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 4/16/2022

[4] API Number	[5] Pool Name	[6] Pool Code
30 - 025-46973	RED HILLS; BONE SPRING NORTH	96434
[7] Property Code	**[8] Property Name**	**[9] Well Number**
327233	YUKON 20 FED COM	503H

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
C	20	24S	34E		493'	NORTH	2155'	WEST	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
M	29	24S	34E		108'	SOUTH	1130'	WEST	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
12/1/2021	4/16/2022	20,977'	20,952'	10,948'-20,952'	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17 1/2"	13 3/8"	1345'	1160 SXS CL C/CIRC
12 1/4"	9 5/8"	5196'	1540 SXS CL C/CIRC
8 3/4"	5 1/2"	20960'	3545 SXS CL H/CIRC TOC @6310' PRESSURE TEST ATTACHED

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
4/16/2022	4/16/2022	4/25/2022	24 HRS		555
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
66	2337	4504	2740		

[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: Kristina Agee

Printed name: Kristina Agee

Title: REGULATORY SPECIALIST

E-mail Address: kristina_agee@eogresources.com

Date: 5/24/2023

Phone: 432-686-6996

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**

WELL LOCATION AND ACREAGE DEDICATION PLAT AS DRILLED PLAT

[1]API Number	[2]Pool Code	[3]Pool Name
30-025-46973	96434	RED HILLS; BONE SPRING ; NORTH

[4]Property Code	[5]Property Name	[6]Well Number
327233	YUKON 20 FED COM	503H

[7]OGRID No.	[8]Operator Name	[9]Elevation
7377	EOG RESOURCES, INC.	3538'

[10]Surface Location

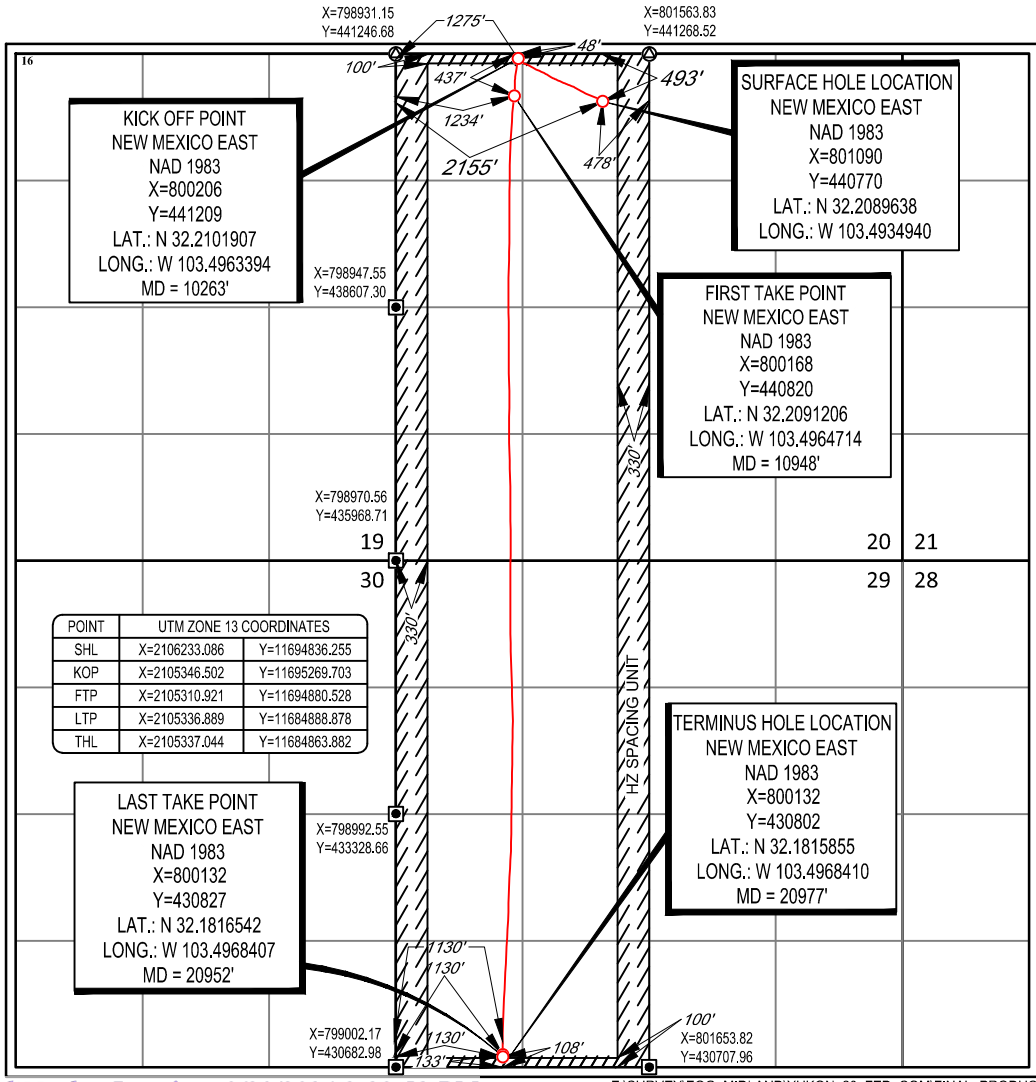
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	20	24-S	34-E	-	493'	NORTH	2155'	WEST	LEA

[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
M	29	24-S	34-E	-	108'	SOUTH	1130'	WEST	LEA

[12]Dedicated Acres	[13]Joint or Infill	[14]Consolidation Code	[15]Order No.
640.00			

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.



POINT	UTM ZONE 13 COORDINATES	
SHL	X=2106233.086	Y=11694836.255
KOP	X=2105346.502	Y=11695269.703
FTP	X=2105310.921	Y=11694880.528
LTP	X=2105336.889	Y=11684888.878
THL	X=2105337.044	Y=11684863.882

[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.

Kristina Agee 5/5/2022
Signature Date

Kristina Agee
Printed Name

kristina_agee@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.

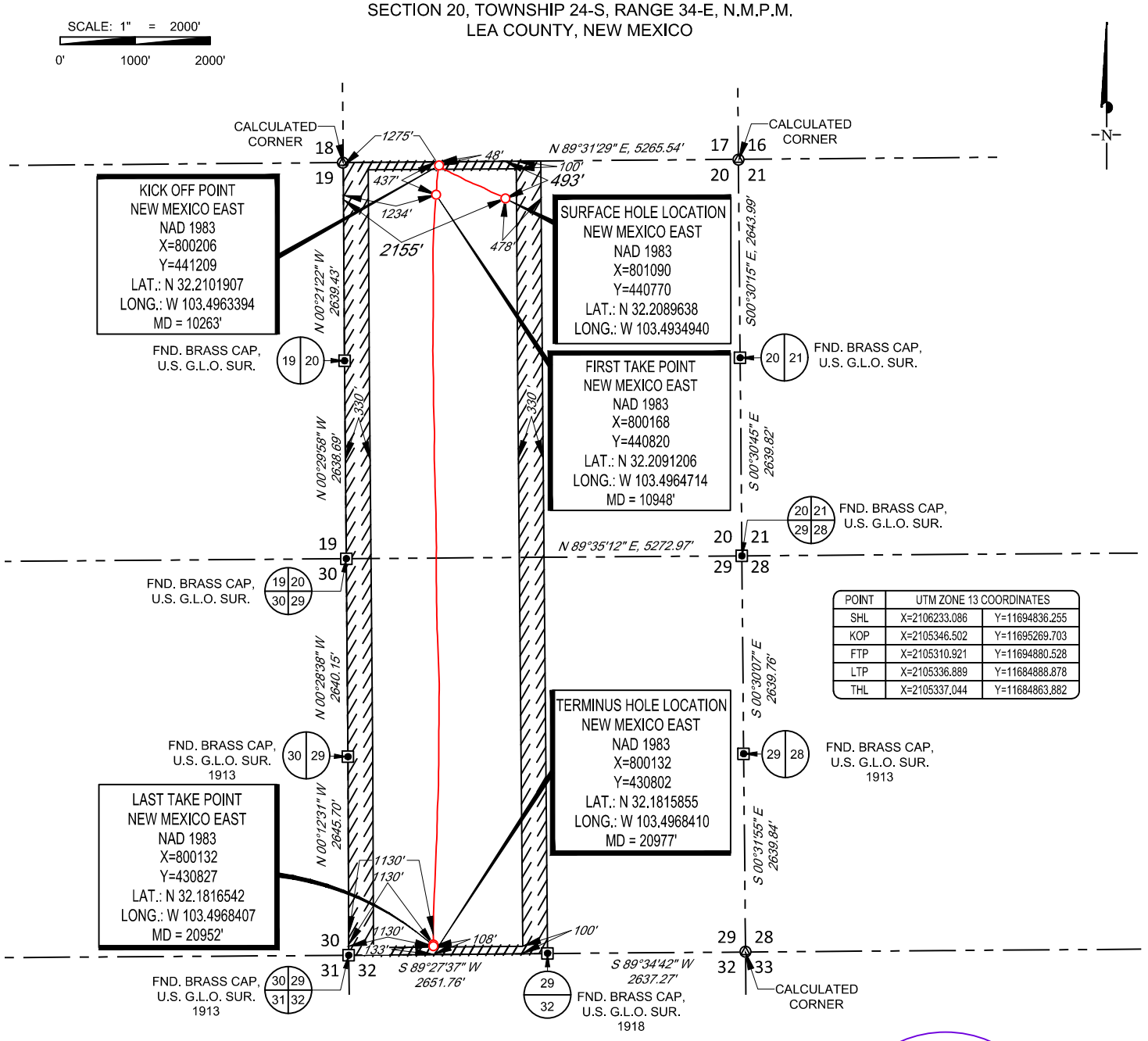
11/12/2021
Date of Survey
Signature and Seal of Professional Surveyor

