

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 Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		² OGRID Number 6137
		³ Reason for Filing Code/ Effective Date NW / 5/25/21
⁴ API Number 30-015-47314	⁵ Pool Name ; FORTY NINER RIDGE BONE SPRING,WEST	⁶ Pool Code [96526]
⁷ Property Code [328932]	⁸ Property Name YUKON GOLD 31 19 FEDERAL COM	⁹ Well Number 211H

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
H	31	23S	30E		2042	North	1228	East	EDDY

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
B	19	23S	30E		1068	North	2320	East	EDDY
¹² Lse Code F	¹³ Producing Method Code	¹⁴ Gas Connection Date 5/25/21	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
036785	DCP Midstream P.O. Box 50020 Midland, TX 79710-0020	Gas
320009	EnLink Midstream Operating, LP 2501 Cedar Springs Road, Suite 100, Dallas, TX 75201	Oil

IV. Well Completion Data

²¹ Spud Date 12/7/20	²² Ready Date 5/25/21	²³ TD 20920	²⁴ PWD 20910-103 TVD	²⁵ Perforations 9423 - 20900	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	363	400		
12.25	9 5/8	7605	945		
8.75	5.5	16233			
8.5	5.5	20913	3050		

V. Well Test Data Tubing set:4/6/2021- 8604.4' 2-7/8, L-80, 259 jnts

³¹ Date New Oil 6/3/21	³² Gas Delivery Date 6/3/21	³³ Test Date 6/3/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure psi	³⁶ Csg. Pressure psi
³⁷ Choke Size	³⁸ Oil 2196 bbl	³⁹ Water 4280 bbl	⁴⁰ Gas 3470 mcf		⁴¹ Test Method
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: 			OIL CONSERVATION DIVISION		
Printed name: Jenny Harms			Approved by: KURT SIMMONS		
Title: Regulatory Specialist			Title: NMOCD, SANTA FE		
E-mail Address: jenny.harms@dvn.com			Approval Date: 08/16/2021		
Date: 6/21/2021		Phone: 405-552-6560			

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

¹ API Number 30-015-47314	² Pool Code 96526	³ Pool Name FORTY NINER RIDGE BONE SPRING, WEST
⁴ Property Code 328932	⁵ Property Name YUKON GOLD 31-19 FED COM	⁶ Well Number 211H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3130.8'

¹⁰Surface Location

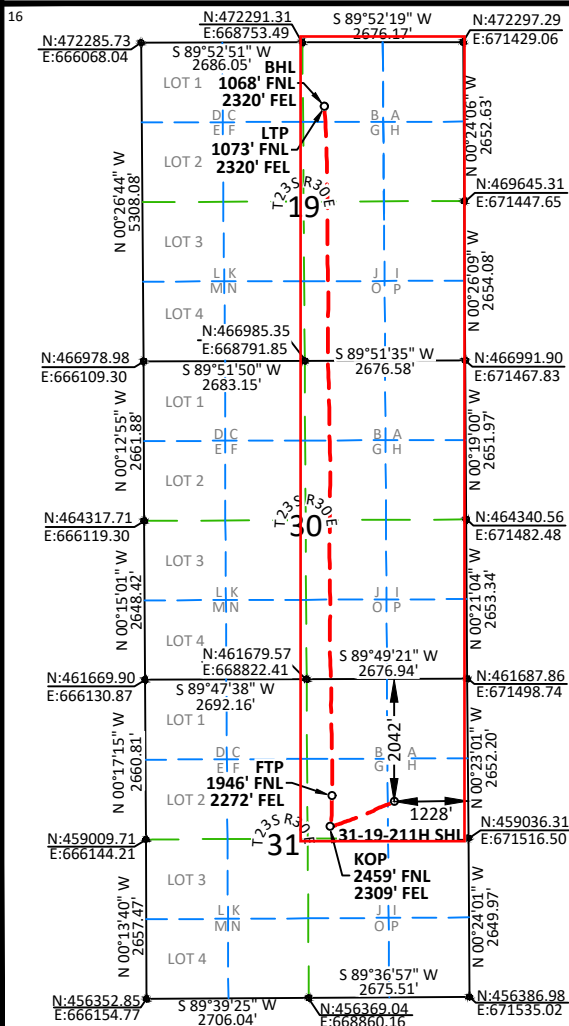
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	31	23-S	30-E		2042	NORTH	1228	EAST	EDDY

¹¹Bottom 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
B	19	23-S	30-E		1068	NORTH	2320	EAST	EDDY

¹² Dedicated Acres 800	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.



**YUKON GOLD 31-19
FED COM 211H**

ELEV: 3130.8'
LAT: 32.262944°
LON: 103.916165°
N: 459642.56
E: 670284.68

KICK OFF POINT
LAT: 32.261800°
LON: 103.919659°
N: 459222.33
E: 669206.37

FIRST TAKE POINT
LAT: 32.263209°
LON: 103.919544°
N: 459735.21
E: 669240.10

LAST TAKE POINT
LAT: 32.294777°
LON: 103.919798°
N: 471218.94
E: 669117.07

BOTTOM HOLE LOCATION
LAT: 32.294791°
LON: 103.919800°
N: 471223.92
E: 669116.64

● USGLO BRASS CAP

NOTES:

1. BEARINGS SHOWN ARE GRID BASED ON THE NEW MEXICO STATE PLANE EAST ZONE COORDINATE SYSTEM (3001), NAD 83 (2011), BASED FROM GPS OBSERVATIONS, OCCUPYING A WHS CONTROL POINT (5/8" REBAR), LOCATED AT AT N:457834.965 E:670241.029 ELEV:3198.327 DETERMINED BY AN OPUS SOLUTION ON DECEMBER 3RD, 2018.
2. DISTANCES DEPICTED HEREON ARE REPORTED AS GROUND DISTANCE IN US SURVEY FEET USING A COMBINED SCALE FACTOR OF 1.000221017
3. ELEVATIONS ARE OF NAVD 88 COMPUTED USING GEOID 12B.
4. DRILL PATH INFORMATION HAS BEEN PROVIDED TO WHS BY THE CLIENT.
5. SURFACE HOLE LOCATIONS (SHL) ARE DERIVED FROM THE ORIGINALLY PLATTED WELL LOCATIONS.

¹⁷OPERATOR 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.

