM HOLE LOCATION (BHL)

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993' FEL - SEC. 8
X=803385 Y=417632
LAT.: N 32.1453176
LONG.: W 103.4866623
MD=19865' TVD=12523'

LEASE NAME & WELL NO.: SHIPROCK 5 FED COM 714H

SECTION 5 TWP 25-S RGE 34-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3411'

DESCRIPTION 240' FNL & 843' FEL

RAMON A. DOMINGUEZ NEW MEXICO 24508 PROFESSIONAL SURVEYOR

Ramon A. Dominguez, P.S. No. 24508
April 24, 2023

eog resources, inc.

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

481 WINSCOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
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

SHIPROCK 5 FED COM 714H AS-DRILLED	REVISION:
DATE: 04/24/2023	
FILE: AD_SHIPROCK_5_FC_714H	
DRAWN BY: LS	
SHEET : 2 OF 2	

NOTES:
1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
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.

Z:\SURVEY\EOG_MIDLAND\SHIPROCK_5_FED_COM\FINAL_PRODUCTS\AD_SHIPROCK_5_FC_714H.DWG 5/3/2023 7:13:06 AM eochoa

Attached to ACAD drawing: 1/6/2023 1:43:21 PM

eog resources

PROJECT DETAILS: Lea County, NM (NAD 83 NME)	
Geodetic System:	US State Plane 1983
Datum:	North American Datum 1983
Ellipsoid:	GRS 1980
Zone:	New Mexico Eastern Zone
System Datum:	Mean Sea Level

Lea County, NM (NAD 83 NME)

Shiprock 5 Fed Com #714H

H&P 534

OH



Azimuths to Grid North
True North: -0.45°
Magnetic North: 5.87°

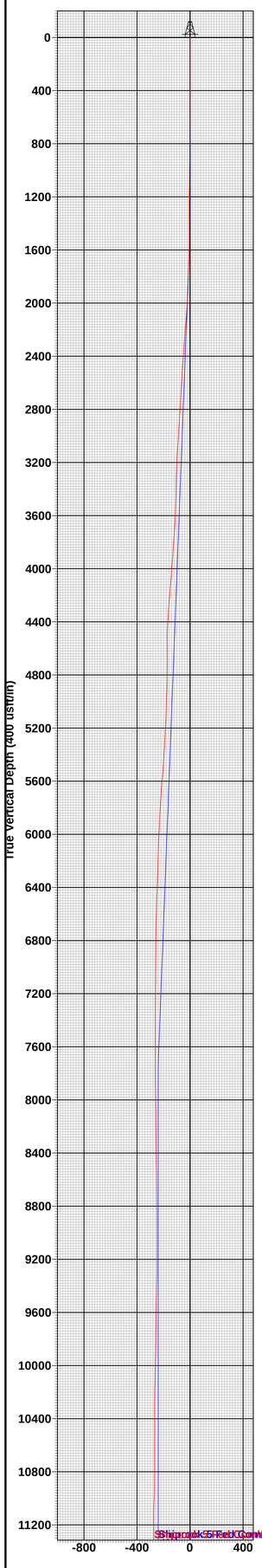
Magnetic Field
Strength: 47307.2nT
Dip Angle: 59.81°
Date: 12/31/2022
Model: IGRF2020

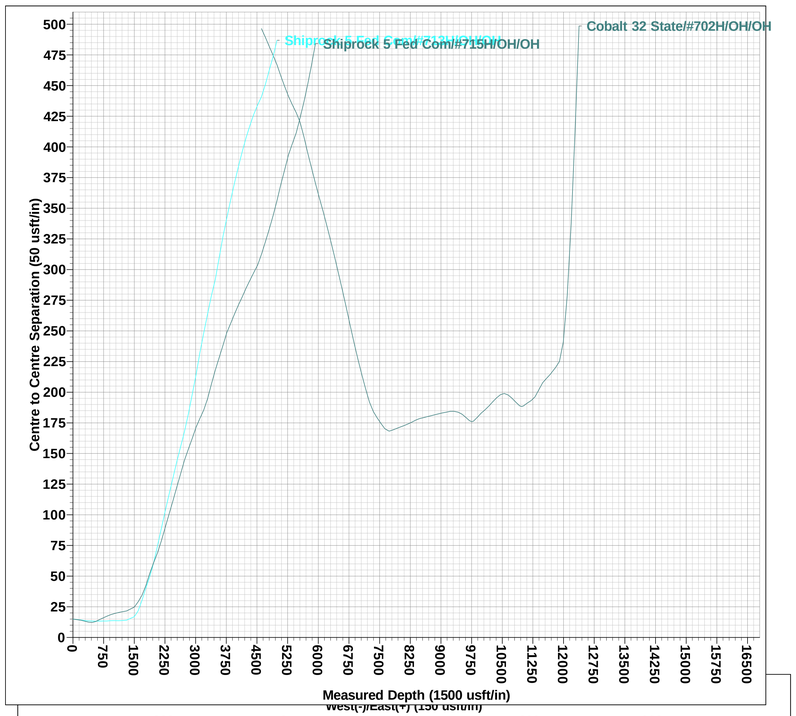
To convert a Magnetic Direction to a Grid Direction, Add 5.87°
To convert a Magnetic Direction to a True Direction, Add 6.32° East
To convert a True Direction to a Grid Direction, Subtract 0.45°