RAMON A. DOMINGUEZ NEW MEXICO 24508 PROFESSIONAL SURVEYOR

Certificate Number

Z:\SURVEY\EOG_MIDLAND\YUKON_20_FED_COM\FINAL_PRODUCTS\AD_YUKON_20_FED_COM_503H.DWG 3/15/2022 10:02:33 AM eochoa

SECTION 20, TOWNSHIP 24-S, RANGE 34-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



POINT	UTM ZONE 13 COORDINATES	
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FTP	X=2105310.921	Y=11694880.528
LTP	X=2105336.889	Y=11684888.878
THL	X=2105337.044	Y=11684863.882

LEASE NAME & WELL NO.: YUKON 20 FED COM 503H

SECTION 20 TWP 24-S RGE 34-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3538'

DESCRIPTION 493' FNL & 2155' FWL

RAMON A. DOMINGUEZ NEW MEXICO 24508 PROFESSIONAL SURVEYOR

Ramon A. Dominguez, P.S. No. 24508
March 14, 2022

eog resources, inc.

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

YUKON 20 FED COM 503H AS-DRILLED	REVISION:	
DATE: 03/10/2022		
FILE: AD_YUKON_20_FED_COM_503H		
DRAWN BY: MML		
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.
4. ADJOINER INFORMATION SHOWN FOR INFORMATIONAL PURPOSES ONLY.

Z:\SURVEY\EOG_MIDLAND\YUKON_20_FED_COM\FINAL_PRODUCTS\AD_YUKON_20_FED_COM_503H.DWG 3/15/2022 10:02:34 AM eochoa

eog resources

Lea County, NM (NAD 83 NME)

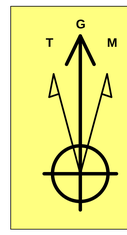
Yukon 20 Fed Com #503H

Pioneer 85

ST

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



Azimuths to Grid North
True North: -0.45°
Magnetic North: 6.00°

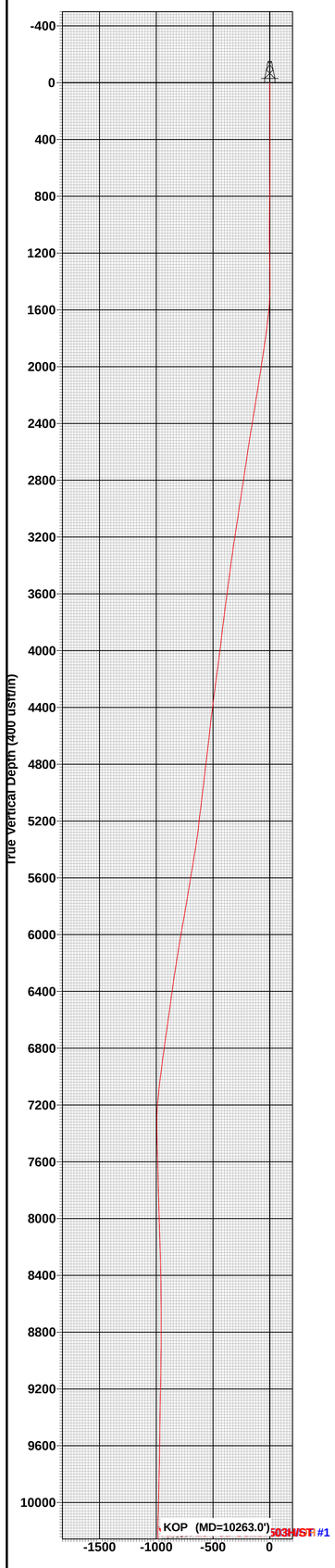
Magnetic Field
Strength: 47435.5nT
Dip Angle: 59.88°
Date: 12/31/2021
Model: IGRF2020

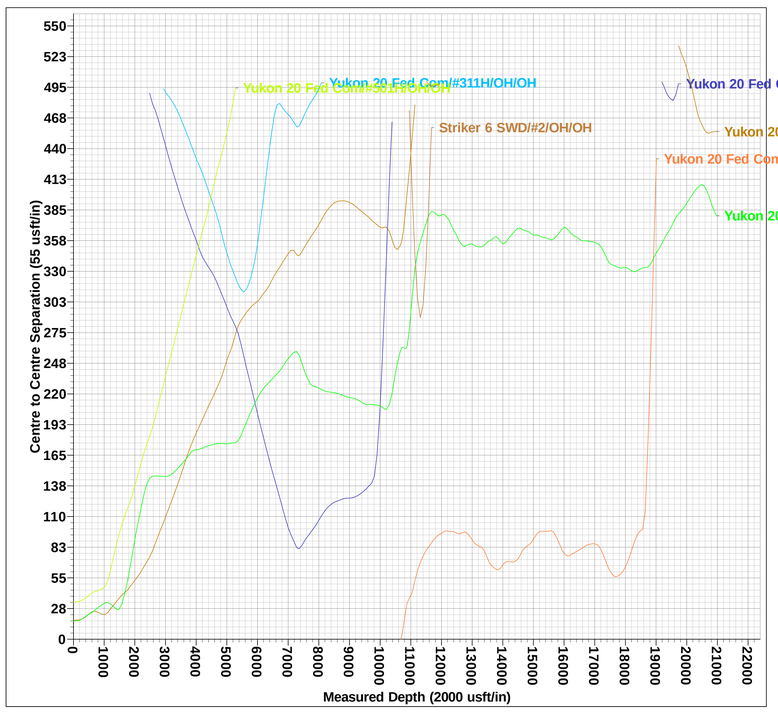
To convert a Magnetic Direction to a Grid Direction, Add 6.00°
To convert a Magnetic Direction to a True Direction, Add 6.44° East
To convert a True Direction to a Grid Direction, Subtract 0.45°

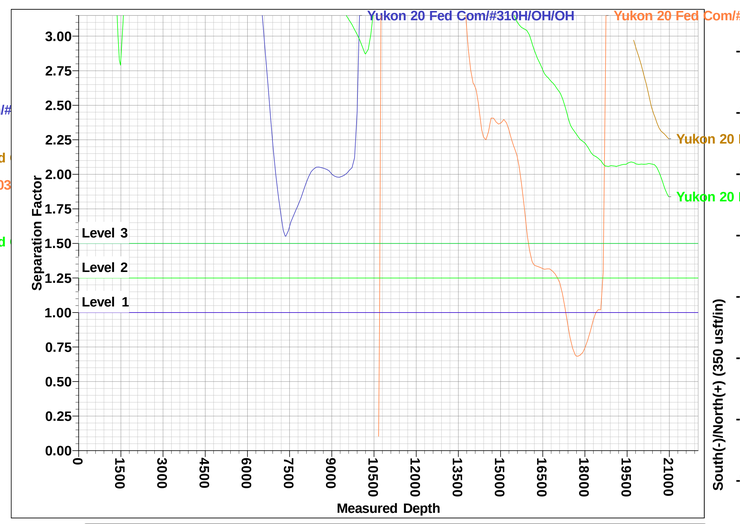
WELL DETAILS: #503H

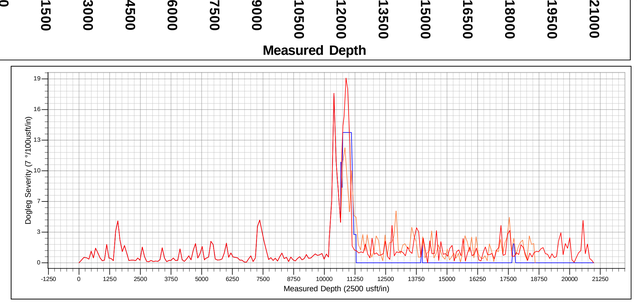
3538.0
KB = 25' @ 3563.0usft (Pioneer 85)

