Weatherford®
Evaluation, Drilling & Intervention
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

RAILROAD COMMISSION OF TEXAS
Oil & Gas Division
P.O. Drawer 12967
Capitol Station
Austin, TX 78711-2967

Date: August 11, 2017

Attention: Pam Johns

Re: Forge Energy
Well: UL 24 Voyager 2H
RRC Lease/Gas ID No. N/A-
UL., Survey A-U201
Pecos County Texas

API# 42-371-39532

Enclosed, please find the survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows

Name & Title Of Surveyor	Well Number	Surveyed Depths	Dates Performed	Type of Survey
James Himes MWD Supervisor	2H	144 MD 12710 MD	7/24/2017 8/9/2017	Measurement While Drilling

A certified plat on which the bottom-hole location is oriented both to the surface location and to the lease lines (or unit line in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Sincerely,
jon.leger@weatherford.com
Digitally signed by jon.leger@weatherford.com
DN: cn=jon.leger@weatherford.com
Date: 2017.08.14 13:43:19 -05'00'
Jonathan Leger
MWD Ops. Coordinator

Cc: Forge Energy
Attn: Michael Johnson
1031 Andrews Hwy, Suite 300
Midland, TX 79701

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

PERMIT NUMBER	DATE PERMIT ISSUED OR AMENDED	DISTRICT
825576	Apr 26, 2017	* 08
API NUMBER	FORM W-1 RECEIVED	COUNTY
42-371-39532	Apr 18, 2017	PECOS
TYPE OF OPERATION	WELLBORE PROFILE(S)	ACRES
NEW DRILL	Horizontal	640

OPERATOR 276868

FORGE ENERGY, LLC

10999 IH 10 WEST SUITE 900
SAN ANTONIO, TX 78230-0000

NOTICE
This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored.
District Office Telephone No:
(432) 684-5581

LEASE NAME	WELL NUMBER
UL 24 VOYAGER	2H
LOCATION	TOTAL DEPTH
14.6 miles N direction from FT. STOCKTON	7500

Section, Block and/or Survey

SECTION 2 BLOCK 24 ABSTRACT U201

SURVEY UL

DISTANCE TO SURVEY LINES	DISTANCE TO NEAREST LEASE LINE
200 ft. NORTH 2050 ft. EAST	200 ft.
DISTANCE TO LEASE LINES	DISTANCE TO NEAREST WELL ON LEASE
200 ft. NORTH 2050 ft. EAST	See FIELD(s) Below

FIELD(s) and LIMITATIONS:

* SEE FIELD DISTRICT FOR REPORTING PURPOSES *

FIELD NAME / LEASE NAME	ACRES / NEAREST LEASE	DEPTH	WELL # / NEAREST WE	DIST
WOLFBONE (TREND AREA)	640.00	7,500	2H	08
UL 24 VOYAGER	200		0	

WELLBORE PROFILE(s) FOR FIELD: Horizontal

RESTRICTIONS: This is a hydrogen sulfide field. Hydrogen Sulfide Fields with perforations must be isolated and tested per State Wide Rule 36 and a Form H-9 filed with the district office. Fields with SWR 10 authority to downhole commingle must be isolated and tested individually prior to commingling production.

Lateral: TH1
Penetration Point Location
Lease Lines: 200.0 F NORTH L
2050.0 F EAST L
Terminus Location
BH County: PECOS
Section: 2 Block: 24 Abstract:
Survey: UL
Lease Lines: 200.0 F SOUTH L
350.0 F WEST L
Survey Lines: 200.0 F SOUTH L
350.0 F WEST L

THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

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NEW DRILL	Horizontal	640

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10999 IH 10 WEST SUITE 900
SAN ANTONIO, TX 78230-0000

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District Office Telephone No:
(432) 684-5581

LEASE NAME	WELL NUMBER
UL 24 VOYAGER	2H
LOCATION	TOTAL DEPTH
14.6 miles N direction from FT. STOCKTON	7500

