

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

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

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address SPUR ENERGY PARTNERS LLC 9655 KATY FREEWAY, SUITE 500 HOUSTON, TX 77024		² OGRID Number 328947
		³ Reason for Filing Code/ Effective Date NW 8/12/2021
⁴ API Number 30 - 0 15-47741	⁵ Pool Name ARTESIA; GLORIETA-YESO (O)	⁶ Pool Code 96830
⁷ Property Code 330996	⁸ Property Name WELCH A 28 STATE COM	⁹ Well Number 20H

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
D	27	17S	28E		655	NORTH	930	WEST	EDDY

¹¹ Bottom Hole Location FTP: 1070' FNL 102' FEL LTP: 1090' FNL 141' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	28	17S	28E		1085	NORTH	51	WEST	EDDY
¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date 04/13/2021	¹⁵ C-129 Permit Number 1	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

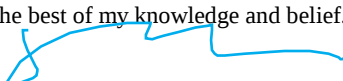
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
33479	HOLLYFRONTIER REFINING & MARKETING LLC 2828 N. HARWOOD, SUITE 1300, DALLAS, TX 75201	O
36785	DCP OPERATING COMPANY LP 370 17TH STREET, SUITE 2500, DENVER, CO 80202	G

IV. Well Completion Data

²¹ Spud Date 01/30/2021	²² Ready Date 04/13/2021	²³ TD 3735'V/9337'M	²⁴ PBTD 3735'V/9337'M	²⁵ Perforations 4289'-9246'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12-1/4"	9-5/8" 36# J-55 BTC	1272'	460 SXS (CIRC TO SURFACE)		
8-3/4"	7" 32# L-80 BK-HT	4120'	1405 SXS (CIRC TO SURFACE)		
8-3/4"	5-1/2" 20# L-80 BK-HT	9337'	1405 SXS (CIRC TO SURFACE)		
	3-1/2" J-55 TBG	4050'			

V. Well Test Data

³¹ Date New Oil 04/11/2021	³² Gas Delivery Date 04/13/2021	³³ Test Date 05/01/2021	³⁴ Test Length 24-HOURS	³⁵ Tbg. Pressure 178	³⁶ Csg. Pressure 107
³⁷ Choke Size N/A	³⁸ Oil 625	³⁹ Water 2121	⁴⁰ Gas 929		⁴¹ Test Method ESP

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: SARAH CHAPMAN	Approved by: KURT SIMMONS
Title: REGULATORY DIRECTOR	Title: NMOCD, SANTA FE
E-mail Address: SCHAPMAN@SPUREPLLC.COM	Approval Date: 09/22/2021
Date: 08/12/2021	Phone: 832-930-8613

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-47741		² Pool Code 96830	³ Pool Name ARTESIA, GLORIETA-YESO (O)
⁴ Property Code 329863	⁵ Property Name WELCH A 28 STATE		⁶ Well Number 20H
⁷ GRID NO. 328947	⁸ Operator Name SPUR ENERGY PARTNERS LLC.		⁹ Elevation 3654'

¹⁰ Surface Location

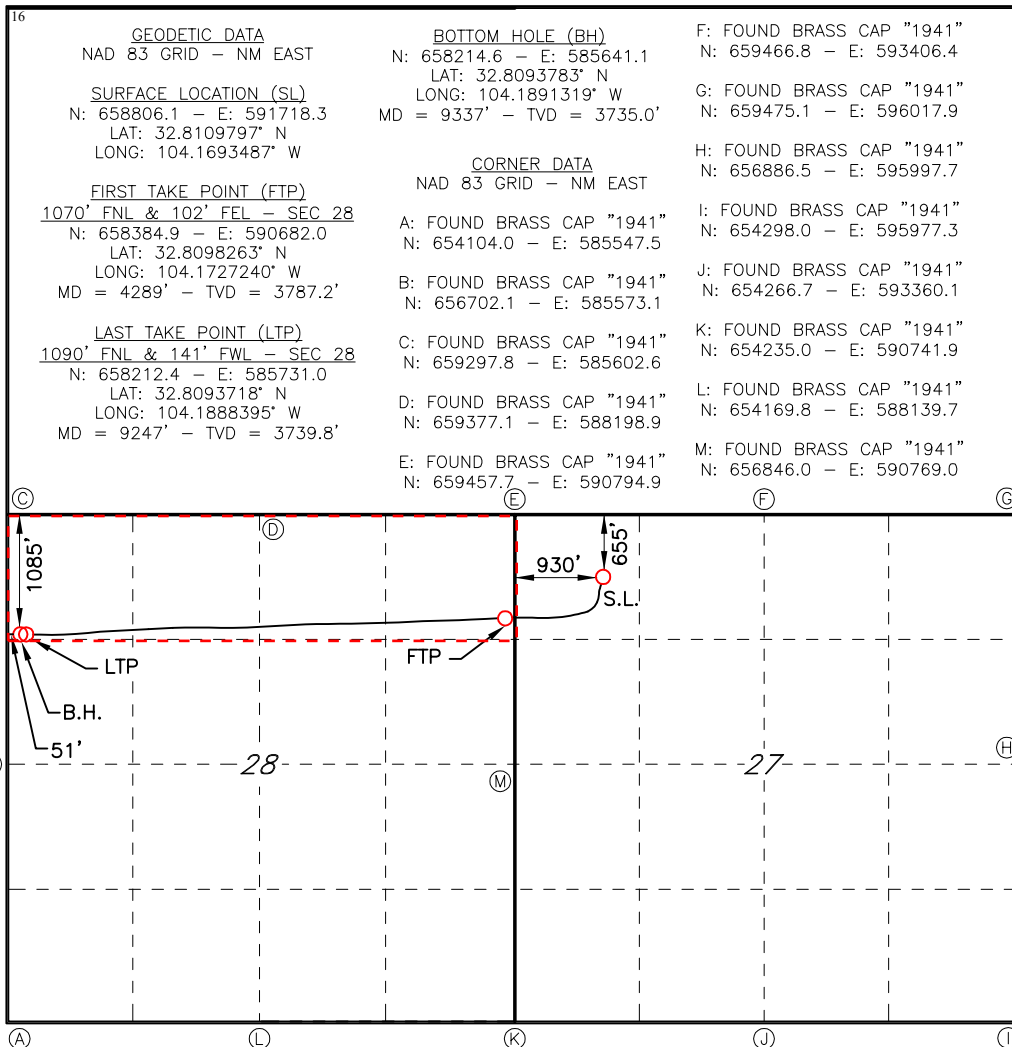
UL or lot no. D	Section 27	Township 17S	Range 28E	Lot Idn	Feet from the 655	North/South line NORTH	Feet From the 930	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. D	Section 28	Township 17S	Range 28E	Lot Idn	Feet from the 1085	North/South line NORTH	Feet from the 51	East/West line WEST	County EDDY
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¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