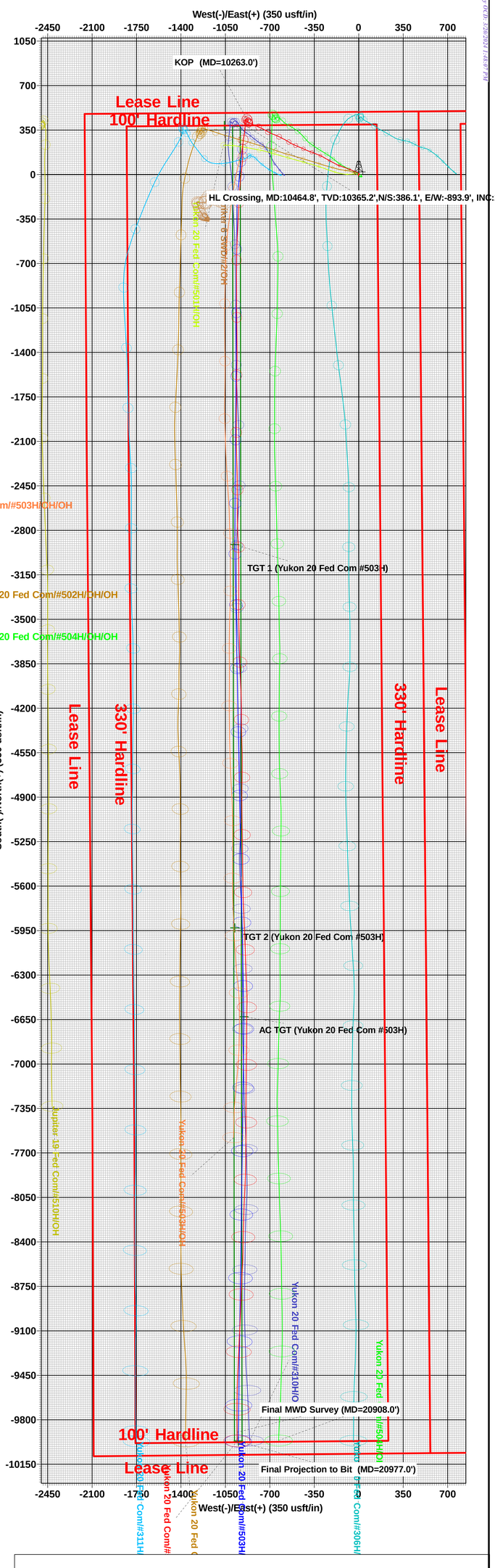
Northing	Easting	Latittude	Longitude
440770.00	801090.00	32° 12' 32.271 N	103° 29' 36.573 W

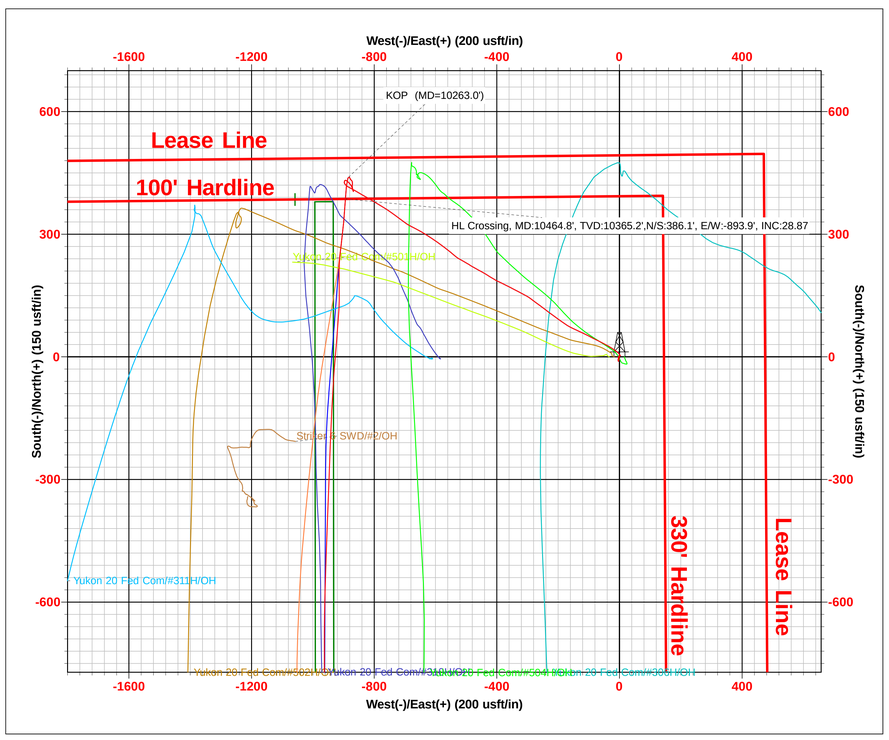


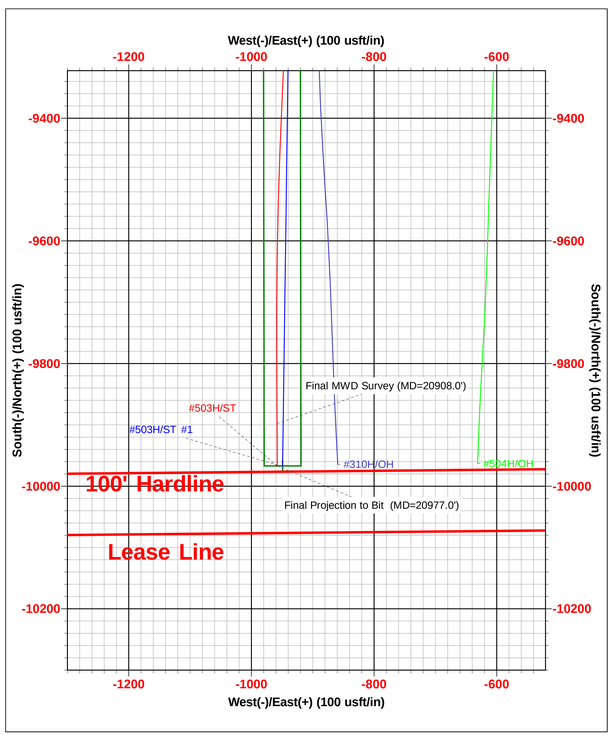


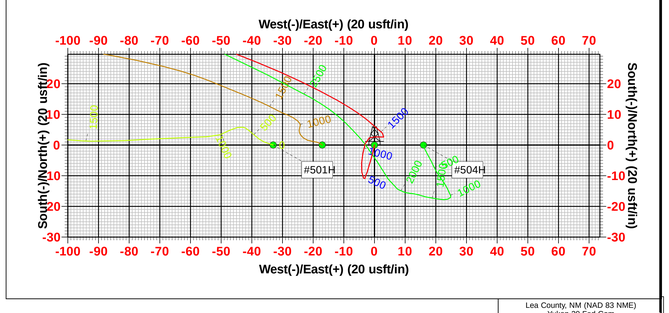


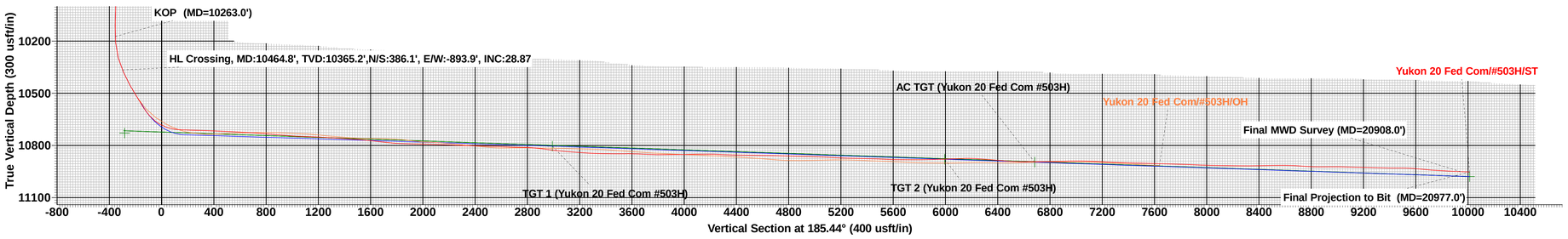












Midland

Lea County, NM (NAD 83 NME)
Yukon 20 Fed Com
#503H
ST

Design: ST

Final PVA

18 January, 2022

eog resources

Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #503H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Site:	Yukon 20 Fed Com	**MD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Well:	#503H	**North Reference:**	Grid
Wellbore:	ST	**Survey Calculation Method:**	Minimum Curvature
Design:	ST	**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 Yukon 20 Fed Com