Jenny Harms 6-8-2021
Signature Date

Printed Name

JENNY.HARMS@DVN.COM
E-mail Address

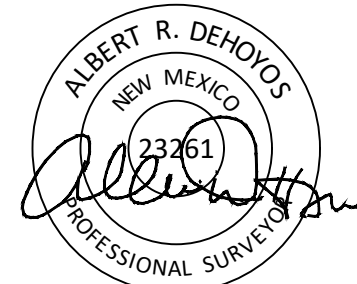
¹⁸SURVEYOR CERTIFICATION

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

01/20/2021

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate No. 23261 Albert Dehoyos
Drawn by: BLM Checked by: ARD Date: 06/07/2021

Intent ☐ As Drilled ☒

API # 30-015-47314		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: YUKON GOLD 31-19 FED COM	Well Number 211H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
G	31	23-S	30-E		2459	NORTH	2309	EAST	EDDY
Latitude 32.261800°					Longitude -103.919659°				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
G	31	23-S	30-E		1946	NORTH	2272	EAST	EDDY
Latitude 32.263209°					Longitude -103.919544°				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
B	19	23-S	30-E		1073	NORTH	2320	EAST	EDDY
Latitude 32.294777°					Longitude -103.919798°				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ noIs this well an infill well? ☐ yes

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

API #		
Operator Name:	Property Name:	Well Number

DW 11/12/2019



Final MWD Survey Certification

Eddy County, New Mexico

Client: Devon Energy

Well Name: Yukon Gold 31-19 Fed Com 211H

Total Job No: SW-200548

API No: 30-015-47314

Start Date: 11/10/2020

End Date: 12/03/2020

Measured Start Depth: 296 feet

Measured End Depth (PTB): 20920.00 feet

I, Scott Cowan, MWD Operator, hereby certify that; I am employed by Total Directional Services, LLC and we conducted or supervised the taking of these open hole MWD surveys at the request of this client. This data is true, correct, complete and within the limitations of the tool as set forth by Total Directional Services, LLC. I am authorized and qualified to make this report and have reviewed this report and find that it conforms to the principals and procedures as set forth by Total Directional Services, LLC.

Date: 12/03/2020

Signed: *Scott Cowan*

Project: Eddy County, NM (NAD83)
 Site: Yukon Gold 31-19 Fed Com
 Well: Yukon Gold 31-19 Fed Com 211H
 Wellbore: OH
 Design: OH



Azimuths to Grid North
 True North: -0.22°
 Magnetic North: 6.54°

Magnetic Field
 Strength: 47781.5nT
 Dip Angle: 59.97°
 Date: 10/13/2020
 Model: HDGM2020

devon

3130.8' GE + 25' KB @ 3155.80usft

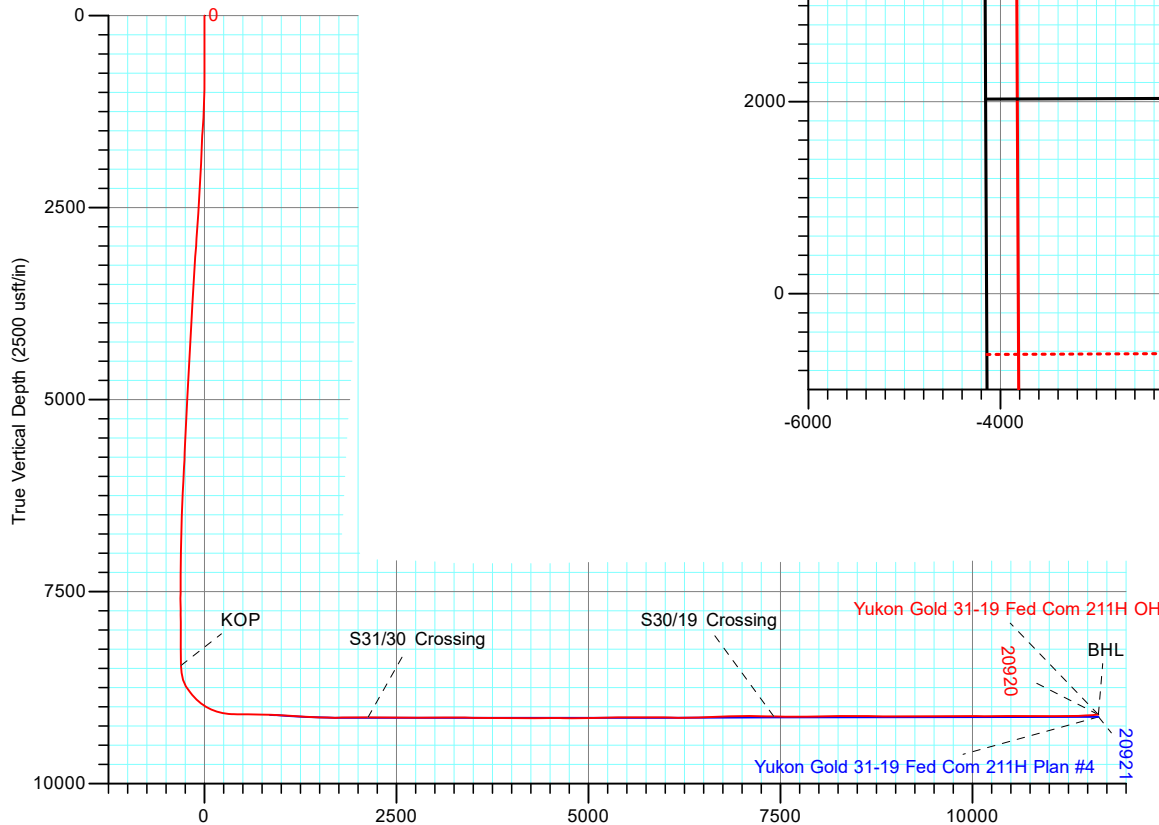
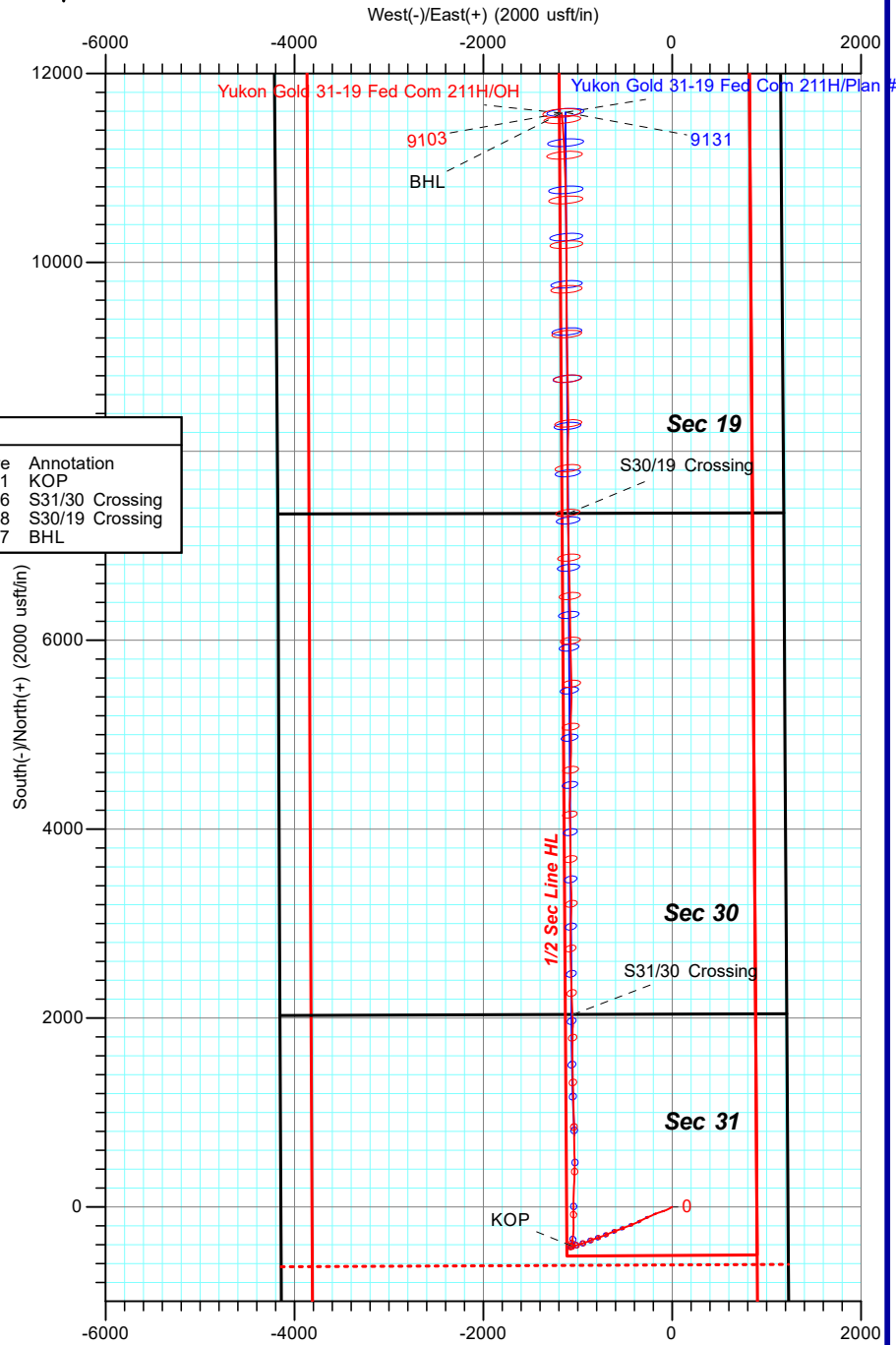
PROJECT DETAILS: Eddy County, NM (NAD83)