¹⁷ OPERATOR CERTIFICATION

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

Sarah Chapman 4/13/2021
Signature Date

SARAH CHAPMAN

Printed Name

SCHAPMAN@SPUREPLLC.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 and correct to the best of my belief.

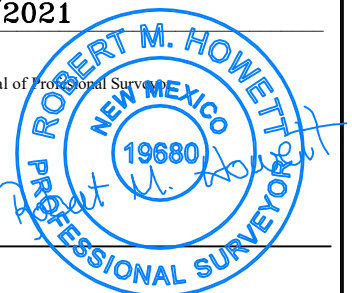
02/07/2021

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number



LS20100586AD



I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **01/31/21** thru **02/06/21** conduct or supervise the taking of a **MWD Survey** from a depth of **164'** to a depth of **9337'**; that the data is true, correct, complete and within the limitations of the tool as set forth by **Wellbenders Directional Services**; that I am authorized and qualified to make this report; that this survey was conducted at the request of **Spur Energy Partners** for the **Welch A 28 State 20H** API No. **30-015-467741** **Eddy County, New Mexico**; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by **Wellbenders Directional Services**.

Larry Wright

*1125 Beach Airport Rd, Conroe, Texas
77301*



Spur Energy Partners, LLC

Eddy County, NM (NAD 83 - NME)

Welch A 28 State

A #20H

Wellbore #1

Survey: Survey #1

Standard Survey Report

07 February, 2021





Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well A #20H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3674.00usft
Site:	Welch A 28 State	MD Reference:	RKB = 20' @ 3674.00usft
Well:	A #20H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Project	Eddy 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	Welch A 28 State		
Site Position:		Northing:	657,715.70 usft
From:	Map	Easting:	591,569.60 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	32.8079833
		Longitude:	-104.1698382
		Grid Convergence:	0.089 °

Well	A #20H		
Well Position	+N/-S	0.00 usft	Northing: 658,806.10 usft
	+E/-W	0.00 usft	Easting: 591,718.30 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32.8109798
		Longitude:	-104.1693487
		Ground Level:	3,654.00 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2020	11/21/2020	6.935
			Dip Angle (°) 60.362
			Field Strength (nT) 47,835.35210198

Design	Wellbore #1		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°) 268.24

Survey Program	Date 2/7/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
164.00	9,337.00	Survey #1 (Wellbore #1)	MWD+IGRF
			Description OWSG MWD + IGRF or WMM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Welch A-28 St #20H: SHL 655' NFL & 930' FWL									
164.00	0.62	330.64	164.00	0.77	-0.44	0.41	0.38	0.38	0.00
285.00	1.45	250.22	284.98	0.83	-2.20	2.17	1.22	0.69	-66.46
406.00	3.82	215.23	405.85	-2.99	-5.96	6.05	2.28	1.96	-28.92
525.00	6.24	211.81	524.38	-11.72	-11.66	12.01	2.05	2.03	-2.87
645.00	7.12	199.77	643.57	-24.26	-17.61	18.35	1.37	0.73	-10.03
765.00	6.59	195.11	762.72	-37.91	-21.92	23.08	0.64	-0.44	-3.88
886.00	8.62	193.00	882.65	-53.45	-25.77	27.40	1.69	1.68	-1.74
1,008.00	8.09	194.49	1,003.35	-70.67	-29.98	32.13	0.47	-0.43	1.22
1,131.00	8.09	198.89	1,125.13	-87.24	-34.95	37.61	0.50	0.00	3.58