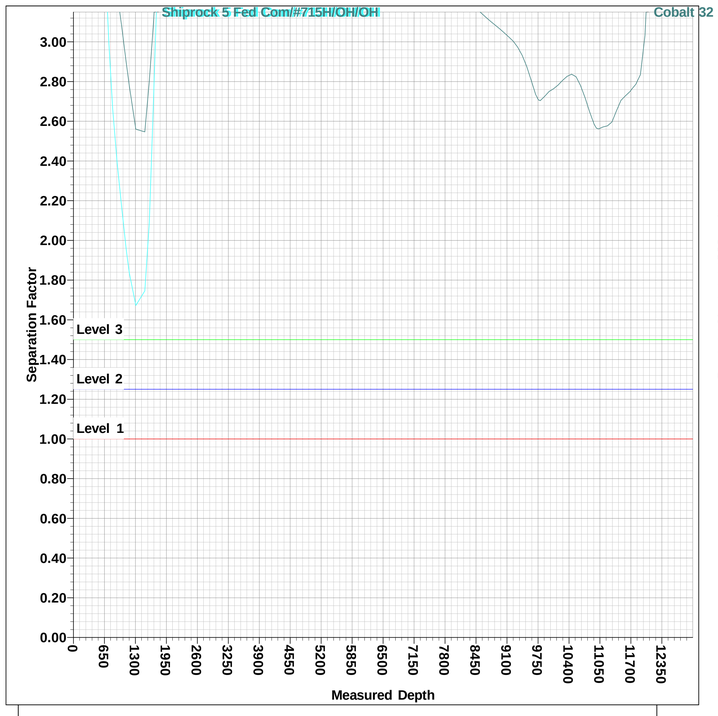
WELL DETAILS: #714H

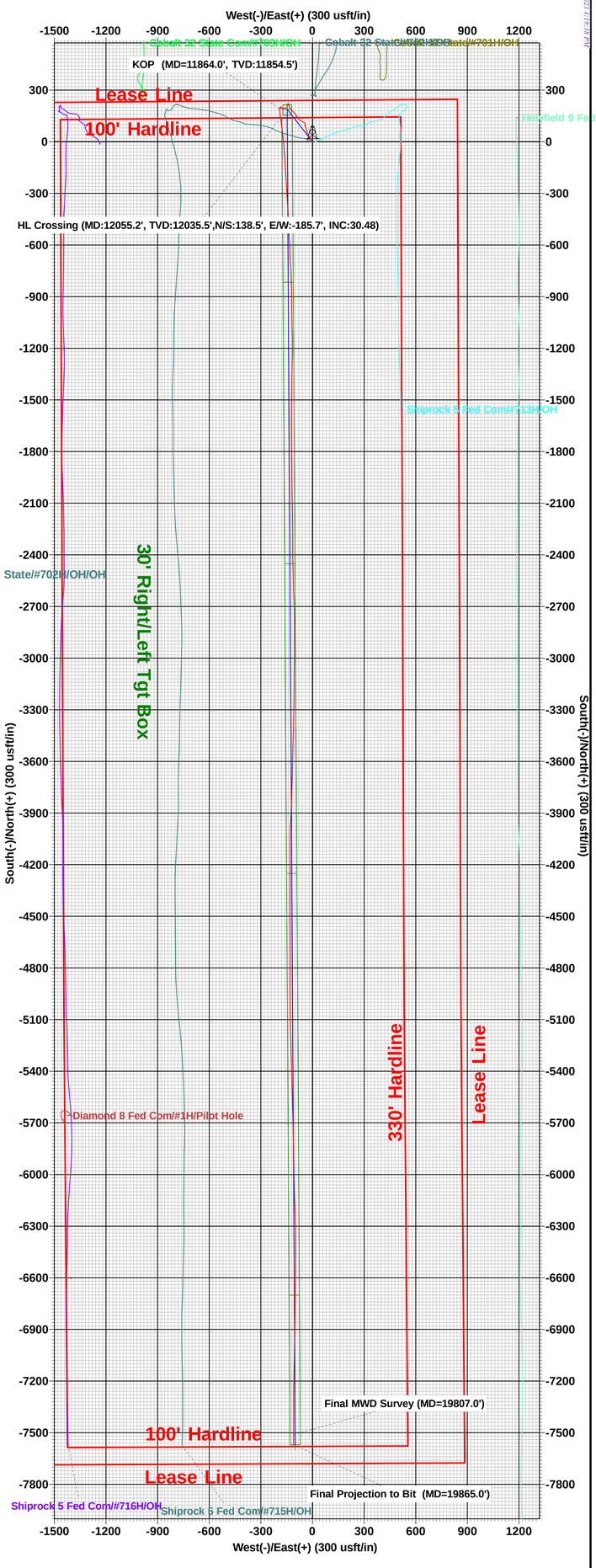
3411.0
KB = 30' @ 3441.0usft (H&P 534)

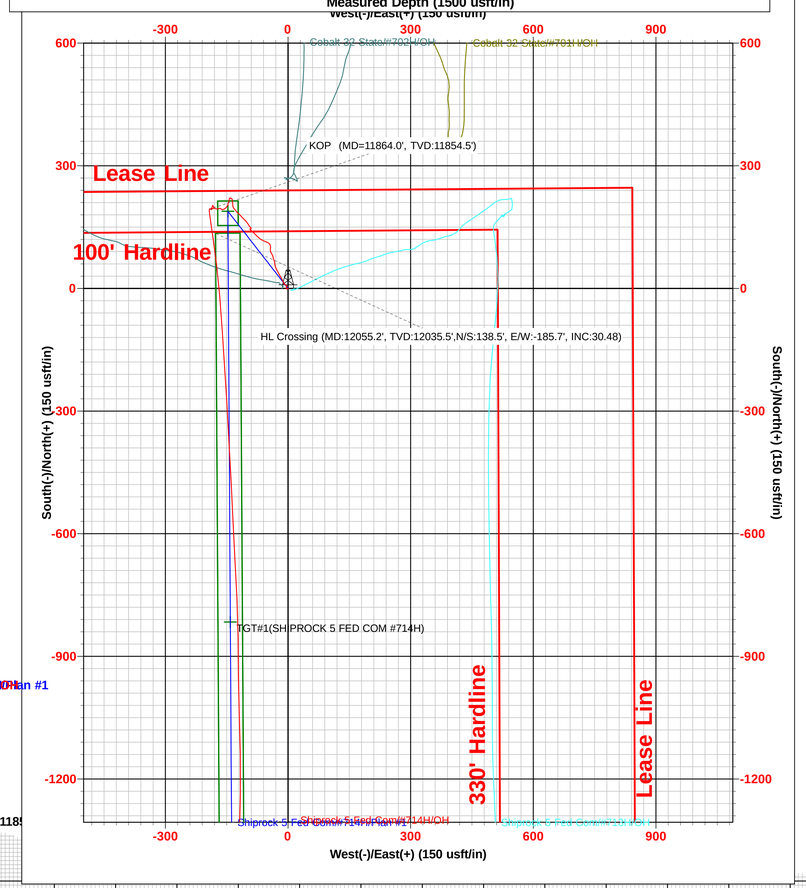
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	425203.00	803494.00	32° 9' 58.048 N	103° 29' 10.021 W