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Eastern Zone

ACTUAL LINE CALLS
SHL: 2042' FNL, 1228' FEL S31
KOP: 2449' FNL, 2294' FEL S31
BHL: 1073' FNL, 2321' FEL S19

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
8572.00	1.30	50.30	8464.45	-413.53	-1063.37	-304.74	1191.61	KOP
11369.54	90.03	358.26	9139.30	2035.60	-1054.17	2131.10	3642.96	S31/30 Crossing
16677.36	90.21	359.01	9126.66	7341.06	-1104.90	7414.88	8949.88	S30/19 Crossing
20920.00	94.40	355.10	9103.06	11581.36	-1168.04	11640.12	13191.67	BHL



TOTAL DIRECTIONAL SERVICES LLC
 671 Academy Ct, Windsor, CO 80550

Phone: (970) 460-9402

Design: OH (Yukon Gold 31-19 Fed Com 211H/OH)
 Created By: Dustin Ault
 Date: 23:30, December 08 2020
 Approved: _____ Date: _____



Devon Energy

Eddy County, NM (NAD83)

Yukon Gold 31-19 Fed Com

Yukon Gold 31-19 Fed Com 211H

OH

Design: OH

Standard Survey Report

08 December, 2020





Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Yukon Gold 31-19 Fed Com 211H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3130.8' GE + 25' KB @ 3155.80usft
Site:	Yukon Gold 31-19 Fed Com	MD Reference:	3130.8' GE + 25' KB @ 3155.80usft
Well:	Yukon Gold 31-19 Fed Com 211H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

Project	Eddy County, NM (NAD83)		
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 Gold 31-19 Fed Com			
Site Position:		Northing:	459,642.65 usft	Latitude:	32.262944
From:	Map	Easting:	670,314.68 usft	Longitude:	-103.916069
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.22 °

Well		Yukon Gold 31-19 Fed Com 211H				
Well Position	+N/-S	0.00 usft	Northing:	459,642.56 usft	Latitude:	32.262944
	+E/-W	0.00 usft	Easting:	670,284.68 usft	Longitude:	-103.916166
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,130.80 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2020	10/13/2020	6.77	59.97	47,781.50000000

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	354.24	

Survey Program	Date	12/8/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
417.00	20,864.00	Survey #2 - MWD (OH)	OWSG (Rev2) MWD	OWSG MWD - Standard	
20,920.00	20,920.00	Survey #3 - Proj to TD (OH)	BLIND	OWSG BLIND	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SHL (Yukon Gold 31-19 Fed Com 211H)										
417.00	0.30	303.30	417.00	0.60	-0.91	0.69	0.07	0.07	0.00	
508.00	0.20	278.10	508.00	0.75	-1.27	0.88	0.16	-0.11	-27.69	
599.00	0.10	264.90	599.00	0.77	-1.51	0.92	0.12	-0.11	-14.51	
691.00	0.30	280.70	691.00	0.81	-1.82	0.98	0.22	0.22	17.17	
782.00	0.30	249.10	782.00	0.76	-2.28	0.99	0.18	0.00	-34.73	
872.00	0.30	243.50	871.99	0.58	-2.71	0.84	0.03	0.00	-6.22	
964.00	0.90	245.20	963.99	0.16	-3.58	0.52	0.65	0.65	1.85	
1,055.00	2.40	234.60	1,054.95	-1.24	-5.78	-0.65	1.68	1.65	-11.65	