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well A #20H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3674.00usft
Site:	Welch A 28 State	MD Reference:	RKB = 20' @ 3674.00usft
Well:	A #20H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,216.00	7.34	194.84	1,209.36	-98.14	-38.27	41.27	1.09	-0.88	-4.76
1,338.00	7.28	199.39	1,330.37	-112.97	-42.84	46.28	0.48	-0.05	3.73
1,464.00	8.74	192.21	1,455.14	-129.86	-47.51	51.48	1.40	1.16	-5.70
1,590.00	10.26	185.07	1,579.41	-150.39	-50.53	55.12	1.52	1.21	-5.67
1,716.00	9.96	185.72	1,703.45	-172.41	-52.60	57.88	0.25	-0.24	0.52
1,840.00	10.42	188.57	1,825.50	-194.17	-55.34	61.28	0.55	0.37	2.30
1,966.00	10.70	193.52	1,949.37	-216.81	-59.78	66.41	0.75	0.22	3.93
2,092.00	8.44	198.46	2,073.61	-236.96	-65.44	72.69	1.91	-1.79	3.92
2,218.00	8.01	201.09	2,198.31	-253.92	-71.53	79.29	0.45	-0.34	2.09
2,344.00	8.14	192.64	2,323.07	-270.82	-76.64	84.92	0.95	0.10	-6.71
2,470.00	9.47	183.56	2,447.59	-289.87	-79.23	88.10	1.52	1.06	-7.21
2,596.00	5.74	196.01	2,572.46	-306.28	-81.62	90.99	3.22	-2.96	9.88
2,721.00	5.01	207.61	2,696.92	-317.12	-85.87	95.57	1.04	-0.58	9.28
2,847.00	6.07	216.38	2,822.33	-327.36	-92.37	102.38	1.07	0.84	6.96
2,861.87	6.68	223.75	2,837.11	-328.62	-93.44	103.49	6.87	4.13	49.57
Welch A-28 St #20H: KOP 2861.44' MD									
2,910.00	9.18	239.72	2,884.78	-332.58	-98.69	108.86	6.87	5.19	33.18
2,973.00	13.17	251.90	2,946.58	-337.35	-109.86	120.17	7.33	6.33	19.33
3,036.00	17.89	254.79	3,007.26	-342.12	-126.03	136.48	7.59	7.49	4.59
3,099.00	22.80	254.50	3,066.32	-347.92	-147.14	157.76	7.80	7.79	-0.46
3,162.00	27.18	253.62	3,123.40	-355.24	-172.72	183.55	6.98	6.95	-1.40
3,225.00	30.81	254.97	3,178.50	-363.49	-202.12	213.19	5.85	5.76	2.14
3,288.00	33.43	256.11	3,231.85	-371.84	-234.55	245.86	4.27	4.16	1.81
3,350.00	36.46	256.50	3,282.67	-380.24	-269.05	280.60	4.90	4.89	0.63
3,413.00	39.78	257.94	3,332.22	-388.83	-306.98	318.77	5.46	5.27	2.29
3,476.00	42.93	259.21	3,379.51	-397.06	-347.77	359.80	5.17	5.00	2.02
3,538.00	45.46	261.53	3,423.96	-404.27	-390.38	402.61	4.84	4.08	3.74
3,601.00	47.95	263.61	3,467.16	-410.18	-435.84	448.23	4.63	3.95	3.30
3,664.00	49.89	264.54	3,508.56	-415.07	-483.07	495.59	3.27	3.08	1.48
3,727.00	52.48	266.52	3,548.05	-418.88	-532.00	544.62	4.78	4.11	3.14
3,790.00	55.92	269.41	3,584.90	-420.67	-583.05	595.70	6.61	5.46	4.59
3,853.00	59.43	270.72	3,618.58	-420.60	-636.28	648.90	5.84	5.57	2.08
3,916.00	61.77	270.84	3,649.51	-419.85	-691.16	703.73	3.72	3.71	0.19
3,979.00	63.97	271.10	3,678.23	-418.90	-747.21	759.73	3.51	3.49	0.41
4,042.00	65.73	271.12	3,705.01	-417.79	-804.23	816.68	2.79	2.79	0.03
4,105.00	67.72	270.91	3,729.90	-416.77	-862.09	874.48	3.17	3.16	-0.33
4,169.00	69.00	268.16	3,753.50	-417.26	-921.57	933.95	4.47	2.00	-4.30
4,232.00	73.58	267.61	3,773.71	-419.46	-981.18	993.60	7.32	7.27	-0.87
4,286.59	78.30	268.55	3,786.97	-421.23	-1,034.09	1,046.54	8.81	8.65	1.72
A #20H FINAL FTP/ 100' FEL @ 4286.59' MD									
4,289.29	78.54	268.59	3,787.51	-421.30	-1,036.74	1,049.19	8.81	8.65	1.68
Welch A-28 St #20H: FTP 100' FEL									
4,295.00	79.03	268.69	3,788.62	-421.43	-1,042.34	1,054.79	8.81	8.65	1.68