Site Position:		**Northing:**	440,613.00 usft	**Latitude:**	32° 12' 30.615 N
From:	Map	**Easting:**	802,407.00 usft	**Longitude:**	103° 29' 21.259 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.45 °

Well #503H

Well Position	**+N/-S**	0.0 usft	**Northing:**	440,770.00 usft	**Latitude:**	32° 12' 32.271 N
	+E/-W	0.0 usft	**Easting:**	801,090.00 usft	**Longitude:**	103° 29' 36.573 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,538.0 usft

Wellbore ST

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	12/31/2021	6.44	59.88	47,435.45500784

Design ST

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	10,661.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	185.44

eog resources

Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #503H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Site:	Yukon 20 Fed Com	**MD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Well:	#503H	**North Reference:**	Grid
Wellbore:	ST	**Survey Calculation Method:**	Minimum Curvature
Design:	ST	**Database:**	PEDM

Survey Program **Date** 1/18/2022

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
200.0	10,661.0	Total MWD #1 (OH)	EOG MWD+IFR1	MWD + IFR1
10,700.0	20,977.0	Total MWD (ST)	EOG MWD+IFR1	MWD + IFR1

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
200.0	1.14	192.53	200.0	-1.9	-0.4	0.57	0.57	0.00	0.0	0.0
309.0	1.71	196.75	309.0	-4.6	-1.1	0.53	0.52	3.87	0.0	0.0
401.0	2.07	195.70	400.9	-7.5	-2.0	0.39	0.39	-1.14	0.0	0.0
492.0	0.97	205.19	491.9	-9.8	-2.8	1.24	-1.21	10.43	0.0	0.0
584.0	0.57	185.68	583.9	-10.9	-3.1	0.51	-0.43	-21.21	0.0	0.0
675.0	0.92	327.71	674.9	-10.7	-3.6	1.55	0.38	156.08	0.0	0.0
765.0	1.71	352.41	764.8	-8.8	-4.1	1.06	0.88	27.44	0.0	0.0
856.0	1.98	4.54	855.8	-5.9	-4.2	0.52	0.30	13.33	0.0	0.0
946.0	1.98	10.16	945.7	-2.8	-3.8	0.22	0.00	6.24	0.0	0.0
1,037.0	2.15	15.52	1,036.7	0.4	-3.1	0.28	0.19	5.89	0.0	0.0
1,127.0	1.27	69.84	1,126.6	2.4	-1.7	1.94	-0.98	60.36	0.0	0.0
1,218.0	1.14	90.67	1,217.6	2.7	0.2	0.50	-0.14	22.89	0.0	0.0
1,303.0	0.75	91.37	1,302.6	2.7	1.6	0.46	-0.46	0.82	0.0	0.0
1,397.0	0.97	91.25	1,396.6	2.6	3.0	0.23	0.23	-0.13	0.0	0.0
1,488.0	2.29	317.92	1,487.6	4.0	2.6	3.34	1.45	-146.52	0.0	0.0
1,579.0	6.28	308.17	1,578.3	8.4	-2.6	4.44	4.38	-10.71	0.0	0.0
1,669.0	8.13	299.20	1,667.6	14.5	-12.0	2.40	2.06	-9.97	0.0	0.0
1,760.0	9.05	295.42	1,757.6	20.8	-24.1	1.19	1.01	-4.15	0.0	0.0
1,851.0	10.63	292.35	1,847.2	27.0	-38.3	1.83	1.74	-3.37	0.0	0.0
2,032.0	10.90	290.59	2,025.0	39.4	-69.8	0.24	0.15	-0.97	0.0	0.0

eog resources

Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #503H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Site:	Yukon 20 Fed Com	**MD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Well:	#503H	**North Reference:**	Grid
Wellbore:	ST	**Survey Calculation Method:**	Minimum Curvature
Design:	ST	**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)
2,122.0	11.12	291.29	2,113.4	45.5	-85.8	0.29	0.24	0.78	0.0	0.0
2,213.0	11.34	290.59	2,202.6	51.9	-102.4	0.28	0.24	-0.77	0.0	0.0
2,304.0	11.29	289.54	2,291.9	58.0	-119.2	0.23	-0.05	-1.15	0.0	0.0
2,394.0	11.73	288.83	2,380.1	63.9	-136.1	0.51	0.49	-0.79	0.0	0.0
2,485.0	11.87	289.80	2,469.1	70.0	-153.7	0.27	0.15	1.07	0.0	0.0
2,576.0	10.85	295.51	2,558.4	76.9	-170.2	1.67	-1.12	6.27	0.0	0.0
2,666.0	10.55	298.24	2,646.8	84.4	-185.1	0.65	-0.33	3.03	0.0	0.0
2,756.0	10.63	298.76	2,735.3	92.3	-199.6	0.14	0.09	0.58	0.0	0.0
2,847.0	10.63	298.15	2,824.7	100.3	-214.4	0.12	0.00	-0.67	0.0	0.0
2,936.0	10.72	299.20	2,912.2	108.2	-228.9	0.24	0.10	1.18	0.0	0.0
3,027.0	10.68	299.82	3,001.6	116.6	-243.6	0.13	-0.04	0.68	0.0	0.0
3,118.0	10.72	298.94	3,091.0	124.9	-258.3	0.18	0.04	-0.97	0.0	0.0
3,208.0	10.85	298.76	3,179.4	133.0	-273.0	0.15	0.14	-0.20	0.0	0.0
3,299.0	10.63	299.82	3,268.8	141.3	-287.8	0.32	-0.24	1.16	0.0	0.0
3,389.0	9.84	293.05	3,357.4	148.4	-302.1	1.60	-0.88	-7.52	0.0	0.0
3,480.0	9.49	291.21	3,447.1	154.2	-316.3	0.51	-0.38	-2.02	0.0	0.0
3,571.0	9.40	291.56	3,536.9	159.6	-330.2	0.12	-0.10	0.38	0.0	0.0
3,661.0	9.18	291.91	3,625.7	165.0	-343.7	0.25	-0.24	0.39	0.0	0.0
3,752.0	9.14	290.41	3,715.5	170.2	-357.2	0.27	-0.04	-1.65	0.0	0.0
3,842.0	8.70	291.12	3,804.4	175.2	-370.2	0.50	-0.49	0.79	0.0	0.0
3,932.0	8.53	290.24	3,893.4	179.9	-382.8	0.24	-0.19	-0.98	0.0	0.0
4,023.0	8.39	288.92	3,983.4	184.4	-395.4	0.26	-0.15	-1.45	0.0	0.0
4,114.0	9.36	294.90	4,073.3	189.7	-408.4	1.47	1.07	6.57	0.0	0.0
4,204.0	9.62	294.11	4,162.1	195.8	-421.9	0.32	0.29	-0.88	0.0	0.0
4,295.0	9.49	294.28	4,251.8	202.0	-435.7	0.15	-0.14	0.19	0.0	0.0
4,385.0	9.27	292.44	4,340.6	207.9	-449.2	0.41	-0.24	-2.04	0.0	0.0
4,475.0	8.61	292.00	4,429.5	213.1	-462.1	0.74	-0.73	-0.49	0.0	0.0