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Yukon Gold 31-19 Fed Com 211H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3130.8' GE + 25' KB @ 3155.80usft
Site:	Yukon Gold 31-19 Fed Com	MD Reference:	3130.8' GE + 25' KB @ 3155.80usft
Well:	Yukon Gold 31-19 Fed Com 211H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
1,146.00	4.10	234.70	1,145.80	-4.22	-9.99	-3.20	1.87	1.87	0.11	
1,238.00	5.80	235.70	1,237.45	-8.74	-16.52	-7.04	1.85	1.85	1.09	
1,329.00	7.30	238.10	1,327.86	-14.39	-25.22	-11.79	1.68	1.65	2.64	
1,420.00	9.20	241.00	1,417.91	-20.97	-36.50	-17.20	2.14	2.09	3.19	
1,515.00	10.80	246.10	1,511.47	-28.26	-51.28	-22.97	1.92	1.68	5.37	
1,610.00	11.90	249.30	1,604.61	-35.33	-68.58	-28.27	1.33	1.16	3.37	
1,705.00	12.00	251.20	1,697.55	-41.97	-87.09	-33.02	0.43	0.11	2.00	
1,800.00	11.80	252.10	1,790.51	-48.14	-105.68	-37.29	0.29	-0.21	0.95	
1,894.00	11.70	252.00	1,882.54	-54.04	-123.89	-41.34	0.11	-0.11	-0.11	
1,989.00	10.90	252.00	1,975.70	-59.79	-141.59	-45.28	0.84	-0.84	0.00	
2,084.00	10.60	250.70	2,069.03	-65.46	-158.38	-49.23	0.41	-0.32	-1.37	
2,179.00	11.30	247.50	2,162.30	-71.91	-175.23	-53.96	0.98	0.74	-3.37	
2,274.00	10.90	246.70	2,255.52	-79.02	-192.08	-59.35	0.45	-0.42	-0.84	
2,369.00	11.10	246.80	2,348.78	-86.18	-208.73	-64.80	0.21	0.21	0.11	
2,464.00	10.90	247.30	2,442.03	-93.25	-225.42	-70.15	0.23	-0.21	0.53	
2,558.00	10.80	246.50	2,534.35	-100.19	-241.70	-75.43	0.19	-0.11	-0.85	
2,653.00	11.40	244.30	2,627.57	-107.81	-258.32	-81.34	0.77	0.63	-2.32	
2,748.00	11.20	243.70	2,720.73	-115.97	-275.05	-87.78	0.24	-0.21	-0.63	
2,843.00	10.90	243.00	2,813.97	-124.13	-291.33	-94.27	0.35	-0.32	-0.74	
2,938.00	11.10	243.80	2,907.22	-132.25	-307.54	-100.72	0.26	0.21	0.84	
3,033.00	11.00	241.70	3,000.46	-140.58	-323.72	-107.39	0.44	-0.11	-2.21	
3,128.00	11.60	240.10	3,093.62	-149.64	-339.98	-114.77	0.71	0.63	-1.68	
3,223.00	13.20	244.00	3,186.40	-159.16	-358.01	-122.43	1.90	1.68	4.11	
3,318.00	12.80	247.80	3,278.97	-167.89	-377.51	-129.16	0.99	-0.42	4.00	
3,413.00	11.50	248.90	3,371.84	-175.27	-396.08	-134.64	1.39	-1.37	1.16	
3,507.00	10.10	248.50	3,464.17	-181.67	-412.50	-139.36	1.49	-1.49	-0.43	
3,602.00	10.60	249.10	3,557.63	-187.84	-428.41	-143.90	0.54	0.53	0.63	
3,697.00	12.40	248.80	3,650.72	-194.65	-446.08	-148.90	1.90	1.89	-0.32	
3,791.00	12.50	248.40	3,742.51	-202.04	-464.95	-154.36	0.14	0.11	-0.43	
3,886.00	12.00	248.30	3,835.34	-209.48	-483.69	-159.88	0.53	-0.53	-0.11	
3,981.00	11.90	249.00	3,928.28	-216.64	-502.01	-165.17	0.19	-0.11	0.74	
4,076.00	11.60	248.90	4,021.29	-223.59	-520.06	-170.27	0.32	-0.32	-0.11	
4,171.00	11.50	249.70	4,114.37	-230.31	-537.85	-175.18	0.20	-0.11	0.84	
4,266.00	11.30	250.30	4,207.50	-236.73	-555.50	-179.80	0.24	-0.21	0.63	
4,361.00	10.80	250.10	4,300.73	-242.90	-572.63	-184.21	0.53	-0.53	-0.21	
4,455.00	10.20	249.40	4,393.16	-248.83	-588.70	-188.50	0.65	-0.64	-0.74	
4,550.00	10.70	248.50	4,486.58	-255.02	-604.78	-193.04	0.55	0.53	-0.95	
4,645.00	11.90	247.20	4,579.74	-262.05	-622.02	-198.31	1.29	1.26	-1.37	
4,740.00	12.30	246.90	4,672.63	-269.81	-640.35	-204.19	0.43	0.42	-0.32	
4,835.00	12.00	247.40	4,765.50	-277.58	-658.78	-210.07	0.33	-0.32	0.53	
4,929.00	11.60	247.20	4,857.52	-284.99	-676.51	-215.67	0.43	-0.43	-0.21	
5,024.00	11.00	248.20	4,950.67	-292.06	-693.73	-220.97	0.66	-0.63	1.05	
5,119.00	10.60	249.10	5,043.99	-298.54	-710.31	-225.76	0.46	-0.42	0.95	