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well A #20H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3674.00usft
Site:	Welch A 28 State	MD Reference:	RKB = 20' @ 3674.00usft
Well:	A #20H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,358.00	84.31	267.82	3,797.74	-423.33	-1,104.62	1,117.10	8.49	8.38	-1.38
4,421.00	89.26	266.65	3,801.28	-426.37	-1,167.43	1,179.97	8.07	7.86	-1.86
4,484.00	91.39	266.40	3,800.92	-430.19	-1,230.31	1,242.94	3.40	3.38	-0.40
4,637.00	92.79	267.21	3,795.34	-438.71	-1,382.96	1,395.78	1.06	0.92	0.53
4,763.00	89.93	268.19	3,792.35	-443.76	-1,508.81	1,521.73	2.40	-2.27	0.78
4,889.00	90.13	268.13	3,792.28	-447.81	-1,634.74	1,647.73	0.17	0.16	-0.05
5,015.00	88.86	268.57	3,793.39	-451.44	-1,760.68	1,773.72	1.07	-1.01	0.35
5,141.00	89.99	267.49	3,794.66	-455.77	-1,886.60	1,899.71	1.24	0.90	-0.86
5,267.00	91.00	267.32	3,793.57	-461.47	-2,012.46	2,025.69	0.81	0.80	-0.13
5,393.00	89.99	268.11	3,792.48	-466.49	-2,138.36	2,151.67	1.02	-0.80	0.63
5,519.00	90.74	268.12	3,791.68	-470.64	-2,264.28	2,277.67	0.60	0.60	0.01
5,645.00	91.81	268.40	3,788.87	-474.46	-2,390.19	2,403.64	0.88	0.85	0.22
5,768.00	90.01	268.97	3,786.92	-477.29	-2,513.14	2,526.61	1.54	-1.46	0.46
5,888.00	89.68	269.17	3,787.24	-479.23	-2,633.12	2,646.60	0.32	-0.27	0.17
6,008.00	90.77	269.35	3,786.77	-480.78	-2,753.11	2,766.58	0.92	0.91	0.15
6,131.00	91.61	268.58	3,784.22	-483.00	-2,876.06	2,889.54	0.93	0.68	-0.63
6,250.00	90.35	268.76	3,782.18	-485.77	-2,995.01	3,008.52	1.07	-1.06	0.15
6,368.00	90.94	268.30	3,780.86	-488.79	-3,112.96	3,126.51	0.63	0.50	-0.39
6,489.00	89.17	266.66	3,780.74	-494.11	-3,233.84	3,247.49	1.99	-1.46	-1.36
6,611.00	90.27	266.55	3,781.34	-501.34	-3,355.62	3,369.43	0.91	0.90	-0.09
6,733.00	91.61	266.78	3,779.33	-508.43	-3,477.39	3,491.37	1.11	1.10	0.19
6,855.00	93.30	266.53	3,774.11	-515.54	-3,599.07	3,613.21	1.40	1.39	-0.20
6,976.00	92.71	268.00	3,767.76	-521.31	-3,719.76	3,734.02	1.31	-0.49	1.21
7,122.00	93.88	268.74	3,759.37	-525.46	-3,865.46	3,879.77	0.95	0.80	0.51
7,248.00	89.65	271.28	3,755.49	-525.43	-3,991.36	4,005.61	3.92	-3.36	2.02
7,373.00	91.30	272.16	3,754.46	-521.68	-4,116.29	4,130.37	1.50	1.32	0.70
7,499.00	87.86	269.55	3,755.38	-519.80	-4,242.25	4,256.21	3.43	-2.73	-2.07
7,624.00	89.17	269.82	3,758.62	-520.49	-4,367.20	4,381.12	1.07	1.05	0.22
7,751.00	88.95	266.35	3,760.70	-524.73	-4,494.09	4,508.09	2.74	-0.17	-2.73
7,877.00	90.88	266.84	3,760.89	-532.21	-4,619.86	4,634.03	1.58	1.53	0.39
8,003.00	90.32	266.91	3,759.57	-539.08	-4,745.67	4,759.99	0.45	-0.44	0.06
8,131.00	90.71	268.07	3,758.42	-544.69	-4,873.54	4,887.97	0.96	0.30	0.91
8,257.00	91.30	267.50	3,756.21	-549.55	-4,999.42	5,013.94	0.65	0.47	-0.45
8,383.00	90.57	266.38	3,754.15	-556.28	-5,125.22	5,139.89	1.06	-0.58	-0.89
8,509.00	90.88	264.95	3,752.56	-565.80	-5,250.85	5,265.75	1.16	0.25	-1.13
8,635.00	91.47	263.90	3,749.98	-578.04	-5,376.23	5,391.44	0.96	0.47	-0.83
8,761.00	91.22	266.44	3,747.02	-588.65	-5,501.73	5,517.22	2.03	-0.20	2.02
8,887.00	90.07	267.09	3,745.60	-595.76	-5,627.52	5,643.16	1.05	-0.91	0.52
9,014.00	90.16	271.27	3,745.34	-597.57	-5,754.48	5,770.12	3.29	0.07	3.29
9,138.00	91.02	270.50	3,744.07	-595.66	-5,878.46	5,893.98	0.93	0.69	-0.62
9,269.00	93.41	271.55	3,739.00	-593.32	-6,009.33	6,024.71	1.99	1.82	0.80
A #20H FINAL LTP/ 100' FWL @ 9287.73' MD - Welch A-28 St #20H: LTP 100' FWL									
9,337.00	93.41	271.55	3,734.96	-591.48	-6,077.18	6,092.48	0.00	0.00	0.00
Final Station Closure Distance= 6105.90 /Direction= 264.44 - TD: Y= 658214.62 / X= 585641.12 - Projection to Bit: 9337.0									



Survey Report



Company:	Spur Energy Partners, LLC	Local Co-ordinate Reference:	Well A #20H
Project:	Eddy County, NM (NAD 83 - NME)	TVD Reference:	RKB = 20' @ 3674.00usft
Site:	Welch A 28 State	MD Reference:	RKB = 20' @ 3674.00usft
Well:	A #20H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	WBDS_SQL_2

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
A #20H FINAL Bit Pro - hit/miss target - Shape - Point	0.00	0.00	3,734.96	-591.48	-6,077.18	658,214.62	585,641.12	32.8093783	-104.1891319
A #20H FINAL LTP/ 11 - survey misses target center by 18.73usft at 9269.00usft MD (3739.00 TVD, -593.32 N, -6009.33 E) - Point	0.00	0.00	3,737.89	-592.81	-6,028.02	658,213.29	585,690.28	32.8093745	-104.1889719
A #20H FINAL FTP/ 1 - survey hits target center - Point	0.00	0.00	3,786.97	-421.23	-1,034.09	658,384.87	590,684.21	32.8098263	-104.1727166

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
9,337.00	3,734.96	-591.48	-6,077.18	Final Station Closure Distance= 6105.90 /Direction= 264.44	
9,337.00	3,734.96	-591.48	-6,077.18	TD: Y= 658214.62 / X= 585641.12	
9,337.00	3,734.96	-591.48	-6,077.18	Projection to Bit: 9337.00' MD/ 3734.96' TVD	
9,337.00	3,734.96	-591.48	-6,077.18	TD: Latitude= 32.8093783 / Longitude= -104.1891319	

Checked By: _____ Approved By: _____ Date: _____



Company: Spur Energy Partners, LLC
Project: Eddy County, NM (NAD 83 - NME)
Site: Welch A 28 State
Well: A #20H
Wellbore: Wellbore #1
Rig:
Design: PERMIT / 9:05, February 07 2021