eog resources

Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #503H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Site:	Yukon 20 Fed Com	**MD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Well:	#503H	**North Reference:**	Grid
Wellbore:	ST	**Survey Calculation Method:**	Minimum Curvature
Design:	ST	**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)
4,566.0	8.44	293.58	4,519.5	218.4	-474.6	0.32	-0.19	1.74	0.0	0.0
4,657.0	7.25	295.69	4,609.7	223.5	-485.9	1.35	-1.31	2.32	0.0	0.0
4,747.0	9.05	293.14	4,698.8	228.8	-497.5	2.04	2.00	-2.83	0.0	0.0
4,838.0	8.61	294.02	4,788.7	234.4	-510.3	0.51	-0.48	0.97	0.0	0.0
4,929.0	7.82	291.73	4,878.8	239.4	-522.3	0.94	-0.87	-2.52	0.0	0.0
5,019.0	8.66	300.87	4,967.8	245.2	-533.8	1.73	0.93	10.16	0.0	0.0
5,109.0	8.83	302.28	5,056.8	252.3	-545.4	0.30	0.19	1.57	0.0	0.0
5,149.0	8.66	302.63	5,096.3	255.6	-550.6	0.45	-0.42	0.87	0.0	0.0
5,282.0	7.95	299.73	5,227.9	265.6	-567.0	0.62	-0.53	-2.18	0.0	0.0
5,373.0	10.02	298.68	5,317.8	272.5	-579.4	2.28	2.27	-1.15	0.0	0.0
5,464.0	11.78	298.24	5,407.2	280.7	-594.5	1.94	1.93	-0.48	0.0	0.0
5,555.0	11.65	296.57	5,496.3	289.2	-610.9	0.40	-0.14	-1.84	0.0	0.0
5,645.0	11.73	295.34	5,584.4	297.2	-627.3	0.29	0.09	-1.37	0.0	0.0
5,736.0	11.73	293.93	5,673.5	304.9	-644.1	0.31	0.00	-1.55	0.0	0.0
5,826.0	11.60	292.26	5,761.6	312.0	-660.9	0.40	-0.14	-1.86	0.0	0.0
5,916.0	12.26	289.36	5,849.7	318.6	-678.3	0.99	0.73	-3.22	0.0	0.0
6,007.0	12.66	297.97	5,938.6	326.5	-696.2	2.09	0.44	9.46	0.0	0.0
6,098.0	12.26	299.64	6,027.4	335.9	-713.4	0.59	-0.44	1.84	0.0	0.0
6,188.0	11.34	298.94	6,115.5	344.9	-729.4	1.03	-1.02	-0.78	0.0	0.0
6,279.0	10.81	297.97	6,204.8	353.3	-744.8	0.62	-0.58	-1.07	0.0	0.0
6,370.0	10.50	295.69	6,294.3	360.9	-759.8	0.57	-0.34	-2.51	0.0	0.0
6,460.0	10.06	294.63	6,382.8	367.7	-774.3	0.53	-0.49	-1.18	0.0	0.0
6,551.0	9.80	294.72	6,472.4	374.3	-788.6	0.29	-0.29	0.10	0.0	0.0
6,641.0	9.98	293.67	6,561.1	380.6	-802.7	0.28	0.20	-1.17	0.0	0.0
6,731.0	10.02	293.31	6,649.7	386.8	-817.0	0.08	0.04	-0.40	0.0	0.0
6,821.0	9.98	293.58	6,738.4	393.0	-831.4	0.07	-0.04	0.30	0.0	0.0
6,913.0	9.58	293.49	6,829.0	399.3	-845.7	0.44	-0.43	-0.10	0.0	0.0

eog resources

Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #503H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Site:	Yukon 20 Fed Com	**MD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Well:	#503H	**North Reference:**	Grid
Wellbore:	ST	**Survey Calculation Method:**	Minimum Curvature
Design:	ST	**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)
7,003.0	8.92	293.31	6,917.9	405.0	-859.0	0.73	-0.73	-0.20	0.0	0.0
7,094.0	8.83	292.79	7,007.8	410.5	-871.9	0.13	-0.10	-0.57	0.0	0.0
7,184.0	8.39	292.00	7,096.8	415.7	-884.4	0.51	-0.49	-0.88	0.0	0.0
7,275.0	5.76	311.42	7,187.1	421.2	-893.9	3.87	-2.89	21.34	0.0	0.0
7,366.0	3.52	356.60	7,277.8	427.0	-897.5	4.53	-2.46	49.65	0.0	0.0
7,456.0	2.59	52.76	7,367.7	431.0	-896.1	3.32	-1.03	62.40	0.0	0.0
7,547.0	1.80	103.03	7,458.6	431.9	-893.0	2.19	-0.87	55.24	0.0	0.0
7,729.0	1.45	121.75	7,640.6	430.0	-888.3	0.35	-0.19	10.29	0.0	0.0
7,819.0	1.93	123.77	7,730.5	428.6	-886.1	0.54	0.53	2.24	0.0	0.0
7,910.0	2.07	128.61	7,821.5	426.7	-883.5	0.24	0.15	5.32	0.0	0.0
8,000.0	2.50	131.07	7,911.4	424.4	-880.8	0.49	0.48	2.73	0.0	0.0
8,091.0	2.59	134.32	8,002.3	421.7	-877.8	0.19	0.10	3.57	0.0	0.0
8,181.0	3.08	140.82	8,092.2	418.4	-874.8	0.65	0.54	7.22	0.0	0.0
8,271.0	2.29	151.02	8,182.1	414.9	-872.4	1.02	-0.88	11.33	0.0	0.0
8,362.0	1.89	149.00	8,273.0	412.1	-870.8	0.45	-0.44	-2.22	0.0	0.0
8,452.0	1.36	148.21	8,363.0	409.9	-869.4	0.59	-0.59	-0.88	0.0	0.0
8,543.0	1.27	151.28	8,454.0	408.1	-868.4	0.13	-0.10	3.37	0.0	0.0
8,633.0	0.75	159.72	8,544.0	406.6	-867.7	0.60	-0.58	9.38	0.0	0.0
8,724.0	0.48	168.95	8,634.9	405.7	-867.4	0.32	-0.30	10.14	0.0	0.0
8,814.0	0.48	190.13	8,724.9	405.0	-867.4	0.20	0.00	23.53	0.0	0.0
8,904.0	0.26	249.02	8,814.9	404.5	-867.7	0.46	-0.24	65.43	0.0	0.0
8,995.0	0.57	330.05	8,905.9	404.8	-868.1	0.65	0.34	89.04	0.0	0.0
9,086.0	0.83	338.40	8,996.9	405.9	-868.6	0.31	0.29	9.18	0.0	0.0
9,176.0	1.19	328.12	9,086.9	407.3	-869.3	0.45	0.40	-11.42	0.0	0.0
9,267.0	1.80	348.60	9,177.9	409.5	-870.1	0.88	0.67	22.51	0.0	0.0
9,358.0	2.20	344.29	9,268.8	412.5	-870.8	0.47	0.44	-4.74	0.0	0.0
9,448.0	2.42	354.13	9,358.8	416.1	-871.5	0.50	0.24	10.93	0.0	0.0

eog resources

Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #503H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Site:	Yukon 20 Fed Com	**MD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Well:	#503H	**North Reference:**	Grid
Wellbore:	ST	**Survey Calculation Method:**	Minimum Curvature
Design:	ST	**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)
9,539.0	2.55	9.25	9,449.7	420.0	-871.4	0.73	0.14	16.62	0.0	0.0
9,629.0	1.71	6.00	9,539.6	423.3	-870.9	0.94	-0.93	-3.61	0.0	0.0
9,720.0	2.24	352.11	9,630.6	426.4	-871.0	0.78	0.58	-15.26	0.0	0.0
9,810.0	1.89	333.04	9,720.5	429.5	-871.9	0.85	-0.39	-21.19	0.0	0.0
9,901.0	1.80	305.00	9,811.5	431.6	-873.8	0.99	-0.10	-30.81	0.0	0.0
9,991.0	2.11	309.66	9,901.4	433.5	-876.2	0.39	0.34	5.18	0.0	0.0
10,082.0	2.20	332.34	9,992.3	436.1	-878.3	0.94	0.10	24.92	0.0	0.0
10,172.0	2.02	318.45	10,082.3	438.8	-880.2	0.60	-0.20	-15.43	0.0	0.0
10,200.0	2.72	312.91	10,110.3	439.7	-881.0	2.63	2.50	-19.79	0.0	0.0
10,263.0	3.49	231.67	10,173.2	439.5	-883.6	6.48	1.22	-128.95	0.0	0.0
KOP (MD=10263.0')										
10,298.0	5.41	215.62	10,208.1	437.5	-885.4	6.48	5.48	-45.87	0.0	0.0
10,388.0	20.83	188.99	10,295.5	418.1	-890.4	17.97	17.13	-29.59	0.0	0.0
10,464.8	28.87	184.40	10,365.2	386.1	-893.9	10.76	10.47	-5.98	0.0	0.0
HL Crossing, MD:10464.8', TVD:10365.2',N/S:386.1', E/W:-893.9', INC:28.87										
10,479.0	30.37	183.80	10,377.5	379.1	-894.4	10.76	10.56	-4.21	0.0	0.0
10,569.0	36.83	187.58	10,452.4	329.6	-899.5	7.54	7.18	4.20	0.0	0.0
10,661.0	40.65	189.16	10,524.2	272.6	-907.9	4.29	4.15	1.72	0.0	0.0
10,700.0	36.74	187.23	10,554.6	248.5	-911.4	10.49	-10.03	-4.95	1.8	0.4
10,730.0	40.12	184.51	10,578.1	230.0	-913.3	12.60	11.27	-9.07	2.2	0.9
10,760.0	43.86	181.17	10,600.4	209.9	-914.3	14.52	12.47	-11.13	0.9	2.0
10,805.0	50.58	178.62	10,631.0	176.9	-914.2	15.50	14.93	-5.67	-1.3	5.4
10,851.0	58.67	180.73	10,657.6	139.5	-914.0	17.98	17.59	4.59	-4.1	9.4
10,881.0	63.85	183.89	10,672.0	113.2	-915.1	19.58	17.27	10.53	-6.4	11.2
10,950.0	76.16	187.32	10,695.6	48.8	-921.5	18.44	17.84	4.97	-14.3	11.8
11,041.0	87.32	185.03	10,708.6	-40.6	-931.1	12.51	12.26	-2.52	-25.8	11.4
11,131.0	88.37	183.80	10,712.0	-130.2	-938.0	1.80	1.17	-1.37	-27.7	13.5