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Yukon Gold 31-19 Fed Com 211H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3130.8' GE + 25' KB @ 3155.80usft
Site:	Yukon Gold 31-19 Fed Com	MD Reference:	3130.8' GE + 25' KB @ 3155.80usft
Well:	Yukon Gold 31-19 Fed Com 211H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,213.00	10.70	249.40	5,136.37	-304.70	-726.56	-230.25	0.12	0.11	0.32
5,308.00	10.80	249.90	5,229.70	-310.86	-743.17	-234.72	0.14	0.11	0.53
5,403.00	11.00	250.30	5,322.99	-316.97	-760.06	-239.11	0.23	0.21	0.42
5,498.00	10.80	250.70	5,416.28	-322.97	-777.00	-243.37	0.23	-0.21	0.42
5,592.00	10.90	251.30	5,508.60	-328.73	-793.73	-247.43	0.16	0.11	0.64
5,687.00	10.10	251.70	5,602.00	-334.23	-810.14	-251.25	0.85	-0.84	0.42
5,782.00	9.90	250.10	5,695.56	-339.62	-825.73	-255.05	0.36	-0.21	-1.68
5,877.00	10.20	248.40	5,789.10	-345.50	-841.23	-259.34	0.44	0.32	-1.79
5,972.00	10.60	247.40	5,882.54	-351.95	-857.12	-264.17	0.46	0.42	-1.05
6,067.00	10.80	248.20	5,975.89	-358.62	-873.45	-269.16	0.26	0.21	0.84
6,161.00	11.00	248.60	6,068.19	-365.16	-889.98	-274.01	0.23	0.21	0.43
6,256.00	10.70	248.90	6,161.50	-371.64	-906.64	-278.79	0.32	-0.32	0.32
6,351.00	10.40	249.60	6,254.89	-377.81	-922.91	-283.29	0.34	-0.32	0.74
6,445.00	9.90	251.00	6,347.42	-383.39	-938.50	-287.28	0.59	-0.53	1.49
6,540.00	9.50	252.60	6,441.06	-388.40	-953.70	-290.74	0.51	-0.42	1.68
6,635.00	9.10	253.90	6,534.81	-392.82	-968.40	-293.67	0.48	-0.42	1.37
6,730.00	8.80	254.10	6,628.66	-396.90	-982.61	-296.29	0.32	-0.32	0.21
6,825.00	8.20	254.70	6,722.61	-400.68	-996.13	-298.70	0.64	-0.63	0.63
6,919.00	7.80	255.10	6,815.70	-404.09	-1,008.76	-300.82	0.43	-0.43	0.43
7,014.00	7.30	254.10	6,909.87	-407.40	-1,020.80	-302.91	0.54	-0.53	-1.05
7,109.00	6.50	256.80	7,004.18	-410.28	-1,031.84	-304.67	0.91	-0.84	2.84
7,204.00	6.00	257.80	7,098.62	-412.56	-1,041.92	-305.92	0.54	-0.53	1.05
7,299.00	5.30	259.00	7,193.16	-414.44	-1,051.08	-306.88	0.75	-0.74	1.26
7,394.00	5.10	258.10	7,287.77	-416.15	-1,059.52	-307.73	0.23	-0.21	-0.95
7,489.00	4.90	257.50	7,382.40	-417.90	-1,067.62	-308.66	0.22	-0.21	-0.63
7,561.00	4.30	258.30	7,454.17	-419.11	-1,073.26	-309.30	0.84	-0.83	1.11
7,625.00	4.40	256.60	7,517.99	-420.17	-1,078.00	-309.87	0.25	0.16	-2.66
7,720.00	2.10	263.80	7,612.83	-421.20	-1,083.27	-310.37	2.45	-2.42	7.58
7,815.00	1.10	28.90	7,707.81	-420.59	-1,084.56	-309.63	3.03	-1.05	131.68
7,909.00	2.20	59.40	7,801.77	-418.88	-1,082.58	-308.13	1.46	1.17	32.45
8,004.00	2.20	67.50	7,896.70	-417.26	-1,079.32	-306.84	0.33	0.00	8.53
8,099.00	1.80	74.00	7,991.64	-416.15	-1,076.20	-306.05	0.48	-0.42	6.84
8,193.00	1.80	81.90	8,085.60	-415.53	-1,073.32	-305.73	0.26	0.00	8.40
8,288.00	1.90	84.90	8,180.55	-415.18	-1,070.28	-305.69	0.15	0.11	3.16
8,383.00	1.40	72.60	8,275.51	-414.69	-1,067.60	-305.47	0.64	-0.53	-12.95
8,478.00	1.40	86.70	8,370.48	-414.28	-1,065.33	-305.29	0.36	0.00	14.84
8,572.00	1.30	50.30	8,464.45	-413.53	-1,063.37	-304.74	0.90	-0.11	-38.72
KOP									
8,667.00	8.20	2.80	8,559.09	-406.07	-1,062.21	-297.43	7.77	7.26	-50.00
8,761.00	18.20	7.50	8,650.49	-384.76	-1,059.96	-276.46	10.69	10.64	5.00
8,856.00	31.20	8.50	8,736.61	-345.55	-1,054.36	-238.00	13.69	13.68	1.05
8,951.00	40.30	5.30	8,813.64	-290.50	-1,047.87	-183.89	9.78	9.58	-3.37
9,045.00	42.30	2.60	8,884.26	-228.62	-1,043.63	-122.74	2.85	2.13	-2.87
9,140.00	51.20	359.90	8,949.29	-159.52	-1,042.24	-54.13	9.59	9.37	-2.84



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Yukon Gold 31-19 Fed Com 211H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3130.8' GE + 25' KB @ 3155.80usft
Site:	Yukon Gold 31-19 Fed Com	MD Reference:	3130.8' GE + 25' KB @ 3155.80usft
Well:	Yukon Gold 31-19 Fed Com 211H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,234.00	61.60	357.70	9,001.25	-81.36	-1,043.97	23.81	11.23	11.06	-2.34
9,329.00	66.00	359.70	9,043.18	3.83	-1,045.87	108.76	5.00	4.63	2.11
9,423.00	76.30	1.90	9,073.51	92.65	-1,044.58	197.00	11.18	10.96	2.34
9,518.00	83.00	3.90	9,090.57	185.93	-1,039.84	289.33	7.35	7.05	2.11
9,549.40	84.87	3.13	9,093.89	217.09	-1,037.92	320.15	6.44	5.95	-2.46
LP (Yukon Gold 31-19 Fed Com 211H)									
9,612.00	88.60	1.60	9,097.46	279.52	-1,035.35	382.01	6.44	5.96	-2.44
9,707.00	89.80	1.80	9,098.78	374.47	-1,032.53	476.19	1.28	1.26	0.21
9,801.00	89.00	358.90	9,099.77	468.45	-1,031.95	569.64	3.20	-0.85	-3.09
9,896.00	88.30	358.20	9,102.01	563.39	-1,034.36	664.34	1.04	-0.74	-0.74
9,990.00	88.50	359.60	9,104.63	657.34	-1,036.16	758.00	1.50	0.21	1.49
10,085.00	88.60	357.90	9,107.03	752.28	-1,038.23	852.67	1.79	0.11	-1.79
10,180.00	88.10	0.10	9,109.77	847.22	-1,039.89	947.29	2.37	-0.53	2.32
10,274.00	87.90	359.00	9,113.05	941.16	-1,040.63	1,040.83	1.19	-0.21	-1.17
10,368.00	85.40	358.80	9,118.54	1,034.97	-1,042.43	1,134.35	2.67	-2.66	-0.21
10,463.00	86.20	358.40	9,125.50	1,129.69	-1,044.74	1,228.82	0.94	0.84	-0.42
10,558.00	86.20	357.80	9,131.80	1,224.43	-1,047.89	1,323.40	0.63	0.00	-0.63
10,652.00	87.90	358.50	9,136.63	1,318.25	-1,050.92	1,417.05	1.96	1.81	0.74
10,747.00	88.30	358.50	9,139.78	1,413.17	-1,053.40	1,511.74	0.42	0.42	0.00
10,842.00	89.30	359.70	9,141.77	1,508.13	-1,054.89	1,606.37	1.64	1.05	1.26
10,937.00	89.70	359.90	9,142.60	1,603.13	-1,055.23	1,700.92	0.47	0.42	0.21
11,031.00	90.60	0.80	9,142.36	1,697.12	-1,054.65	1,794.39	1.35	0.96	0.96
11,126.00	90.70	0.80	9,141.28	1,792.11	-1,053.32	1,888.76	0.11	0.11	0.00
11,220.00	91.00	0.70	9,139.88	1,886.09	-1,052.09	1,982.14	0.34	0.32	-0.11
11,315.00	89.80	358.60	9,139.22	1,981.08	-1,052.68	2,076.71	2.55	-1.26	-2.21
11,369.54	90.03	358.26	9,139.30	2,035.60	-1,054.17	2,131.10	0.76	0.42	-0.63
S31/30 Crossing									
11,410.00	90.20	358.00	9,139.22	2,076.03	-1,055.49	2,171.47	0.76	0.42	-0.63
11,504.00	89.50	357.80	9,139.47	2,169.97	-1,058.94	2,265.28	0.77	-0.74	-0.21
11,599.00	89.10	356.60	9,140.63	2,264.85	-1,063.58	2,360.14	1.33	-0.42	-1.26
11,693.00	88.80	357.80	9,142.35	2,358.72	-1,068.17	2,454.00	1.32	-0.32	1.28
11,788.00	89.80	358.60	9,143.51	2,453.66	-1,071.15	2,548.76	1.35	1.05	0.84
11,882.00	90.40	359.90	9,143.35	2,547.65	-1,072.38	2,642.40	1.52	0.64	1.38
11,977.00	91.00	359.10	9,142.19	2,642.64	-1,073.21	2,736.99	1.05	0.63	-0.84
12,071.00	89.90	359.40	9,141.45	2,736.63	-1,074.44	2,830.63	1.21	-1.17	0.32
12,166.00	89.90	0.90	9,141.61	2,831.62	-1,074.19	2,925.12	1.58	0.00	1.58
12,261.00	90.50	0.30	9,141.28	2,926.62	-1,073.20	3,019.54	0.89	0.63	-0.63
12,355.00	89.40	1.60	9,141.36	3,020.60	-1,071.64	3,112.89	1.81	-1.17	1.38
12,450.00	90.00	1.00	9,141.86	3,115.57	-1,069.49	3,207.17	0.89	0.63	-0.63
12,544.00	90.20	1.30	9,141.70	3,209.56	-1,067.60	3,300.49	0.38	0.21	0.32
12,639.00	89.80	359.00	9,141.70	3,304.55	-1,067.35	3,394.97	2.46	-0.42	-2.42
12,734.00	89.00	357.80	9,142.69	3,399.50	-1,070.00	3,489.72	1.52	-0.84	-1.26
12,829.00	89.30	357.10	9,144.10	3,494.40	-1,074.23	3,584.56	0.80	0.32	-0.74