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Welch A-28 St #20H: SHL 655' NFL & 930' FWL	0.00	0.00	0.00	658806.10	591718.30	32.8109797	-104.1693487
PLAN Welch A-28 St #20H: KOP 2861.44' MD	2837.28	-328.93	-91.54	658477.17	591626.76	32.8100760	-104.1696483
A #20H FINAL Bit Proj @ 9337' MD (51' FWL)	3734.96	-591.48	-6077.18	658214.62	585641.12	32.8093783	-104.1891319
A #20H FINAL LTP/ 100' FWL @ 9287.73' MD	3737.89	-592.81	-6028.02	658213.29	585690.28	32.8093745	-104.1889719
PLAN Welch A-28 St #20H: PBHL 1080' NFL & 50' FWL	3750.00	-586.50	-6078.00	658219.60	585640.30	32.8093920	-104.1891345
PLAN Welch A-28 St #20H: LTP 100' FWL	3750.50	-584.90	-6028.00	658221.20	585690.30	32.8093962	-104.1889718
A #20H FINAL FTP/ 100' FEL @ 4286.59' MD	3786.97	-421.23	-1034.09	658384.87	590684.21	32.8098263	-104.1727166
PLAN Welch A-28 St #20H: FTP 100' FEL	3800.00	-431.10	-1034.00	658375.00	590684.30	32.8097992	-104.1727164

WELL DETAILS: A #20H

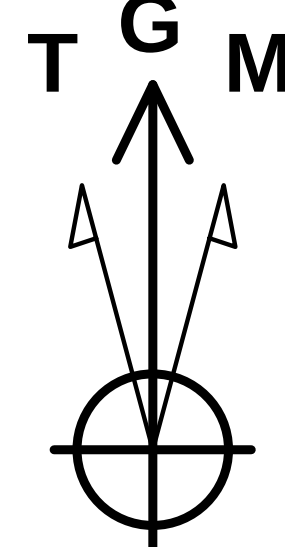
RKB = 20' @ 3674.00usft							
3654.00							
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude		
0.00	0.00	658806.10	591718.30	32.8109797	-104.1693487		

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00
3	717.12	8.34	195.55	715.65	-29.20	-8.13	2.00	9.02
4	2861.44	8.34	195.55	2837.28	-328.93	-91.54	0.00	101.60
5	3825.64	60.00	268.24	3623.27	-416.77	-568.86	6.00	581.39
6	4025.64	60.00	268.24	3723.27	-422.10	-741.98	0.00	754.60
7	4331.32	90.57	268.24	3800.00	-431.10	-1034.00	10.00	1046.75
8	9327.93	90.57	268.24	3750.50	-584.96	-6028.00	0.00	6043.12
9	9377.96	90.57	268.24	3750.00	-586.50	-6078.00	0.00	6093.15