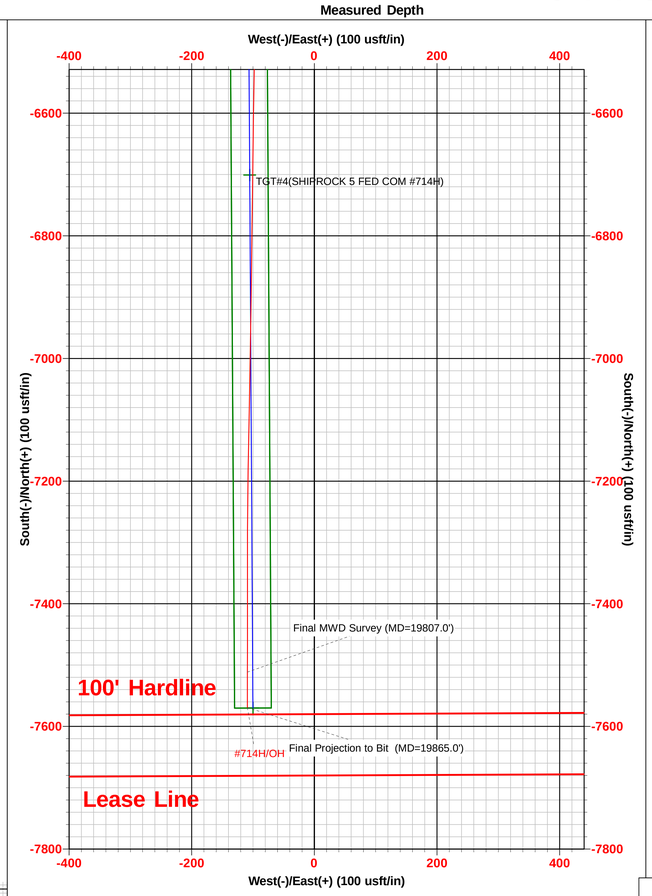


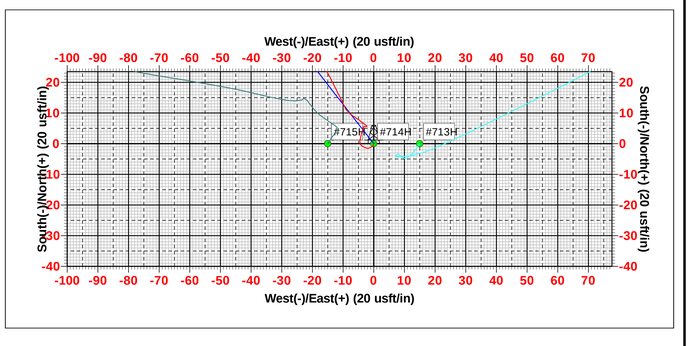


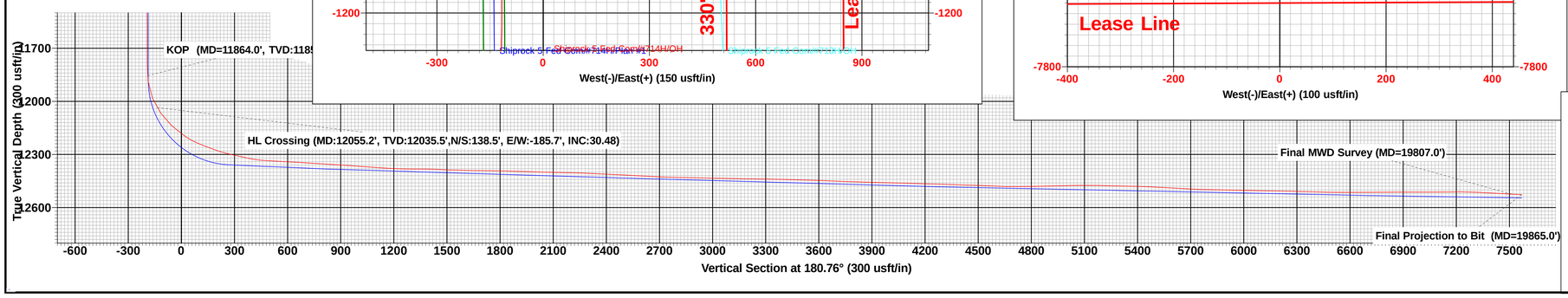


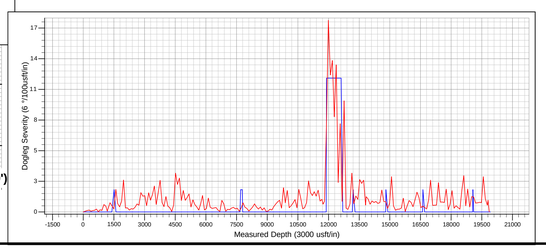












Lea County, NM (NAD 83 NME)
Shiprock 5 Fed Com
#714H
H&P 534
OH
OH
10:38, February 21 2023
Sam Biffle

Midland

Lea County, NM (NAD 83 NME)
Shiprock 5 Fed Com
#714H
OH

Design: OH

Final PVA

21 February, 2023

eog resources

Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #714H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Site:	Shiprock 5 Fed Com	**MD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Well:	#714H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	PEDM

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 Shiprock 5 Fed Com

Site Position:		**Northing:**	425,204.00 usft	**Latitude:**	32° 9' 58.044 N
From:	Map	**Easting:**	803,674.00 usft	**Longitude:**	103° 29' 7.927 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.45 °

Well #714H

Well Position	**+N/-S**	0.0 usft	**Northing:**	425,203.00 usft	**Latitude:**	32° 9' 58.048 N
	+E/-W	0.0 usft	**Easting:**	803,494.00 usft	**Longitude:**	103° 29' 10.021 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,411.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	12/31/2022	6.32	59.81	47,307.22566072

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	180.76

Survey Program **Date** 2/21/2023

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
199.0	19,865.0	Gordon MWD #1 (OH)	EOG MWD+IFR1	MWD + IFR1

eog resources

Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #714H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Site:	Shiprock 5 Fed Com	**MD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Well:	#714H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	PEDM