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Yukon Gold 31-19 Fed Com 211H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3130.8' GE + 25' KB @ 3155.80usft
Site:	Yukon Gold 31-19 Fed Com	MD Reference:	3130.8' GE + 25' KB @ 3155.80usft
Well:	Yukon Gold 31-19 Fed Com 211H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,923.00	89.60	0.10	9,145.00	3,588.36	-1,076.52	3,678.27	3.21	0.32	3.19
13,018.00	89.10	359.70	9,146.08	3,683.35	-1,076.69	3,772.80	0.67	-0.53	-0.42
13,112.00	89.30	359.80	9,147.40	3,777.34	-1,077.10	3,866.36	0.24	0.21	0.11
13,207.00	89.40	359.50	9,148.47	3,872.33	-1,077.68	3,960.93	0.33	0.11	-0.32
13,301.00	90.10	359.60	9,148.88	3,966.33	-1,078.42	4,054.52	0.75	0.74	0.11
13,396.00	89.10	358.00	9,149.55	4,061.30	-1,080.41	4,149.21	1.99	-1.05	-1.68
13,490.00	90.80	358.60	9,149.63	4,155.25	-1,083.20	4,242.98	1.92	1.81	0.64
13,585.00	90.60	0.40	9,148.47	4,250.24	-1,084.03	4,337.56	1.91	-0.21	1.89
13,679.00	90.50	2.40	9,147.57	4,344.20	-1,081.73	4,430.82	2.13	-0.11	2.13
13,774.00	90.30	2.00	9,146.90	4,439.13	-1,078.08	4,524.90	0.47	-0.21	-0.42
13,869.00	89.20	0.60	9,147.32	4,534.10	-1,075.93	4,619.18	1.87	-1.16	-1.47
13,963.00	90.20	1.00	9,147.81	4,628.09	-1,074.61	4,712.56	1.15	1.06	0.43
14,055.00	89.80	0.80	9,147.81	4,720.08	-1,073.17	4,803.94	0.49	-0.43	-0.22
14,145.00	91.30	1.00	9,146.94	4,810.06	-1,071.76	4,893.33	1.68	1.67	0.22
14,237.00	90.30	359.50	9,145.66	4,902.04	-1,071.36	4,984.81	1.96	-1.09	-1.63
14,328.00	90.10	359.70	9,145.34	4,993.04	-1,071.99	5,075.41	0.31	-0.22	0.22
14,420.00	88.80	358.50	9,146.23	5,085.02	-1,073.44	5,167.07	1.92	-1.41	-1.30
14,510.00	94.30	2.90	9,143.79	5,174.93	-1,072.34	5,256.41	7.82	6.11	4.89
14,602.00	91.60	1.50	9,139.06	5,266.73	-1,068.82	5,347.39	3.30	-2.93	-1.52
14,693.00	90.60	0.90	9,137.31	5,357.69	-1,066.91	5,437.71	1.28	-1.10	-0.66
14,784.00	88.90	359.30	9,137.71	5,448.68	-1,066.75	5,528.22	2.57	-1.87	-1.76
14,875.00	90.50	359.50	9,138.18	5,539.67	-1,067.70	5,618.85	1.77	1.76	0.22
14,966.00	89.80	358.90	9,137.94	5,630.66	-1,068.98	5,709.51	1.01	-0.77	-0.66
15,058.00	89.70	358.70	9,138.35	5,722.64	-1,070.90	5,801.22	0.24	-0.11	-0.22
15,149.00	89.90	358.70	9,138.66	5,813.62	-1,072.97	5,891.94	0.22	0.22	0.00
15,240.00	89.20	358.50	9,139.38	5,904.59	-1,075.19	5,982.67	0.80	-0.77	-0.22
15,263.89	89.09	358.50	9,139.73	5,928.47	-1,075.82	6,006.50	0.44	-0.44	0.00
TGT 1 (Yukon Gold 31-19 Fed Com 211H)									
15,331.00	88.80	358.50	9,140.97	5,995.54	-1,077.57	6,073.41	0.44	-0.44	0.00
15,426.00	88.80	359.40	9,142.96	6,090.50	-1,079.31	6,168.07	0.95	0.00	0.95
15,520.00	90.80	359.50	9,143.28	6,184.49	-1,080.21	6,261.67	2.13	2.13	0.11
15,615.00	92.50	359.50	9,140.55	6,279.45	-1,081.04	6,356.23	1.79	1.79	0.00
15,710.00	91.10	359.20	9,137.57	6,374.39	-1,082.12	6,450.80	1.51	-1.47	-0.32
15,804.00	90.30	359.10	9,136.42	6,468.37	-1,083.51	6,544.45	0.86	-0.85	-0.11
15,899.00	92.00	358.50	9,134.51	6,563.33	-1,085.50	6,639.13	1.90	1.79	-0.63
15,994.00	93.50	358.30	9,129.95	6,658.18	-1,088.15	6,733.77	1.59	1.58	-0.21
16,088.00	92.60	359.00	9,124.95	6,752.02	-1,090.36	6,827.35	1.21	-0.96	0.74
16,177.00	91.60	359.10	9,121.69	6,840.95	-1,091.84	6,915.98	1.13	-1.12	0.11
16,211.00	90.70	358.80	9,121.01	6,874.93	-1,092.46	6,949.86	2.79	-2.65	-0.88
16,306.00	88.80	358.70	9,121.42	6,969.91	-1,094.53	7,044.56	2.00	-2.00	-0.11
16,400.00	89.50	357.90	9,122.82	7,063.85	-1,097.32	7,138.31	1.13	0.74	-0.85
16,495.00	88.60	357.80	9,124.39	7,158.77	-1,100.89	7,233.11	0.95	-0.95	-0.11
16,590.00	89.20	359.10	9,126.22	7,253.72	-1,103.45	7,327.83	1.51	0.63	1.37
16,677.36	90.21	359.01	9,126.66	7,341.06	-1,104.90	7,414.88	1.16	1.16	-0.11