eog resources

Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #503H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Site:	Yukon 20 Fed Com	**MD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Well:	#503H	**North Reference:**	Grid
Wellbore:	ST	**Survey Calculation Method:**	Minimum Curvature
Design:	ST	**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)
11,222.0	89.03	182.75	10,714.1	-221.1	-943.2	1.36	0.73	-1.15	-27.4	13.9
11,313.0	87.98	183.19	10,716.4	-311.9	-947.9	1.25	-1.15	0.48	-27.1	10.7
11,403.0	88.59	182.48	10,719.1	-401.8	-952.4	1.04	0.68	-0.79	-26.5	6.8
11,494.0	87.63	182.92	10,722.1	-492.6	-956.7	1.16	-1.05	0.48	-25.6	3.2
11,584.0	87.63	181.96	10,725.8	-582.5	-960.5	1.07	0.00	-1.07	-24.0	-0.1
11,675.0	86.62	180.46	10,730.4	-673.3	-962.4	1.99	-1.11	-1.65	-21.6	-1.4
11,765.0	86.35	179.67	10,735.9	-763.1	-962.5	0.93	-0.30	-0.88	-18.1	-0.9
11,856.0	85.91	179.50	10,742.1	-853.9	-961.9	0.52	-0.48	-0.19	-14.1	0.3
11,946.0	88.15	180.20	10,746.7	-943.8	-961.6	2.61	2.49	0.78	-11.5	1.2
12,036.0	88.68	179.58	10,749.2	-1,033.8	-961.5	0.91	0.59	-0.69	-11.1	1.9
12,127.0	87.76	179.32	10,752.0	-1,124.7	-960.6	1.05	-1.01	-0.29	-10.4	3.4
12,218.0	87.28	179.85	10,756.0	-1,215.6	-959.9	0.79	-0.53	0.58	-8.6	4.7
12,308.0	86.75	179.32	10,760.7	-1,305.5	-959.3	0.83	-0.59	-0.59	-6.0	5.9
12,398.0	87.50	179.76	10,765.2	-1,395.4	-958.6	0.97	0.83	0.49	-3.6	7.2
12,489.0	85.87	181.08	10,770.4	-1,486.2	-959.2	2.30	-1.79	1.45	-0.4	7.2
12,579.0	85.39	180.73	10,777.3	-1,576.0	-960.6	0.66	-0.53	-0.39	4.3	6.3
12,670.0	85.21	180.46	10,784.8	-1,666.7	-961.6	0.36	-0.20	-0.30	9.7	6.0
12,760.0	88.77	180.55	10,789.5	-1,756.5	-962.4	3.96	3.96	0.10	12.3	5.8
12,851.0	89.03	181.17	10,791.2	-1,847.5	-963.7	0.74	0.29	0.68	12.0	5.0
12,942.0	89.43	180.20	10,792.5	-1,938.5	-964.8	1.15	0.44	-1.07	11.1	4.5
13,033.0	88.46	180.02	10,794.1	-2,029.4	-965.0	1.08	-1.07	-0.20	10.6	5.0
13,123.0	87.93	179.06	10,797.0	-2,119.4	-964.3	1.22	-0.59	-1.07	11.4	6.3
13,214.0	88.33	178.18	10,799.9	-2,210.3	-962.1	1.06	0.44	-0.97	12.2	9.1
13,304.0	88.95	177.91	10,802.1	-2,300.2	-959.0	0.75	0.69	-0.30	12.3	12.7
13,395.0	89.21	179.41	10,803.5	-2,391.2	-956.9	1.67	0.29	1.65	11.6	15.5
13,485.0	88.37	180.11	10,805.4	-2,481.2	-956.5	1.21	-0.93	0.78	11.4	16.4
13,576.0	87.63	179.58	10,808.6	-2,572.1	-956.3	1.00	-0.81	-0.58	12.5	17.3

eog resources

Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #503H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Site:	Yukon 20 Fed Com	**MD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Well:	#503H	**North Reference:**	Grid
Wellbore:	ST	**Survey Calculation Method:**	Minimum Curvature
Design:	ST	**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)
13,666.0	90.00	179.50	10,810.5	-2,662.1	-955.6	2.63	2.63	-0.09	12.3	18.6
13,756.0	86.66	179.67	10,813.1	-2,752.0	-954.9	3.72	-3.71	0.19	12.8	19.9
13,847.0	84.55	177.56	10,820.1	-2,842.7	-952.7	3.27	-2.32	-2.32	17.6	22.7
13,938.0	85.03	177.21	10,828.3	-2,933.3	-948.6	0.65	0.53	-0.38	23.7	27.4
14,028.0	86.48	179.06	10,835.0	-3,023.0	-945.7	2.61	1.61	2.06	28.3	29.0
14,118.0	87.23	179.94	10,839.9	-3,112.8	-944.9	1.28	0.83	0.98	31.0	28.0
14,209.0	87.23	179.94	10,844.3	-3,203.7	-944.8	0.00	0.00	0.00	33.1	26.3
14,299.0	89.17	180.73	10,847.2	-3,293.7	-945.3	2.33	2.16	0.88	33.7	24.1
14,390.0	89.69	180.02	10,848.1	-3,384.7	-945.9	0.97	0.57	-0.78	32.4	21.7
14,481.0	90.57	179.85	10,847.9	-3,475.7	-945.8	0.98	0.97	-0.19	29.9	20.1
14,572.0	88.37	177.65	10,848.7	-3,566.6	-943.8	3.42	-2.42	-2.42	28.5	20.3
14,662.0	88.24	177.83	10,851.4	-3,656.5	-940.3	0.25	-0.14	0.20	28.9	22.1
14,752.0	89.91	178.97	10,852.8	-3,746.5	-937.8	2.25	1.86	1.27	28.1	22.9
14,843.0	90.44	178.35	10,852.5	-3,837.4	-935.6	0.90	0.58	-0.68	25.6	23.3
14,933.0	90.44	177.47	10,851.8	-3,927.4	-932.3	0.98	0.00	-0.98	22.6	24.8
15,025.0	90.92	177.91	10,850.8	-4,019.3	-928.6	0.71	0.52	0.48	19.3	26.7
15,115.0	89.74	178.62	10,850.2	-4,109.3	-925.9	1.53	-1.31	0.79	16.5	27.7
15,206.0	88.37	179.58	10,851.7	-4,200.2	-924.5	1.84	-1.51	1.05	15.8	27.4
15,296.0	88.37	179.41	10,854.3	-4,290.2	-923.7	0.19	0.00	-0.19	16.1	26.5
15,387.0	89.43	179.50	10,856.0	-4,381.2	-922.8	1.17	1.16	0.10	15.6	25.6
15,478.0	89.25	178.27	10,857.1	-4,472.1	-921.1	1.37	-0.20	-1.35	14.3	25.6
15,568.0	89.82	178.62	10,857.8	-4,562.1	-918.6	0.74	0.63	0.39	12.8	26.3
15,659.0	88.68	180.64	10,859.0	-4,653.1	-918.0	2.55	-1.25	2.22	11.8	25.1
15,750.0	88.68	180.81	10,861.1	-4,744.1	-919.2	0.19	0.00	0.19	11.6	22.2
15,840.0	89.60	180.64	10,862.5	-4,834.0	-920.3	1.04	1.02	-0.19	10.7	19.3
15,931.0	88.51	179.58	10,864.0	-4,925.0	-920.5	1.67	-1.20	-1.16	10.0	17.4
16,021.0	87.89	179.85	10,866.8	-5,015.0	-920.0	0.75	-0.69	0.30	10.6	16.1