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
199.0	0.26	197.04	199.0	-0.4	-0.1	0.13	0.13	0.00	-0.5	0.0
291.0	0.30	227.73	291.0	-0.8	-0.4	0.17	0.04	33.36	-0.8	0.3
378.0	0.28	238.59	378.0	-1.1	-0.7	0.07	-0.02	12.48	-1.2	0.5
466.0	0.38	243.37	466.0	-1.3	-1.2	0.12	0.11	5.43	-1.6	0.6
556.0	0.44	259.74	556.0	-1.5	-1.8	0.15	0.07	18.19	-2.0	1.2
644.0	0.43	290.08	644.0	-1.4	-2.4	0.26	-0.01	34.48	-1.8	2.2
737.0	0.43	291.14	737.0	-1.2	-3.1	0.01	0.00	1.14	-2.4	2.2
826.0	0.55	306.41	826.0	-0.8	-3.7	0.20	0.13	17.16	-2.5	2.9
916.0	0.49	318.69	916.0	-0.3	-4.3	0.14	-0.07	13.64	-2.6	3.4
1,011.0	0.88	2.47	1,011.0	0.8	-4.6	0.66	0.41	46.08	-0.6	4.6
1,105.0	1.29	17.17	1,105.0	2.5	-4.2	0.52	0.44	15.64	-1.1	4.8
1,173.0	1.28	14.85	1,172.9	4.0	-3.8	0.08	-0.01	-3.41	-2.8	4.7
1,310.0	0.15	33.53	1,309.9	5.6	-3.3	0.83	-0.82	13.64	-2.8	5.8
1,499.0	0.53	105.42	1,498.9	5.6	-2.3	0.27	0.20	38.04	2.3	3.7
1,593.0	1.41	311.70	1,592.9	6.2	-2.8	2.02	0.94	-163.53	-1.0	-1.8
1,687.0	2.06	303.18	1,686.9	7.9	-5.0	0.74	0.69	-9.06	-0.2	-1.0
1,782.0	1.62	303.15	1,781.8	9.6	-7.6	0.46	-0.46	-0.03	0.2	0.2
1,876.0	1.34	336.88	1,875.8	11.3	-9.1	0.96	-0.30	35.88	1.6	-0.1
1,970.0	4.03	333.27	1,969.7	15.3	-11.1	2.87	2.86	-3.84	0.7	-0.8
2,064.0	4.36	333.91	2,063.4	21.4	-14.1	0.35	0.35	0.68	-2.7	-1.5
2,159.0	4.42	329.41	2,158.2	27.8	-17.6	0.37	0.06	-4.74	-6.2	-2.4
2,253.0	4.26	329.18	2,251.9	33.9	-21.2	0.17	-0.17	-0.24	-9.8	-2.9
2,348.0	4.04	331.66	2,346.6	39.9	-24.6	0.30	-0.23	2.61	-13.2	-2.9
2,442.0	4.15	334.80	2,440.4	45.9	-27.6	0.27	0.12	3.34	-16.5	-2.8
2,536.0	3.82	337.97	2,534.2	51.9	-30.2	0.42	-0.35	3.37	-19.7	-2.7
2,630.0	3.67	348.04	2,628.0	57.7	-32.0	0.72	-0.16	10.71	-22.8	-0.2

eog resources

Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #714H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Site:	Shiprock 5 Fed Com	**MD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Well:	#714H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	PEDM

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)
2,725.0	3.62	357.17	2,722.8	63.7	-32.8	0.61	-0.05	9.61	-25.6	1.8
2,820.0	4.15	333.88	2,817.6	69.8	-34.5	1.74	0.56	-24.52	-26.8	-10.4
2,914.0	3.83	352.60	2,911.3	76.0	-36.4	1.42	-0.34	19.91	-32.0	-2.0
3,009.0	3.41	331.47	3,006.2	81.6	-38.1	1.46	-0.44	-22.24	-31.4	-15.1
3,103.0	3.92	329.56	3,100.0	86.8	-41.1	0.56	0.54	-2.03	-33.3	-16.7
3,197.0	3.13	352.79	3,193.8	92.1	-43.1	1.72	-0.84	24.71	-39.6	-2.8
3,291.0	2.14	355.73	3,287.7	96.4	-43.5	1.06	-1.05	3.13	-41.0	-2.6
3,386.0	1.79	38.21	3,382.6	99.4	-42.7	1.54	-0.37	44.72	-33.9	23.5
3,480.0	2.36	336.45	3,476.6	102.3	-42.6	2.32	0.61	-65.70	-35.9	-21.0
3,574.0	2.20	351.86	3,570.5	105.8	-43.6	0.67	-0.17	16.39	-40.7	-11.9
3,669.0	2.84	316.33	3,665.4	109.4	-45.5	1.74	0.67	-37.40	-26.4	-34.1
3,763.0	5.06	293.99	3,759.2	112.7	-50.9	2.83	2.36	-23.77	-14.7	-40.7
3,857.0	4.27	292.63	3,852.9	115.8	-57.9	0.85	-0.84	-1.45	-18.2	-39.4
3,952.0	4.39	298.47	3,947.6	118.9	-64.4	0.48	0.13	6.15	-26.0	-35.5
4,046.0	5.03	312.30	4,041.3	123.3	-70.6	1.38	0.68	14.71	-37.8	-26.9
4,140.0	4.56	313.71	4,135.0	128.7	-76.3	0.52	-0.50	1.50	-42.7	-25.3
4,234.0	4.20	314.25	4,228.7	133.7	-81.5	0.39	-0.38	0.57	-46.6	-24.4
4,328.0	4.17	314.57	4,322.4	138.5	-86.4	0.04	-0.03	0.34	-50.1	-23.6
4,423.0	3.66	310.72	4,417.2	142.9	-91.2	0.60	-0.54	-4.05	-51.3	-26.4
4,517.0	0.91	9.00	4,511.1	145.6	-93.3	3.48	-2.93	62.00	-49.3	29.6
4,612.0	2.06	105.60	4,606.1	145.9	-91.6	2.47	1.21	101.68	30.5	44.2
4,706.0	1.19	344.63	4,700.1	146.3	-90.2	3.04	-0.93	-128.69	-50.4	0.7
4,800.0	0.60	38.17	4,794.1	147.7	-90.1	1.02	-0.63	56.96	-29.6	38.2
4,895.0	1.67	302.03	4,889.1	148.8	-91.0	1.93	1.13	-101.20	-32.8	-32.8
4,989.0	2.50	316.57	4,983.0	151.0	-93.6	1.04	0.88	15.47	-39.8	-22.8
5,083.0	1.67	341.84	5,077.0	153.8	-95.4	1.30	-0.88	26.88	-45.5	-4.0
5,177.0	3.00	322.90	5,170.9	157.1	-97.3	1.62	1.41	-20.15	-42.0	-19.0