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Yukon Gold 31-19 Fed Com 211H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3130.8' GE + 25' KB @ 3155.80usft
Site:	Yukon Gold 31-19 Fed Com	MD Reference:	3130.8' GE + 25' KB @ 3155.80usft
Well:	Yukon Gold 31-19 Fed Com 211H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
S30/19 Crossing									
16,685.00	90.30	359.00	9,126.63	7,348.70	-1,105.03	7,422.49	1.16	1.16	-0.11
16,780.00	89.40	359.90	9,126.88	7,443.69	-1,105.94	7,517.10	1.34	-0.95	0.95
16,874.00	89.30	0.00	9,127.94	7,537.69	-1,106.02	7,610.63	0.15	-0.11	0.11
16,969.00	88.70	0.10	9,129.60	7,632.67	-1,105.94	7,705.13	0.64	-0.63	0.11
17,064.00	89.90	0.20	9,130.76	7,727.66	-1,105.69	7,799.61	1.27	1.26	0.11
17,158.00	91.60	0.40	9,129.53	7,821.65	-1,105.20	7,893.07	1.82	1.81	0.21
17,253.00	90.30	0.40	9,127.96	7,916.63	-1,104.54	7,987.51	1.37	-1.37	0.00
17,348.00	90.70	0.10	9,127.13	8,011.63	-1,104.12	8,081.99	0.53	0.42	-0.32
17,442.00	92.90	1.20	9,124.18	8,105.57	-1,103.06	8,175.34	2.62	2.34	1.17
17,537.00	91.70	0.90	9,120.36	8,200.48	-1,101.32	8,269.60	1.30	-1.26	-0.32
17,632.00	90.60	0.80	9,118.46	8,295.44	-1,099.91	8,363.95	1.16	-1.16	-0.11
17,727.00	89.50	359.60	9,118.37	8,390.44	-1,099.58	8,458.43	1.71	-1.16	-1.26
17,821.00	88.50	359.50	9,120.01	8,484.42	-1,100.32	8,552.01	1.07	-1.06	-0.11
17,916.00	88.80	359.00	9,122.25	8,579.39	-1,101.56	8,646.62	0.61	0.32	-0.53
18,011.00	89.10	357.80	9,123.99	8,674.33	-1,104.21	8,741.35	1.30	0.32	-1.26
18,106.00	89.00	358.80	9,125.57	8,769.28	-1,107.03	8,836.10	1.06	-0.11	1.05
18,200.00	90.00	358.50	9,126.39	8,863.25	-1,109.24	8,929.82	1.11	1.06	-0.32
18,295.00	89.60	358.90	9,126.72	8,958.22	-1,111.40	9,024.53	0.60	-0.42	0.42
18,390.00	90.70	358.70	9,126.47	9,053.20	-1,113.39	9,119.23	1.18	1.16	-0.21
18,485.00	89.90	359.60	9,125.97	9,148.18	-1,114.80	9,213.87	1.27	-0.84	0.95
18,579.00	90.60	359.90	9,125.56	9,242.18	-1,115.21	9,307.44	0.81	0.74	0.32
18,674.00	90.90	359.90	9,124.32	9,337.17	-1,115.37	9,401.97	0.32	0.32	0.00
18,769.00	89.90	359.30	9,123.66	9,432.17	-1,116.04	9,496.55	1.23	-1.05	-0.63
18,863.00	90.90	359.10	9,123.00	9,526.15	-1,117.35	9,590.19	1.08	1.06	-0.21
18,958.00	90.10	359.90	9,122.17	9,621.14	-1,118.18	9,684.79	1.19	-0.84	0.84
19,052.00	90.90	359.60	9,121.35	9,715.14	-1,118.59	9,778.35	0.91	0.85	-0.32
19,146.00	89.60	0.50	9,120.94	9,809.14	-1,118.51	9,871.86	1.68	-1.38	0.96
19,241.00	90.10	0.30	9,121.19	9,904.13	-1,117.84	9,966.31	0.57	0.53	-0.21
19,336.00	89.00	0.00	9,121.94	9,999.13	-1,117.59	10,060.80	1.20	-1.16	-0.32
19,430.00	89.90	359.60	9,122.84	10,093.12	-1,117.92	10,154.36	1.05	0.96	-0.43
19,525.00	90.60	359.00	9,122.42	10,188.11	-1,119.08	10,248.98	0.97	0.74	-0.63
19,619.00	89.80	359.30	9,122.10	10,282.10	-1,120.48	10,342.64	0.91	-0.85	0.32
19,714.00	90.60	359.20	9,121.77	10,377.09	-1,121.72	10,437.27	0.85	0.84	-0.11
19,809.00	89.80	359.30	9,121.43	10,472.08	-1,122.96	10,531.91	0.85	-0.84	0.11
19,904.00	90.90	359.70	9,120.85	10,567.07	-1,123.79	10,626.51	1.23	1.16	0.42
19,999.00	89.60	358.40	9,120.44	10,662.06	-1,125.37	10,721.17	1.94	-1.37	-1.37
20,093.00	90.20	357.90	9,120.60	10,756.01	-1,128.40	10,814.95	0.83	0.64	-0.53
20,188.00	89.20	358.80	9,121.10	10,850.96	-1,131.14	10,909.70	1.42	-1.05	0.95
20,283.00	90.30	358.80	9,121.51	10,945.94	-1,133.13	11,004.40	1.16	1.16	0.00
20,377.00	89.40	358.10	9,121.76	11,039.90	-1,135.67	11,098.14	1.21	-0.96	-0.74
20,472.00	90.60	357.90	9,121.76	11,134.84	-1,138.99	11,192.94	1.28	1.26	-0.21
20,567.00	91.00	356.90	9,120.43	11,229.74	-1,143.29	11,287.78	1.13	0.42	-1.05