PROJECT DETAILS: Eddy 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

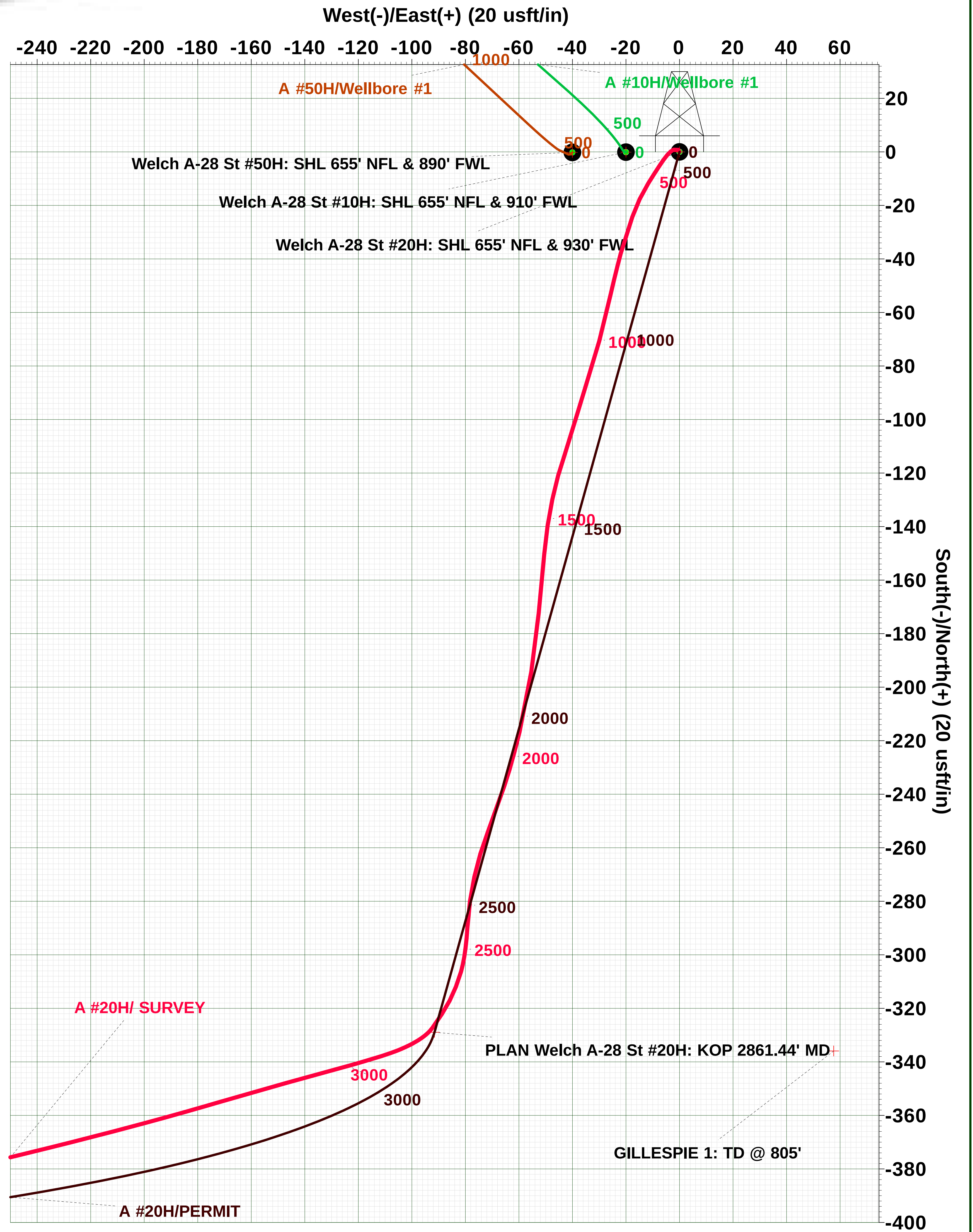
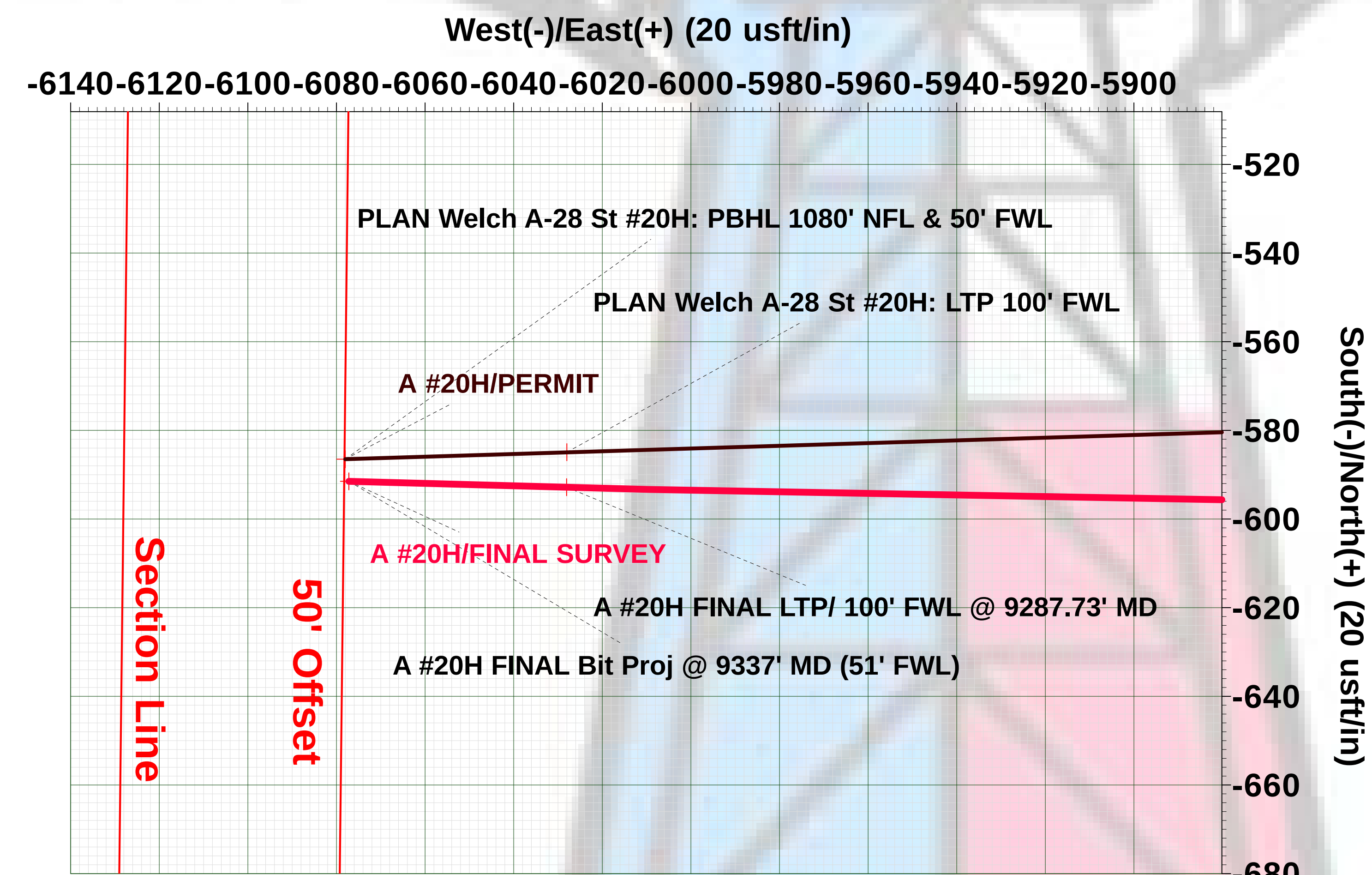
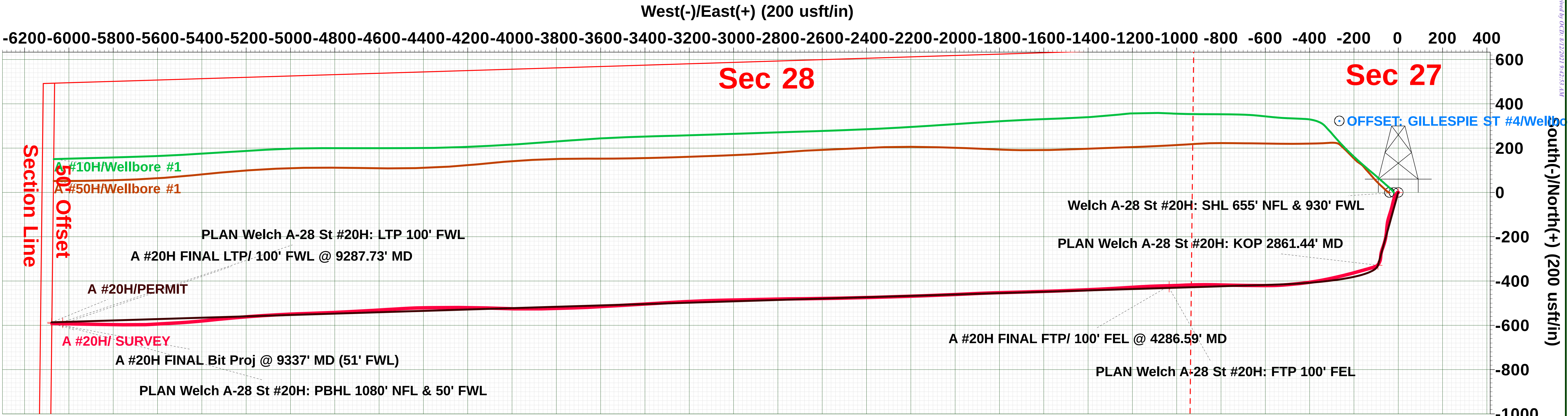