Section, Block and/or Survey

SECTION 2 BLOCK 24 ABSTRACT U201

SURVEY UL

DISTANCE TO SURVEY LINES	DISTANCE TO NEAREST LEASE LINE
200 ft. NORTH 2050 ft. EAST	200 ft.
DISTANCE TO LEASE LINES	DISTANCE TO NEAREST WELL ON LEASE
200 ft. NORTH 2050 ft. EAST	See FIELD(s) Below

FIELD(s) and LIMITATIONS:

* SEE FIELD DISTRICT FOR REPORTING PURPOSES *

FIELD NAME / LEASE NAME	ACRES / NEAREST LEASE	DEPTH	WELL # / NEAREST WE	DIST

This well shall be completed and produced in compliance with applicable special field or statewide spacing and density rules. If this well is to be used for brine mining, underground storage of liquid hydrocarbons in salt formations, or underground storage of gas in salt formations, a permit for that specific purpose must be obtained from Environmental Services prior to construction, including drilling, of the well in accordance with Statewide Rules 81, 95, and 97.

This well must comply to the new SWR 3.13 requirements concerning the isolation of any potential flow zones and zones with corrosive formation fluids. See approved permit for those formations that have been identified for the county in which you are drilling the well in.

The designated interval for one or more of the fields approved in this permit appears to overlap with the designated interval of another field or fields in this district. In the case of conflicting designated intervals you will be required to be consistent in field designation on this lease. Further, if the designated interval overlap of wells on this lease results in an actual or potential double assignment of reservoir and the applicant cannot conclusively demonstrate that there is no double assignment, the permitted well may not be assigned an allowable until the conflict is resolved. Because of the overlapping designated intervals in this area, issuance of this permit does not guarantee that the completion of the well will be approved or that the well will receive an allowable in any given field, even if that field is listed on the approved permit application.

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

SWR #13 Formation Data

PECOS (371) County

Formation	Shallow Top	Deep Top	Remarks	Geological Order	Effective Date
TOBORG	100	500		1	12/17/2013
SOMA	700	900		2	12/17/2013
RUSTLER	1,300	1,300		3	12/17/2013
YATES	700	2,900		4	12/17/2013
SEVEN RIVERS	1,400	1,800		5	12/17/2013
GRAYBURG	1,600	2,200		6	12/17/2013
O'BRIEN	2,500	2,500		7	12/17/2013
GLORIETA	2,900	2,900		8	12/17/2013
TUBB	3,200	3,200		9	12/17/2013
QUEEN	1,100	3,400		10	12/17/2013
SAN ANDRES	1,200	3,800	usable quality water zone; low volume H2S	11	12/17/2013
PERMIAN GENERAL	3,900	3,900		12	12/17/2013
CLEARFORK	2,500	4,200		13	12/17/2013
SULLIVAN	4,800	4,800		14	12/17/2013
WICHITA ALBANY	2,700	4,800		15	12/17/2013
DELAWARE	4,000	5,200		16	12/17/2013
MONTOYA	5,300	5,300		17	12/17/2013
WADDELL	6,000	6,000		18	12/17/2013
CANYON	6,000	6,900		19	12/17/2013
BONE SPRINGS	7,100	7,100		20	12/17/2013
CABBALLOS	7,300	7,300		21	12/17/2013
STRAWN	7,000	8,300		22	12/17/2013
ZONE	9,800	9,800	unidentified	23	12/17/2013
MULTIPAY	12,000	12,000	unidentified	24	12/17/2013
WOLFCAMP	4,400	12,000		25	12/17/2013
PENNSYLVANIAN	7,700	12,900		26	12/17/2013
MISSISSIPPIAN	15,000	15,000		27	12/17/2013
ATOKA	16,400	16,400		28	12/17/2013
ELLENBURGER	4,700	20,500		29	12/17/2013

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

SWR #13 Formation Data

PECOS (371) County

Formation	Shallow Top	Deep Top	Remarks	Geological Order	Effective Date
DEVONIAN	5,100	21,200		30	12/17/2013