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Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #714H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Site:	Shiprock 5 Fed Com	**MD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Well:	#714H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	PEDM

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)
5,272.0	2.69	328.66	5,265.8	161.0	-100.0	0.44	-0.33	6.06	-44.8	-14.9
5,366.0	3.41	314.94	5,359.6	164.8	-103.1	1.09	0.77	-14.60	-41.3	-25.2
5,460.0	4.03	315.32	5,453.4	169.1	-107.4	0.66	0.66	0.40	-44.0	-24.5
5,554.0	4.46	316.13	5,547.2	174.1	-112.3	0.46	0.46	0.86	-47.8	-23.4
5,649.0	4.62	316.37	5,641.9	179.6	-117.5	0.17	0.17	0.25	-51.8	-22.8
5,743.0	4.05	312.21	5,735.6	184.5	-122.5	0.69	-0.61	-4.43	-53.5	-26.2
5,837.0	2.74	320.35	5,829.4	188.5	-126.4	1.48	-1.39	8.66	-58.7	-17.7
5,931.0	2.62	322.75	5,923.3	191.9	-129.2	0.17	-0.13	2.55	-60.2	-15.2
6,025.0	2.63	316.37	6,017.2	195.2	-132.0	0.31	0.01	-6.79	-58.8	-21.7
6,119.0	1.90	339.74	6,111.2	198.2	-134.0	1.24	-0.78	24.86	-62.7	3.2
6,214.0	2.05	350.54	6,206.1	201.4	-134.8	0.42	0.16	11.37	-61.1	13.4
6,308.0	2.01	358.85	6,300.0	204.7	-135.1	0.32	-0.04	8.84	-58.9	20.2
6,403.0	2.11	349.62	6,395.0	208.1	-135.5	0.36	0.11	-9.72	-61.6	8.6
6,497.0	1.85	357.24	6,488.9	211.3	-135.8	0.39	-0.28	8.11	-60.2	14.8
6,591.0	1.76	352.95	6,582.9	214.2	-136.1	0.17	-0.10	-4.56	-61.0	8.3
6,686.0	1.78	351.67	6,677.8	217.1	-136.5	0.05	0.02	-1.35	-60.9	5.1
6,780.0	0.94	329.63	6,771.8	219.3	-137.1	1.04	-0.89	-23.45	-57.0	-19.1
6,875.0	0.44	285.93	6,866.8	220.0	-137.8	0.73	-0.53	-46.00	-26.0	-51.6
6,969.0	0.44	278.81	6,960.8	220.2	-138.5	0.06	0.00	-7.57	-17.5	-52.0
7,064.0	0.60	297.56	7,055.8	220.5	-139.3	0.24	0.17	19.74	-30.8	-42.0
7,158.0	0.44	286.08	7,149.8	220.8	-140.1	0.20	-0.17	-12.21	-19.8	-45.3
7,252.0	0.38	332.06	7,243.8	221.2	-140.6	0.35	-0.06	48.91	-43.3	-17.6
7,347.0	0.22	256.01	7,338.8	221.4	-140.9	0.41	-0.17	-80.05	7.8	-43.3
7,441.0	0.48	249.60	7,432.8	221.2	-141.5	0.28	0.28	-6.82	13.1	-38.7
7,535.0	0.20	223.50	7,526.8	221.0	-142.0	0.33	-0.30	-27.77	27.8	-25.6
7,630.0	0.24	209.36	7,621.8	220.7	-142.2	0.07	0.04	-14.88	31.4	-14.8
7,724.0	0.24	299.45	7,715.8	220.6	-142.4	0.36	0.00	95.84	-12.1	-30.0

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Final PVA

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Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Site:	Shiprock 5 Fed Com	**MD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Well:	#714H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	PEDM

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)
7,818.0	0.78	220.20	7,809.8	220.2	-143.0	0.82	0.57	-84.31	26.4	-17.1
7,912.0	0.80	190.70	7,903.8	219.1	-143.6	0.43	0.02	-31.38	30.2	-2.2
8,007.0	1.08	184.96	7,998.8	217.5	-143.8	0.31	0.29	-6.04	28.7	0.8
8,101.0	1.14	186.98	8,092.7	215.7	-144.0	0.08	0.06	2.15	26.9	-0.2
8,195.0	1.33	193.51	8,186.7	213.7	-144.3	0.25	0.20	6.95	24.7	-3.2
8,289.0	1.12	211.05	8,280.7	211.9	-145.1	0.45	-0.22	18.66	20.6	-10.1
8,383.0	1.73	198.35	8,374.7	209.7	-146.0	0.73	0.65	-13.51	20.0	-5.6
8,477.0	1.48	186.25	8,468.6	207.2	-146.6	0.45	-0.27	-12.87	18.1	-1.5
8,571.0	1.46	195.72	8,562.6	204.8	-147.0	0.26	-0.02	10.07	15.2	-4.3
8,665.0	1.15	208.23	8,656.6	202.8	-147.8	0.45	-0.33	13.31	11.8	-7.2
8,759.0	1.31	208.96	8,750.6	201.1	-148.7	0.17	0.17	0.78	9.7	-7.4
8,853.0	1.33	224.18	8,844.5	199.4	-150.0	0.37	0.02	16.19	5.3	-9.4
8,947.0	1.33	226.17	8,938.5	197.8	-151.6	0.05	0.00	2.12	2.8	-9.5
9,041.0	1.36	228.85	9,032.5	196.3	-153.2	0.07	0.03	2.85	0.2	-9.6
9,136.0	1.52	235.75	9,127.5	194.9	-155.1	0.25	0.17	7.26	-3.4	-9.4
9,230.0	1.52	242.03	9,221.4	193.6	-157.2	0.18	0.00	6.68	-6.9	-8.9
9,324.0	1.26	257.39	9,315.4	192.8	-159.3	0.48	-0.28	16.34	-11.2	-6.4
9,419.0	1.51	283.79	9,410.4	192.9	-161.6	0.71	0.26	27.79	-15.1	-0.3
9,513.0	1.57	315.94	9,504.3	194.1	-163.7	0.91	0.06	34.20	-15.2	8.5
9,607.0	0.64	297.35	9,598.3	195.2	-165.0	1.05	-0.99	-19.78	-18.9	2.7
9,701.0	0.79	320.94	9,692.3	196.0	-165.9	0.35	0.16	25.10	-17.3	10.3
9,796.0	2.11	245.72	9,787.3	195.8	-167.9	2.16	1.39	-79.18	-16.3	-14.8
9,889.0	2.79	254.28	9,880.2	194.5	-171.7	0.83	0.73	9.20	-22.2	-11.9
9,984.0	1.75	293.90	9,975.1	194.4	-175.2	1.92	-1.09	41.71	-28.0	6.5
10,078.0	1.41	290.35	10,069.1	195.4	-177.6	0.38	-0.36	-3.78	-30.9	4.6
10,172.0	1.89	282.24	10,163.1	196.1	-180.2	0.57	0.51	-8.63	-34.0	0.1
10,267.0	1.67	258.17	10,258.0	196.2	-183.1	0.81	-0.23	-25.34	-33.8	-14.4