Azimuths to Grid North
True North: -0.09°
Magnetic North: 6.85°

Magnetic Field
Strength: 47835.4snT
Dip Angle: 60.36°
Date: 11/21/2020
Model: IGRF2020

CORRECTION REFERENCE DATA:

To convert a Magnetic Direction to a Grid Direction, Add 6.846°
To convert a True Direction to a Grid Direction, Subtract 0.089°
To convert a Magnetic Direction to a True Direction, Add 6.935° East
Magnetic Declination: 6.935°
Grid Convergence: 0.089° West
Magnetic Dip Angle: 60.362°
Magnetic Field Strength: 47835.35210199nT



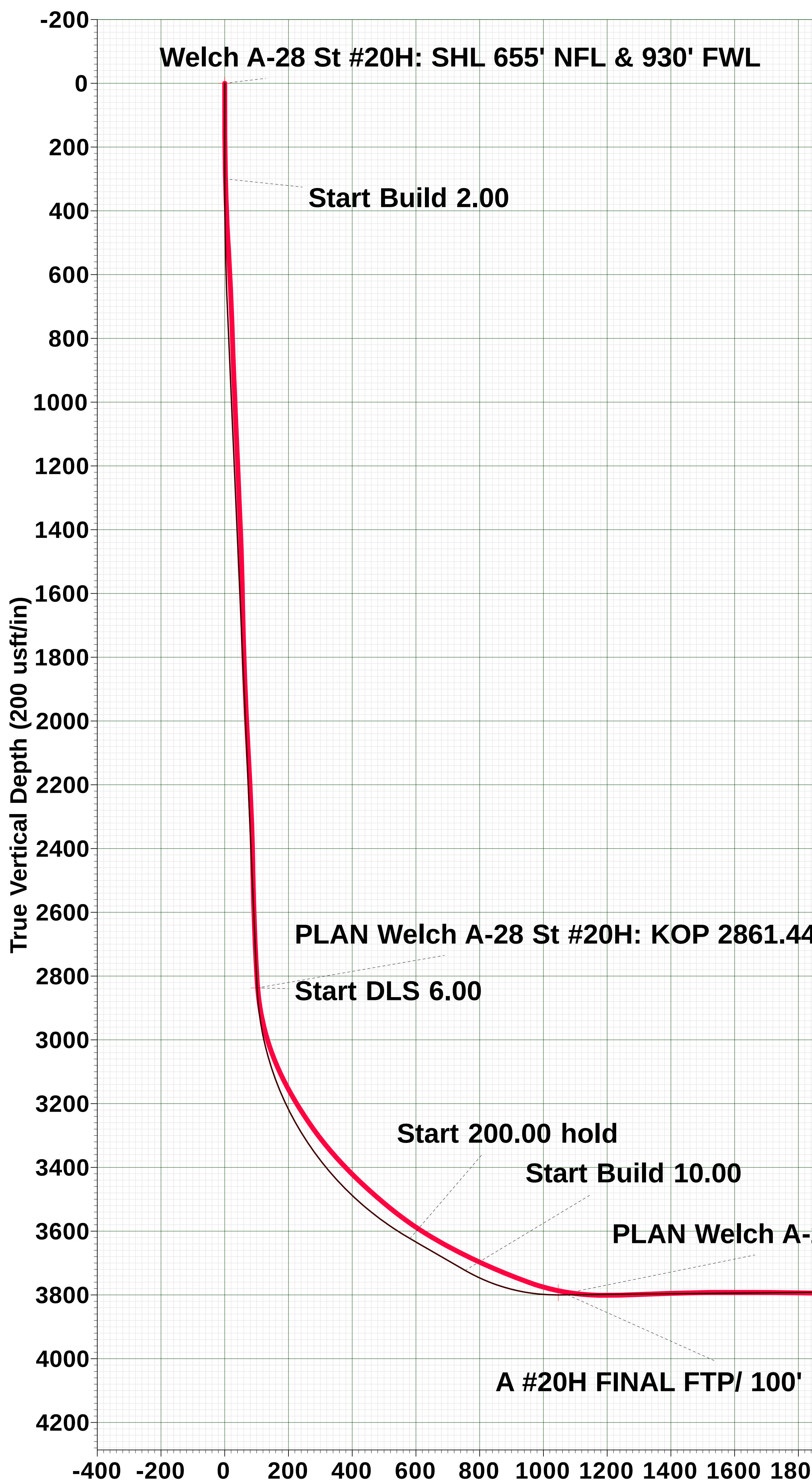
Disclaimer:
All Plan Details, boundary
lines and offset well
location/ survey data is
provided by customer and
subject to customer
approval.