Total Directional Services

Survey Report



Company:	Devon Energy	Local Co-ordinate Reference:	Well Yukon Gold 31-19 Fed Com 211H
Project:	Eddy County, NM (NAD83)	TVD Reference:	3130.8' GE + 25' KB @ 3155.80usft
Site:	Yukon Gold 31-19 Fed Com	MD Reference:	3130.8' GE + 25' KB @ 3155.80usft
Well:	Yukon Gold 31-19 Fed Com 211H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.15 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
20,661.00	92.00	356.50	9,117.97	11,323.55	-1,148.70	11,381.66	1.15	1.06	-0.43	
20,756.00	93.10	355.80	9,113.75	11,418.24	-1,155.08	11,476.51	1.37	1.16	-0.74	
20,812.00	93.10	355.80	9,110.72	11,474.00	-1,159.17	11,532.41	0.00	0.00	0.00	
20,851.00	94.00	355.30	9,108.30	11,512.81	-1,162.19	11,571.32	2.64	2.31	-1.28	
20,864.00	94.40	355.10	9,107.35	11,525.73	-1,163.28	11,584.29	3.44	3.08	-1.54	
20,920.00	94.40	355.10	9,103.06	11,581.36	-1,168.04	11,640.12	0.00	0.00	0.00	
BHL - PBHL (Yukon Gold 31-19 Fed Com 211H)										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
8,572.00	8,464.45	-413.53	-1,063.37	KOP	
11,369.54	9,139.30	2,035.60	-1,054.17	S31/30 Crossing	
16,677.36	9,126.66	7,341.06	-1,104.90	S30/19 Crossing	
20,920.00	9,103.06	11,581.36	-1,168.04	BHL	

Checked By: _____ Approved By: _____ Date: _____

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 August 1, 2011

WELL API NO.	30-015-47314
5. Indicate Type of Lease STATE ☐ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name YUKON GOLD 31 19 FEDERAL COM	
8. Well Number	211H
9. OGRID Number	6137
10. Pool name or Wildcat ; FORTY NINER RIDGE BONE SPRING, WEST	

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.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐ 2. Name of Operator Devon Energy Production Company, L.P. 3. Address of Operator 333 West Sheridan, Oklahoma City, OK 73102 4. Well Location Unit Letter <u>H</u> : <u>2042</u> feet from the <u>North</u> line and <u>1228</u> feet from the <u>East</u> line Section <u>31</u> Township <u>23S</u> Range <u>30E</u> NMPM County <u>EDDY</u> 11. Elevation (Show whether DR, RKB, RT, GR, etc.)	
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12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

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

2/27/2021-3/12/2021: MIRU WL & PT. RAN CBL, ETOC 7240. Please reference Variance to CMT to surface sundry approved by BLM, 02/02/2021. PT csg to 9500 PSI for 30min, OK. TIH w/pump through frac plug and guns. Perf BONESPRING, 9423-20900. Frac totals 20639393# prop, 360000 bbl fluid, 41 bbls acid. DO plugs & CO to PBTD with float collar 20910.2 MD/9103.3 TVD. CHC, FWB, ND BOP. Tubing set: 4/6/2021- 8604.4' 2-7/8, L-80, 259 jnts; TOP: 5/25/2021
 RUSTLER-190
 SALT-530
 BASE OF SALT-3150
 LAMAR-3390
 DELAWARE-3450
 CHERRY CANYON-4355
 Brushy Canyon-5945
 1st Bone Spring Lime-7235
 Bone Spring 1st-8220
 Bone Spring 2nd-9090
 3rd Bone Spring Lime-9403
 Bone Spring 3rd-10169
 Wolfcamp-10549
 Strawn-12400

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

SIGNATURE Jenny Harms TITLE Regulatory Specialist DATE 6/21/2021
 Type or print name Jenny Harms E-mail address: jenny.harms@dvn.com PHONE: 405-552-6560
For State Use Only

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

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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. 30-015-47314								
		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 YUKON GOLD 31 19 FEDERAL COM				
						6. Well Number: 211H				
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Devon Energy Production Company, L.P.						9. OGRID 6137				
10. Address of Operator 333 West Sheridan Avenue, Oklahoma City, OK 73102						11. Pool name or Wildcat ; FORTY NINER RIDGE BONE SPRING, WEST				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	H	31	23S	30E		2042	North	1228	East	EDDY
BH:	B	19	23S	30E		1068	North	2320	East	EDDY
13. Date Spudded 12/7/20	14. Date T.D. Reached 12/3/20	15. Date Rig Released 12/7/20		16. Date Completed (Ready to Produce) 5/25/21		17. Elevations (DF and RKB, RT, GR, etc.) 3130.8 GL				
18. Total Measured Depth of Well 20920 MD, 9103 TVD		19. Plug Back Measured Depth 20910 MD/9103 TVD		20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run				
22. Producing Interval(s), of this completion - Top, Bottom, Name 9423-20900, FORTY NINER RIDGE BONE SPRING, WEST										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE	WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
13.375	54.5		363		17.5		400			
9 5/8	40		7605		12.25		945		TOC @ 363	
5.5	20		16233		8.75					
5.5	20		20913		8.5		3050		TOC @ 7240	
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD				
						SIZE		DEPTH SET	PACKER SET	
						4/6/2021		8604.4' 2-7/8, L	80, 259 jnts	
26. Perforation record (interval, size, and number) 9423 - 20900, total 1384 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 9423-20900 Acidize and frac in 47 stages.				
28. PRODUCTION										
Date First Production 5/25/21		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in) Producing				
Date of Test 6/3/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 2196	Gas - MCF 3470	Water - Bbl. 4280	Gas - Oil Ratio 1579			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						30. Test Witnessed By				
31. List Attachments Directional Survey										
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 		Printed Name Jenny Harms		Title Regulatory Specialist		Date 6/21/2021				
E-mail Address jenny.harms@dvn.com										

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.

Southeastern New Mexico		Northwestern New Mexico	
RUSTLER - 190			
SALT - 530			
BASE OF SALT - 3150			
LAMAR - 3390			
DELAWARE - 3450			
CHERRY CANYON - 4355			
Brushy Canyon - 5945			
1st Bone Spring Lime - 7235			
Bone Spring 1st - 8220			
Bone Spring 2nd - 9090			
3rd Bone Spring Lime - 9403			
Bone Spring 3rd - 10169			
Wolfcamp - 10549			
Strawn - 12400			

No. 1, from..... to..... No. 3, from..... to.....
 No. 2, from..... N/A to..... N/A No. 4, from..... N/A to..... N/A
 N/A N/A N/A N/A

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.....

From	To	Thickness In Feet	Lithology

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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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

Action 32899

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 32899
	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 32899

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 32899
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	8/16/2021