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Final PVA

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Well:	#714H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	PEDM

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)
10,361.0	1.84	223.79	10,352.0	194.8	-185.5	1.12	0.18	-36.57	-22.4	-31.8
10,455.0	1.50	221.03	10,445.9	192.8	-187.3	0.37	-0.36	-2.94	-23.6	-32.9
10,549.0	0.51	357.15	10,539.9	192.3	-188.1	2.02	-1.05	144.81	-5.3	40.9
10,643.0	1.40	47.68	10,633.9	193.5	-187.3	1.22	0.95	53.76	26.8	30.5
10,738.0	1.45	58.50	10,728.9	194.9	-185.4	0.29	0.05	11.39	29.7	25.1
10,832.0	1.75	50.93	10,822.8	196.4	-183.3	0.39	0.32	-8.05	23.5	28.6
10,927.0	1.82	24.99	10,917.8	198.7	-181.5	0.85	0.07	-27.31	5.8	35.4
11,021.0	2.47	311.38	11,011.7	201.4	-182.4	2.79	0.69	-78.31	-34.8	14.1
11,115.0	0.88	295.32	11,105.7	203.0	-184.6	1.75	-1.69	-17.09	-40.0	3.4
11,209.0	0.50	108.72	11,199.7	203.2	-184.9	1.47	-0.40	184.47	40.4	1.3
11,303.0	1.73	187.63	11,293.7	201.7	-184.7	1.81	1.31	83.95	7.5	-39.0
11,397.0	2.79	208.80	11,387.6	198.3	-186.0	1.42	1.13	22.52	-10.6	-38.6
11,491.0	0.95	206.98	11,481.6	195.6	-187.4	1.96	-1.96	-1.94	-12.5	-39.0
11,586.0	0.17	285.13	11,576.5	194.9	-187.9	0.98	-0.82	82.26	-41.0	5.0
11,680.0	1.23	271.60	11,670.5	195.0	-189.1	1.13	1.13	-14.39	-42.2	-4.8
11,734.0	1.45	258.40	11,724.5	194.8	-190.3	0.70	0.41	-24.44	-41.2	-14.4
11,803.0	1.56	283.03	11,793.5	194.9	-192.1	0.94	0.16	35.70	-45.2	4.4
11,864.0	4.03	178.97	11,854.5	192.9	-192.8	7.64	4.05	-170.59	4.7	-45.8
KOP (MD=11864.0', TVD:11854.5')										
11,899.0	6.62	171.41	11,889.3	189.7	-192.5	7.64	7.39	-21.59	7.5	-44.9
11,995.0	23.12	173.14	11,981.8	165.3	-189.4	17.19	17.19	1.80	-7.7	-43.7
12,055.2	30.48	171.47	12,035.5	138.5	-185.7	12.28	12.22	-2.78	-18.0	-41.8
HL Crossing (MD:12055.2', TVD:12035.5',N/S:138.5', E/W:-185.7', INC:30.48)										
12,091.0	34.86	170.78	12,065.6	119.4	-182.8	12.28	12.24	-1.91	-24.5	-40.0
12,186.0	47.62	173.74	12,136.9	57.4	-174.5	13.58	13.43	3.12	-44.7	-32.3
12,282.0	55.78	174.72	12,196.3	-17.5	-167.0	8.54	8.50	1.02	-60.7	-24.7
12,378.0	68.30	176.90	12,241.3	-101.9	-160.9	13.19	13.04	2.27	-71.8	-17.3

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Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #714H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Site:	Shiprock 5 Fed Com	**MD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Well:	#714H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	PEDM

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)
12,474.0	70.54	175.64	12,275.0	-191.5	-155.1	2.64	2.33	-1.31	-72.0	-11.6
12,569.0	77.89	177.25	12,300.8	-282.7	-149.4	7.91	7.74	1.69	-58.3	-5.4
12,665.0	77.48	176.41	12,321.3	-376.4	-144.2	0.96	-0.43	-0.87	-41.8	-0.7
12,761.0	87.01	177.34	12,334.2	-471.2	-139.1	9.97	9.93	0.97	-33.0	4.0
12,856.0	86.73	177.18	12,339.4	-566.0	-134.5	0.34	-0.29	-0.17	-31.9	8.0
12,952.0	86.56	177.33	12,345.0	-661.7	-129.9	0.24	-0.18	0.16	-30.3	12.0
13,048.0	86.59	176.65	12,350.8	-757.4	-124.9	0.71	0.03	-0.71	-28.7	16.4
13,143.0	86.35	179.95	12,356.6	-852.2	-122.1	3.48	-0.25	3.47	-26.7	18.8
13,239.0	86.06	179.29	12,363.0	-947.9	-121.5	0.75	-0.30	-0.69	-23.2	18.8
13,335.0	85.78	177.94	12,369.8	-1,043.7	-119.2	1.43	-0.29	-1.41	-19.4	20.5
13,430.0	86.32	178.87	12,376.4	-1,138.4	-116.5	1.13	0.57	0.98	-15.7	22.6
13,526.0	88.05	181.05	12,381.1	-1,234.3	-116.4	2.90	1.80	2.27	-13.9	22.1
13,621.0	90.41	181.63	12,382.4	-1,329.2	-118.7	2.56	2.48	0.61	-15.5	19.3
13,717.0	87.77	180.92	12,383.9	-1,425.2	-120.8	2.85	-2.75	-0.74	-16.9	16.6
13,812.0	87.94	180.36	12,387.4	-1,520.1	-121.9	0.62	0.18	-0.59	-16.2	15.0
13,843.0	88.22	180.68	12,388.5	-1,551.1	-122.1	1.37	0.90	1.03	-16.1	14.5
13,938.0	89.03	179.94	12,390.8	-1,646.1	-122.7	1.15	0.85	-0.78	-16.7	13.4
14,034.0	89.62	179.64	12,391.9	-1,742.1	-122.3	0.69	0.61	-0.31	-18.5	13.2
14,129.0	88.70	179.47	12,393.3	-1,837.1	-121.6	0.98	-0.97	-0.18	-20.0	13.3
14,225.0	87.89	179.43	12,396.1	-1,933.0	-120.6	0.84	-0.84	-0.04	-20.1	13.7
14,320.0	88.19	178.58	12,399.4	-2,027.9	-119.0	0.95	0.32	-0.89	-19.7	14.7
14,416.0	88.92	178.52	12,401.8	-2,123.9	-116.6	0.76	0.76	-0.06	-20.2	16.6
14,511.0	88.73	179.29	12,403.8	-2,218.8	-114.8	0.83	-0.20	0.81	-21.2	17.8
14,607.0	87.10	180.24	12,407.2	-2,314.8	-114.4	1.96	-1.70	0.99	-20.6	17.7
14,702.0	87.38	179.39	12,411.8	-2,409.7	-114.1	0.94	0.29	-0.89	-18.9	17.4
14,798.0	87.10	178.55	12,416.4	-2,505.5	-112.3	0.92	-0.29	-0.87	-17.1	18.5
14,893.0	87.03	178.26	12,421.3	-2,600.4	-109.7	0.31	-0.07	-0.31	-14.9	20.6