TD: Latitude= 32.8093783 / Longitude= -104.1891319
Final Station Closure Distance= 6105.90 /Direction= 264.44
TD: Y= 658214.62 / X= 585641.12
Projection to Bit: 9337.00' MD/ 3734.96' TVD

A #20H FINAL LTP/ 100' FWL @ 9287.73' MD

PLAN Welch A-28 St #20H: LTP 100' FWL
PLAN Welch A-28 St #20H: PBHL 1080' NFL & 50' FWL



Vertical Section at 268.24° (200 usft/in)

Plan: PERMIT (A #20H/Wellbore #1)

Created By: Matthew May Date: 9:05, February 07 2021

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 <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 April 3, 2017					
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 WELCH A 28 STATE COM		
								6. Well Number: 20H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator SPUR ENERGY PARTNERS LLC							9. OGRID 328947			
10. Address of Operator 9655 KATY FREEWAY, SUITE 500, HOUSTON, TX 77024							11. Pool name or Wildcat ARTESIA; GLORIETA-YESO (O)			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	27	17S	28E		655	NORTH	930	WEST	EDDY
BH:	D	28	17S	28E		1085	NORTH	51	WEST	EDDY
13. Date Spudded 01/30/2021	14. Date T.D. Reached 02/04/2021		15. Date Rig Released 02/08/2021		16. Date Completed (Ready to Produce) 04/13/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3654' GR		
18. Total Measured Depth of Well 3735'V/9337'M			19. Plug Back Measured Depth 3735'V/9337'M		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run MUDLOG		
22. Producing Interval(s), of this completion - Top, Bottom, Name 4289'-9246' YESO										
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 BTC		1272'		12-1/4"		460 SXS (CIRC TO SURE)		0
7"		32# L-80 BK-HT		4120'		8-3/4"		1405 SXS (CIRC TO SURF)		0
7"		20# L-80 BK-HT		9337'		8-3/4"		1405 SXS (CIRC TO SUR		0
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
						3-1/2"	4050'			
26. Perforation record (interval, size, and number) 25 STAGES @ 900 SHOTS/FOOT @ 0.42 HOLE SIZE						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						4289'-9246'		12795300 GAL SLICKWATER & 5008542# SAND		
28. PRODUCTION										
Date First Production 04/11/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING ON ESP					Well Status (Prod. or Shut-in) PRODUCING			
Date of Test 05/01/2021	Hours Tested 24-HOURS	Choke Size N/A	Prod'n For Test Period	Oil - Bbl 625	Gas - MCF 929	Water - Bbl. 2121	Gas - Oil Ratio			
Flow Tubing Press. 178	Casing Pressure 107	Calculated 24-Hour Rate	Oil - Bbl. 624	Gas - MCF 929	Water - Bbl. 2121	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD								30. Test Witnessed By JERRY MATHEWS		
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____				Longitude _____				NAD83		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Sarah Chapman</i>		Printed Name SARAH CHAPMAN				Title REGULATORY DIRECTOR			Date 08/18/2021	
E-mail Address SCHAPMAN@SPUREPLLC.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	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	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 1975'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3425'	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	T. YESO 3535'
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	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.

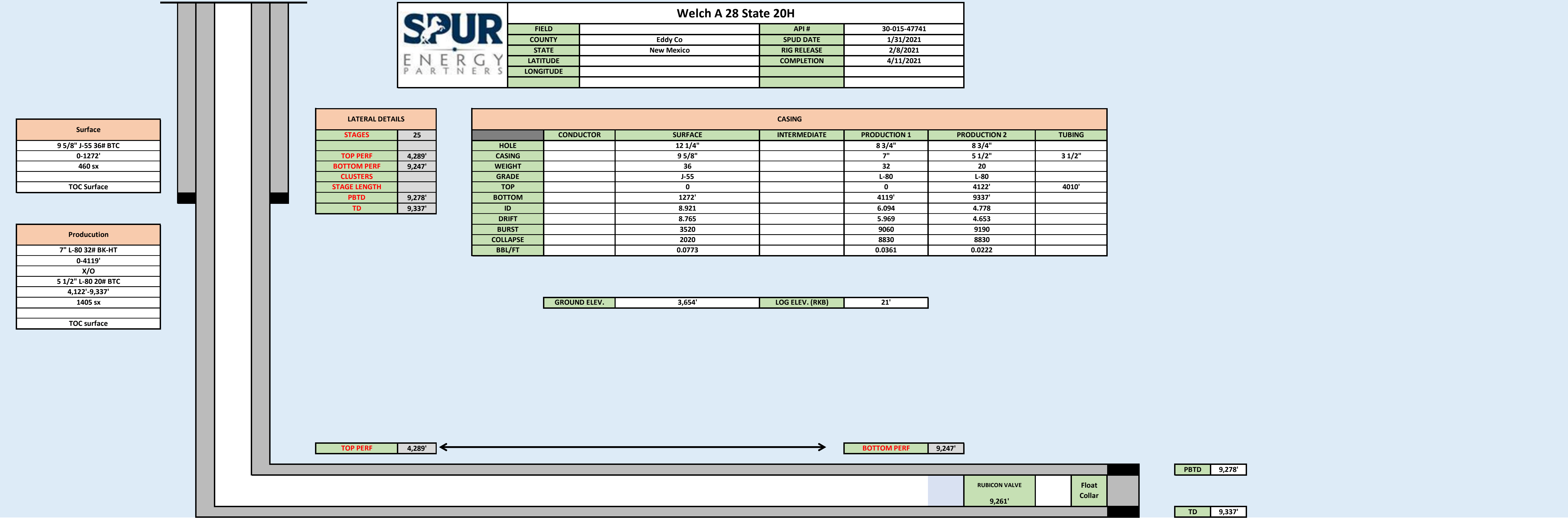
No. 1, from.....to.....feet.....

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
1975' 3426'	3425' 3535'		DOLOMITE DOLOMITE				



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

Action 41600

ACKNOWLEDGMENTS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 41600
	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.

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

CONDITIONS

Action 41600

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 41600
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	9/22/2021