eog resources

Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #503H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Site:	Yukon 20 Fed Com	**MD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Well:	#503H	**North Reference:**	Grid
Wellbore:	ST	**Survey Calculation Method:**	Minimum Curvature
Design:	ST	**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)
16,112.0	87.45	179.15	10,870.5	-5,105.9	-919.2	0.91	-0.48	-0.77	12.0	15.1
16,202.0	88.86	179.15	10,873.4	-5,195.8	-917.9	1.57	1.57	0.00	12.7	14.7
16,293.0	89.08	179.32	10,875.0	-5,286.8	-916.7	0.31	0.24	0.19	12.0	14.2
16,383.0	88.90	179.32	10,876.6	-5,376.8	-915.6	0.20	-0.20	0.00	11.4	13.5
16,474.0	87.89	179.32	10,879.2	-5,467.7	-914.5	1.11	-1.11	0.00	11.7	12.9
16,564.0	89.38	179.06	10,881.3	-5,557.7	-913.3	1.68	1.66	-0.29	11.6	12.4
16,655.0	89.87	178.44	10,881.9	-5,648.7	-911.3	0.87	0.54	-0.68	9.9	12.6
16,745.0	90.35	177.83	10,881.7	-5,738.6	-908.4	0.86	0.53	-0.68	7.5	13.8
16,836.0	91.14	177.39	10,880.5	-5,829.5	-904.6	0.99	0.87	-0.48	4.1	15.8
16,927.0	90.88	177.65	10,878.9	-5,920.5	-900.6	0.40	-0.29	0.29	0.2	18.0
17,017.0	91.98	178.09	10,876.7	-6,010.4	-897.3	1.32	1.22	0.49	-4.3	19.6
17,108.0	90.53	177.83	10,874.7	-6,101.3	-894.0	1.62	-1.59	-0.29	-8.5	21.1
17,198.0	87.01	178.35	10,876.6	-6,191.2	-891.0	3.95	-3.91	0.58	-8.8	22.4
17,289.0	86.84	177.65	10,881.5	-6,282.0	-887.9	0.79	-0.19	-0.77	-6.2	23.8
17,380.0	86.22	177.12	10,887.0	-6,372.7	-883.7	0.90	-0.68	-0.58	-3.0	26.2
17,470.0	87.67	179.41	10,891.8	-6,462.6	-881.0	3.01	1.61	2.54	-0.4	27.2
17,561.0	90.31	181.08	10,893.4	-6,553.5	-881.4	3.43	2.90	1.84	-1.1	25.0
17,651.0	89.96	180.55	10,893.2	-6,643.5	-882.7	0.71	-0.39	-0.59	-3.5	22.1
17,742.0	90.48	180.20	10,892.9	-6,734.5	-883.3	0.69	0.57	-0.38	-6.1	21.6
17,832.0	91.45	180.20	10,891.3	-6,824.5	-883.6	1.08	1.08	0.00	-9.8	22.5
17,923.0	90.70	180.46	10,889.6	-6,915.5	-884.1	0.87	-0.82	0.29	-13.8	23.3
18,014.0	88.95	180.46	10,889.9	-7,006.5	-884.8	1.92	-1.92	0.00	-15.8	23.8
18,104.0	87.54	180.90	10,892.7	-7,096.4	-885.9	1.64	-1.57	0.49	-15.2	23.9
18,195.0	88.33	180.55	10,895.9	-7,187.4	-887.1	0.95	0.87	-0.38	-14.2	24.0
18,285.0	88.46	180.38	10,898.5	-7,277.3	-887.8	0.24	0.14	-0.19	-13.9	24.5
18,376.0	88.95	179.58	10,900.5	-7,368.3	-887.8	1.03	0.54	-0.88	-14.1	25.8
18,467.0	88.46	179.85	10,902.6	-7,459.3	-887.3	0.61	-0.54	0.30	-14.3	27.5

eog resources

Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #503H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Site:	Yukon 20 Fed Com	**MD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Well:	#503H	**North Reference:**	Grid
Wellbore:	ST	**Survey Calculation Method:**	Minimum Curvature
Design:	ST	**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)
18,557.0	89.34	180.29	10,904.3	-7,549.3	-887.4	1.09	0.98	0.49	-14.8	28.6
18,647.0	88.59	181.08	10,905.9	-7,639.2	-888.5	1.21	-0.83	0.88	-15.4	28.8
18,738.0	88.73	180.02	10,908.1	-7,730.2	-889.4	1.17	0.15	-1.16	-15.5	29.1
18,828.0	88.55	181.34	10,910.2	-7,820.2	-890.4	1.48	-0.20	1.47	-15.6	29.3
18,919.0	88.15	182.75	10,912.8	-7,911.1	-893.7	1.61	-0.44	1.55	-15.2	27.3
19,009.0	89.03	182.75	10,915.0	-8,000.9	-898.0	0.98	0.98	0.00	-15.3	24.2
19,100.0	89.65	182.22	10,916.1	-8,091.9	-901.9	0.90	0.68	-0.58	-16.5	21.5
19,190.0	89.43	181.87	10,916.8	-8,181.8	-905.2	0.46	-0.24	-0.39	-18.0	19.5
19,281.0	90.18	181.43	10,917.1	-8,272.8	-907.8	0.96	0.82	-0.48	-19.9	18.2
19,371.0	90.53	181.08	10,916.6	-8,362.7	-909.7	0.55	0.39	-0.39	-22.7	17.4
19,462.0	91.10	180.90	10,915.3	-8,453.7	-911.3	0.66	0.63	-0.20	-26.2	17.1
19,552.0	89.95	182.66	10,914.4	-8,543.7	-914.1	2.34	-1.28	1.96	-29.3	15.5
19,642.0	87.10	182.92	10,916.8	-8,633.5	-918.5	3.18	-3.17	0.29	-29.2	12.4
19,733.0	87.76	182.48	10,920.8	-8,724.3	-922.8	0.87	0.73	-0.48	-27.4	9.3
19,823.0	89.52	181.96	10,923.0	-8,814.2	-926.3	2.04	1.96	-0.58	-27.5	7.1
19,913.0	90.88	181.69	10,922.7	-8,904.2	-929.1	1.54	1.51	-0.30	-30.0	5.5
20,004.0	88.81	182.92	10,922.9	-8,995.1	-932.8	2.65	-2.27	1.35	-32.0	3.0
20,094.0	88.95	182.66	10,924.7	-9,085.0	-937.2	0.33	0.16	-0.29	-32.5	-0.1
20,184.0	88.90	182.66	10,926.3	-9,174.9	-941.3	0.06	-0.06	0.00	-33.0	-3.0
20,274.0	88.42	182.48	10,928.5	-9,264.7	-945.4	0.57	-0.53	-0.20	-33.2	-5.9
20,365.0	89.38	182.48	10,930.2	-9,355.6	-949.3	1.05	1.05	0.00	-33.7	-8.5
20,455.0	90.53	182.40	10,930.3	-9,445.6	-953.1	1.28	1.28	-0.09	-35.8	-11.2
20,546.0	86.57	181.43	10,932.6	-9,536.5	-956.2	4.48	-4.35	-1.07	-35.8	-13.0
20,636.0	85.96	180.81	10,938.4	-9,626.2	-957.9	0.97	-0.68	-0.69	-32.1	-13.5
20,727.0	87.58	180.02	10,943.6	-9,717.1	-958.6	1.98	1.78	-0.87	-29.2	-12.9
20,817.0	87.89	179.76	10,947.1	-9,807.0	-958.4	0.45	0.34	-0.29	-27.9	-11.5

eog resources

Final PVA

Company:	Midland	**Local Co-ordinate Reference:**	Well #503H
Project:	Lea County, NM (NAD 83 NME)	**TVD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Site:	Yukon 20 Fed Com	**MD Reference:**	KB = 25' @ 3563.0usft (Pioneer 85)
Well:	#503H	**North Reference:**	Grid
Wellbore:	ST	**Survey Calculation Method:**	Minimum Curvature
Design:	ST	**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)
20,908.0	88.11	179.76	10,950.3	-9,898.0	-958.0	0.24	0.24	0.00	-27.0	-9.9
Final MWD Survey (MD=20908.0')										
20,977.0	88.11	179.76	10,952.6	-9,966.9	-957.8	0.00	0.00	0.00	-26.4	-8.7
Final Projection to Bit (MD=20977.0')										