eog resources

Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #714H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Site:	Shiprock 5 Fed Com	**MD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Well:	#714H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	PEDM

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)
14,988.0	87.16	177.53	12,426.1	-2,695.2	-106.2	0.78	0.14	-0.77	-12.7	23.5
15,085.0	88.92	180.05	12,429.4	-2,792.1	-104.2	3.17	1.81	2.60	-12.0	25.0
15,179.0	88.89	180.57	12,431.2	-2,886.1	-104.7	0.55	-0.03	0.55	-12.9	23.9
15,275.0	88.78	180.47	12,433.2	-2,982.0	-105.5	0.15	-0.11	-0.10	-13.6	22.4
15,370.0	88.87	180.25	12,435.1	-3,077.0	-106.1	0.25	0.09	-0.23	-14.3	21.2
15,466.0	89.01	180.44	12,436.9	-3,173.0	-106.7	0.25	0.15	0.20	-15.1	20.1
15,561.0	89.26	180.66	12,438.3	-3,268.0	-107.6	0.35	0.26	0.23	-16.3	18.6
15,657.0	88.44	181.51	12,440.3	-3,364.0	-109.4	1.23	-0.85	0.89	-17.1	16.2
15,752.0	88.47	181.54	12,442.8	-3,458.9	-112.0	0.04	0.03	0.03	-17.2	13.1
15,848.0	88.44	181.01	12,445.4	-3,554.8	-114.1	0.55	-0.03	-0.55	-17.2	10.4
15,944.0	87.49	181.25	12,448.8	-3,650.7	-116.0	1.02	-0.99	0.25	-16.5	7.9
16,039.0	88.00	181.89	12,452.6	-3,745.6	-118.6	0.86	0.54	0.67	-15.4	4.7
16,135.0	88.05	182.34	12,455.9	-3,841.5	-122.1	0.47	0.05	0.47	-14.7	0.6
16,231.0	88.95	182.82	12,458.4	-3,937.4	-126.5	1.06	0.94	0.50	-14.9	-4.3
16,326.0	88.36	181.24	12,460.6	-4,032.3	-129.8	1.77	-0.62	-1.66	-15.3	-8.3
16,422.0	88.26	180.00	12,463.5	-4,128.2	-130.9	1.30	-0.10	-1.29	-15.1	-9.9
16,517.0	88.61	180.10	12,466.0	-4,223.2	-130.9	0.38	0.37	0.11	-15.2	-10.6
16,613.0	88.11	180.04	12,468.8	-4,319.2	-131.1	0.52	-0.52	-0.06	-14.7	-11.3
16,708.0	87.91	180.35	12,472.1	-4,414.1	-131.4	0.39	-0.21	0.33	-13.3	-12.2
16,804.0	87.92	180.08	12,475.6	-4,510.0	-131.7	0.28	0.01	-0.28	-11.8	-13.1
16,899.0	87.57	179.10	12,479.3	-4,605.0	-131.1	1.09	-0.37	-1.03	-10.0	-13.0
16,995.0	90.15	180.02	12,481.2	-4,700.9	-130.3	2.85	2.69	0.96	-10.0	-12.9
17,091.0	90.71	179.93	12,480.5	-4,796.9	-130.3	0.59	0.58	-0.09	-12.7	-13.4
17,282.0	91.83	180.28	12,476.3	-4,987.9	-130.6	0.61	0.59	0.18	-20.8	-14.9
17,377.0	90.01	178.58	12,474.8	-5,082.9	-129.7	2.62	-1.92	-1.79	-24.3	-14.6
17,473.0	89.17	178.45	12,475.4	-5,178.8	-127.2	0.89	-0.87	-0.14	-25.5	-12.7
17,568.0	88.33	178.54	12,477.5	-5,273.8	-124.7	0.89	-0.88	0.09	-25.4	-10.7

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Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #714H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Site:	Shiprock 5 Fed Com	**MD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Well:	#714H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	PEDM