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
10,263.0	10,173.2	439.5	-883.6	KOP (MD=10263.0')
10,464.8	10,365.2	386.1	-893.9	HL Crossing, MD:10464.8', TVD:10365.2',N/S:386.1', E/W:-893.9', INC:28.87
20,908.0	10,950.3	-9,898.0	-958.0	Final MWD Survey (MD=20908.0')
20,977.0	10,952.6	-9,966.9	-957.8	Final Projection to Bit (MD=20977.0')

Checked By: _____ Approved By: _____ Date: _____

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. 30-025-46973
2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN
3. State Oil & Gas Lease No. NMNM017241

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: YUKON 20 FED COM
6. Well Number: 503H

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: RED HILLS; BONE SPRING NORTH

12.Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	C	20	24S	34E		493'	NORTH	2155'	WEST	LEA
BH:	M	29	24S	34E		108'	SOUTH	1130'	WEST	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.)
12/1/2021	1/10/2022	1/11/2022	4/16/2022	3538'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 20977' TVD 10952'	MD 20952' TVD 10952'	YES	None

22. Producing Interval(s), of this completion - Top, Bottom, Name
2ND BONE SPRINGS 10,948'-20,952'

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	40# J-55	1345'	17 1/2"	1160 CL C/CIRC	
9 5/8"	40# J55	5196'	12 1/4"	1540 C/CIRC	
5 1/2"	20# ECP 110	20960'	8 3/4"	3545 CL H/CIRC TOC @ 6310' PRESSURE TEST ATTACHED	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)
10,948'-20,952' 3 1/8", 2070 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10,948'-20,952'	FRAC W/24,597,976 lbs proppant,332,204 bbls load fld

28. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
4/16/2022	Flowing	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4/25/2022	24	66		2337	2740	4504	1173

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - *(Corr.)*
	555					42

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

31. List Attachments: C-102, C-104, C-105, 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 Kristina Agee Printed Name Kristina Agee Title REGULATORY SPECIALIST Date 5/24/2023

E-mail Address kristina_agee@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 1177'	T. Canyon Brushy 7,577'	T. Ojo Alamo	T. Penn A"
T. Salt 1730'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 5117'	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. 1st BS Sand 10,010'	T. Entrada	
T. Wolfcamp	T. 2nd BS Shale 10,270'	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	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

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
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-103
Revised July 18, 2013

WELL API NO. 30-025-46973
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: YUKON 20 FED COM

1. Type of Well: Oil Well ☑ Gas Well ☐ Other
8. Well Number: 503H
2. Name of Operator: EOG RESOURCES, INC
9. OGRID Number: 7377
3. Address of Operator: P.O. Box 2267, Midland, TX 79706
10. Pool name or Wildcat: Red Hills; Bone Spring NORTH
4. Well Location
Unit Letter C : 493' feet from the NORTH line and 2155' feet from the WEST line
Section 20 Township 24S Range 34E NMPM County LEA
11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3538'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER: COMPLETION	☒		

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

TOC IS BELOW THE CASING SHOE, ON 5/10/2023 A SUBSEQUENT PRESSURE TEST HELD
EOG IS REQUESTING NO REMEDIAL CEMENT AT THIS TIME.

Spud Date: 12/1/2021 Rig Release Date: 1/11/2022

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kristina Agee TITLE REGULATORY SPECIALIST DATE 5/24/2023

Type or print name Kristina Agee E-mail address: kristina_agee@eogresources.com PHONE: (432)686-6996

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any):

Detailed Job Breakdown

JOB REPORT

COMPANY DETAILS

Company: EOG
Contact: MARK POPE
PHONE:

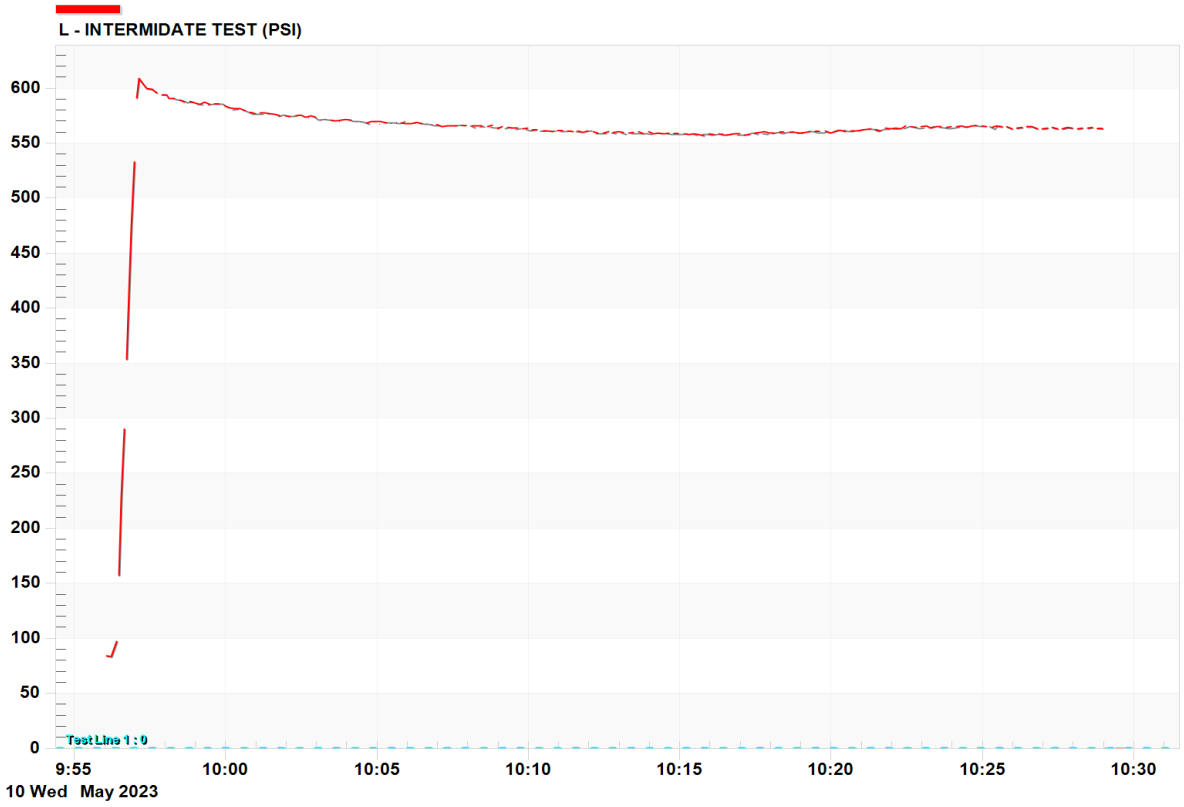
Email: Mark_pope@eogresources.com

JOB DETAILS

DATE 5/10/2023 9:56:03AM
START TIME 5/10/2023 9:56:03AM
END TIME 5/10/2023 10:29:53AM
Ticket#:
Other:
Other:

Operator:
WELL: YUKON 20 FED COM 503H
Licence #:
Contractor:
AFE:

Comments:



Time	INTERMIDATE TEST (PSI)							
9:55 58.402	83							
9:56 3.402	84							
9:56 8.403	84							
9:56 13.402	84							
9:56 18.402	84							
9:56 23.402	97							
9:56 28.403	158							
9:56 33.402	229							
9:56 38.402	290							
9:56 43.403	354							
9:56 48.402	415							
9:56 53.402	474							
9:56 58.402	533							
9:57 3.403	591							
9:57 8.402	609							
9:57 13.402	605							
9:57 18.403	602							
9:57 23.402	600							
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Time		INTERMIDATE TEST (PSI)							
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10:29	48.402	0							

Well Name:	Yukon 20 Fed Com #503H
Property Number:	75687
API Number:	30025469730000
Opening Intermediate PSI:	84 psi
Bled Intermediate PSI down to:	N/A
Fluid back to surface:	Yes / OBM
Bbls pumped to load casing:	N/A
Bbls pumped to reach 500 psi:	1 bbls
Bbls bled back after test:	1 bbls
Start	595 psi
30 min	564 psi
Bleed down, SICP:	100 psi

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 325188
	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

Action 325188

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 325188
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	File 3160-4 within 10 days of BLM Approval	3/20/2024