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)
17,664.0	89.14	178.57	12,479.6	-5,369.7	-122.3	0.84	0.84	0.03	-25.2	-8.9
17,760.0	87.19	178.31	12,482.7	-5,465.6	-119.7	2.05	-2.03	-0.27	-24.1	-6.9
17,855.0	87.05	178.16	12,487.5	-5,560.5	-116.8	0.22	-0.15	-0.16	-21.3	-4.5
17,950.0	86.56	178.61	12,492.8	-5,655.3	-114.1	0.70	-0.52	0.47	-17.9	-2.4
18,045.0	88.36	178.85	12,497.0	-5,750.2	-112.0	1.91	1.89	0.25	-15.6	-0.9
18,141.0	88.67	178.76	12,499.5	-5,846.1	-110.0	0.34	0.32	-0.09	-15.1	0.5
18,236.0	88.92	179.23	12,501.5	-5,941.1	-108.3	0.56	0.26	0.49	-15.0	1.6
18,332.0	88.89	178.85	12,503.3	-6,037.0	-106.7	0.40	-0.03	-0.40	-15.2	2.6
18,427.0	89.06	178.69	12,505.0	-6,132.0	-104.7	0.25	0.18	-0.17	-15.4	4.1
18,522.0	88.93	176.82	12,506.7	-6,226.9	-100.9	1.97	-0.14	-1.97	-15.7	7.2
18,618.0	88.36	179.90	12,508.9	-6,322.8	-98.2	3.26	-0.59	3.21	-15.4	9.4
18,714.0	88.16	179.41	12,511.9	-6,418.8	-97.6	0.55	-0.21	-0.51	-14.4	9.4
18,809.0	89.40	180.92	12,513.9	-6,513.8	-97.9	2.06	1.31	1.59	-14.3	8.5
18,905.0	89.76	180.68	12,514.6	-6,609.7	-99.2	0.45	0.37	-0.25	-15.6	6.6
19,001.0	91.05	180.94	12,513.9	-6,705.7	-100.6	1.37	1.34	0.27	-18.2	4.7
19,097.0	89.82	180.54	12,513.2	-6,801.7	-101.8	1.35	-1.28	-0.42	-20.4	2.9
19,192.0	90.46	180.95	12,512.9	-6,896.7	-103.1	0.80	0.67	0.43	-22.0	1.1
19,288.0	89.71	180.71	12,512.8	-6,992.7	-104.5	0.82	-0.78	-0.25	-23.6	-0.9
19,384.0	90.27	181.33	12,512.8	-7,088.7	-106.2	0.87	0.58	0.65	-25.0	-3.2
19,479.0	90.99	181.00	12,511.8	-7,183.6	-108.1	0.83	0.76	-0.35	-27.5	-5.7
19,575.0	88.08	180.14	12,512.6	-7,279.6	-109.1	3.16	-3.03	-0.90	-28.1	-7.2
19,671.0	86.99	179.76	12,516.7	-7,375.5	-109.0	1.20	-1.14	-0.40	-25.4	-7.7
19,767.0	86.88	180.34	12,521.8	-7,471.4	-109.1	0.61	-0.11	0.60	-21.7	-8.4
19,807.0	87.07	179.96	12,523.9	-7,511.3	-109.2	1.06	0.47	-0.95	-20.2	-8.7
Final MWD Survey (MD=19807.0')										
19,865.0	87.07	179.96	12,526.9	-7,569.3	-109.1	0.00	0.00	0.00	-18.1	-9.0
Final Projection to Bit (MD=19865.0')										

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Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #714H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Site:	Shiprock 5 Fed Com	**MD Reference:**	KB = 30' @ 3441.0usft (H&P 534)
Well:	#714H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	PEDM

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
11,864.0	11,854.5	192.9	-192.8	KOP (MD=11864.0', TVD:11854.5')
12,055.2	12,035.5	138.5	-185.7	HL Crossing (MD:12055.2', TVD:12035.5',N/S:138.5', E/W:-185.7', INC:30.48)
19,807.0	12,523.9	-7,511.3	-109.2	Final MWD Survey (MD=19807.0')
19,865.0	12,526.9	-7,569.3	-109.1	Final Projection to Bit (MD=19865.0')

Checked By: _____ Approved By: _____ Date: _____

I CERTIFY THIS SURVEY TO BE TRUE AND CORRECT TO THE BEST OF MY BELIEF AND KNOWLEDGE
KAY MADDOX 04/24/2023

Intent ☐ As Drilled ☐

API #		
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

Submit To Appropriate District Office
Two Copies
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 and Natural Resources

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

Form C-105
Revised August 1, 2011

1. WELL API NO. 30-025-50768
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: SHIPROCK 5 FEDERAL COM
6. Well Number: 714H

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

8. Name of Operator: EOG RESOURCES INC
9. OGRID: 7377
10. Address of Operator: PO BOX 2267 MIDLAND, TEXAS 79702
11. Pool name or Wildcat: BOBCAT DRAW; UPPER WOLFCAMP

12.Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	5	25S	34E		240	NORTH	843	EAST	LEA
BH:	H	8	25S	34E		2530	NORTH	993	EAST	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.)
12/14/2022	02/18/2023	02/19/2023	04/15/2023	3411' GR

18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run
MD 19,865' TVD 12,526'	MD 19,842' TVD 12,526'	YES	None

22. Producing Interval(s), of this completion - Top, Bottom, Name: WOLFCAMP 12,530 -19,842'

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36# J-55	1,229'	12 1/4"	490 CL C/CIRC	
7 5/8"	29.7# ECP 110	11,783'	8 3/4"	1546 CL C&H/CIRC	
5 1/2"	20# HCP 110	19,850'	6 3/4"	880 CL H TOC 10,194 CBL	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

12,530 - 19,842' 3 1/8", 1890 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12,530 - 19,842'	FRAC W/21,948,700 lbs proppant, 363,297 bbls load fld

28. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
04/15/2023	Flowing	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
04/21/2023	24			2990	5691	8619	1903

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - *(Corr.)*
	1997					43

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*: SOLD
30. Test Witnessed By

31. List Attachments: C-102, C-104, C-103, Directional Survey, H spacing

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

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude _____ Longitude _____ NAD 1927 1983

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

Signature Kay Maddox Printed Name Kay Maddox Title Senior Regulatory Specialist Date 05/03/2023

E-mail Address kay_maddox@eogresources.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. Anhy Rustler 1097'	T. Canyon Brushy 7775'	T. Ojo Alamo	T. Penn A"
T. Salt 1571'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 5023'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T. BONE SPRING LIME 9225'	T. Entrada	
T. Wolfcamp 12,242'	T. 1ST BONE SPRING 10,186'	T. Wingate	
T. Penn	T. 2ND BONE SPRING 10,732'	T. Chinle	
T. Cisco (Bough C)	T. 3RD BONE SPRING 11,867'	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

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: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 213398
	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.

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

General Information
Phone: (505) 629-6116

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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: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 213398
	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.	10/5/2026