The above list may not be all inclusive, and may also include formations that do not intersect all wellbores. Formation "TOP" information listed reflects an estimated range based on geologic variances across the county. To clarify, the "Deep Top" is not the bottom of the formation; it is the deepest depth at which the "TOP" of the formation has been or might be encountered. This is a dynamic list subject to updates and revisions. It is the operator's responsibility to make sure that at the time of spudding the well the most current list is being referenced. Refer to the RRC website at the following address for the most recent information. http://www.rrc.texas.gov/oil-gas/compliance-enforcement/rule-13-geologic-formation-info

5D Survey Report

Forge Energy

Field Name: *Forge-Nad 27 TCZ*
Site Name: *UL 24 Voyager 2H*
Well Name: *UL 24 Voyager 2H*
Survey: *Definitive survey*

11 August 2017

UL 24 Voyager 2H

Field Name: Forge-Nad 27 TCZ	**Map Units:** US ft	**Company Name:** Forge Energy
	Vertical Reference Datum (VRD): Mean Sea Level	
	Projected Coordinate System: NAD27 / Texas Central	
	Comment:	

Site: UL 24 Voyager 2H	**Units:** US ft	**North Reference:** Grid	**Convergence Angle:** -1.19
	Position:	**Northing:** 452763.30 US ft	**Latitude:** 30° 53' 27.89"
		Easting: 1278345.60 US ft	**Longitude:** -102° 38' 3.33"
	Elevation above MSL: 2882.00 US ft		
	Comment:		

Slot: UL 24 Voyager 2H	**Position (Relative to Site Centre)**		
	+N/-S: 0.00 US ft	**Northing:** 452763.30 US ft	**Latitude:** 30°53'27.89"
	+E/-W: 0.00 US ft	**Easting:** 1278345.60 US ft	**Longitude:** -102°38'3.33"
	Elevation above MSL: 2882.00 US ft		
	Comment:		

Well: UL 24 Voyager 2H	**Type:** Main well		**UWI:**
	File Number:	**Comment:** Pecos Co, TX	
	Closure Distance: 5665.84 US ft		**Closure Azimuth:** 211.98°
	Vertical Section:	**Position of Origin (Relative to Slot centre)**	
		+N/-S: 0.00 US ft	**+E/-W:** -0.00 US ft **Az:** 211.95°

Drill floor: Survey Name: Definitive Survey

Rig Height (Drill Floor):	**Elevation above MSL:**	**Inclination:**	**Azimuth:**
25.00 US ft	2907.00 US ft	0.00°	0.00°

Survey Name: Definitive Survey

Date:	**Survey Tool:**	**Comment:**	**Company:**
12/Jun/2017	*See Survey Tool Ranges below.*		

Magnetic Model:

Model Name:	**Date:**	**Field Strength:**	**Declination:**	**Dip:**
bggm2017	01/Jul/2017	47334.2nT	6.58°	59.00°

Tie Point:

MD:	**Inclination:**	**Azimuth:**	**TVD:**	**North Offset:**	**East Offset:**
0.00 US ft	0.00°	0.00°	0.00 US ft	0.00 US ft	-0.00 US ft

Survey Tool Ranges:

Name	Start MD (USFt)	End MD (USFt)	Source Survey
MWD	0.00	2453.00	WFT MWD_01
MWD	2453.00	5247.00	WFT MWD_02
MWD	5247.00	6493.00	WFT MWD_03
MWD	6493.00	8721.00	WFT MWD_04
MWD	8721.00	12770.00	WFT MWD_05

Casing Points: (Relative to Slot centre)(TVD relative to Drill Floor)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	Name
6550.00	1.81	92.11	6548.69	44.26	84.82	452807.56	1278430.42	9 5/8 in

Wellpath created using minimum curvature.

Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	Clos.Dist (US ft)	Clos.Az (°)	Comment
0.00	0.00	0.00	0.00	-0.00	0.00	-0.00	452763.30	1278345.60	0.00	287.72	
144.00	0.50	343.90	144.00	-0.42	0.60	-0.17	452763.90	1278345.43	0.63	343.90	First Wft Svy
254.00	0.50	319.00	253.99	-0.88	1.43	-0.62	452764.73	1278344.98	1.56	336.44	
319.00	0.60	297.10	318.99	-0.94	1.80	-1.11	452765.10	1278344.49	2.11	328.25	
434.00	0.30	263.10	433.99	-0.70	2.03	-1.95	452765.33	1278343.65	2.82	316.27	
549.00	0.30	77.30	548.99	-0.72	2.06	-1.95	452765.36	1278343.65	2.84	316.61	
674.00	0.60	64.80	673.98	-1.50	2.41	-1.04	452765.71	1278344.56	2.63	336.70	
854.00	0.40	14.00	853.98	-2.89	3.43	-0.04	452766.73	1278345.56	3.43	359.41	
967.00	0.30	115.20	966.98	-3.30	3.68	0.33	452766.98	1278345.93	3.70	5.09	
1130.00	0.16	202.16	1129.97	-3.12	3.29	0.63	452766.59	1278346.23	3.35	10.81	
1224.00	0.22	307.77	1223.97	-3.01	3.28	0.44	452766.58	1278346.04	3.31	7.58	
1414.00	0.25	97.35	1413.97	-3.22	3.45	0.56	452766.75	1278346.16	3.49	9.20	
1602.00	0.35	34.39	1601.97	-3.97	3.87	1.29	452767.17	1278346.89	4.08	18.43	
1791.00	0.25	23.37	1790.97	-4.95	4.73	1.78	452768.03	1278347.38	5.05	20.63	
1981.00	0.25	35.50	1980.97	-5.78	5.44	2.18	452768.74	1278347.78	5.87	21.87	
2075.00	0.22	10.85	2074.97	-6.15	5.79	2.34	452769.09	1278347.94	6.24	21.99	
2169.00	0.16	81.14	2168.97	-6.40	5.99	2.50	452769.29	1278348.10	6.49	22.68	
2264.00	0.22	34.32	2263.97	-6.67	6.16	2.74	452769.46	1278348.34	6.74	23.96	
2359.00	0.16	51.33	2358.97	-6.98	6.39	2.94	452769.69	1278348.54	7.03	24.72	
2453.00	0.35	123.25	2452.96	-7.10	6.31	3.28	452769.61	1278348.88	7.12	27.48	
2539.00	0.35	91.26	2538.96	-7.22	6.16	3.77	452769.46	1278349.37	7.22	31.42	
2633.00	0.36	71.73	2632.96	-7.60	6.25	4.33	452769.55	1278349.93	7.61	34.73	
2728.00	0.72	50.26	2727.96	-8.39	6.73	5.08	452770.03	1278350.68	8.43	37.04	
2823.00	0.74	66.14	2822.95	-9.47	7.36	6.10	452770.66	1278351.70	9.55	39.65	
3012.00	0.88	53.90	3011.93	-11.82	8.70	8.39	452772.00	1278353.99	12.09	43.93	
3107.00	1.07	68.40	3106.92	-13.21	9.46	9.80	452772.76	1278355.40	13.62	46.01	
3202.00	1.25	73.84	3201.90	-14.70	10.08	11.62	452773.38	1278357.22	15.38	49.07	
3297.00	1.26	60.07	3296.87	-16.39	10.89	13.52	452774.19	1278359.12	17.36	51.16	
3391.00	1.44	69.38	3390.85	-18.24	11.82	15.52	452775.12	1278361.12	19.51	52.72	
3485.00	1.68	61.84	3484.81	-20.37	12.88	17.84	452776.18	1278363.44	22.01	54.17	
3580.00	0.84	73.42	3579.79	-22.10	13.74	19.74	452777.04	1278365.34	24.05	55.16	
3675.00	0.64	81.31	3674.78	-22.97	14.02	20.93	452777.32	1278366.53	25.19	56.19	
3769.00	0.80	106.91	3768.77	-23.48	13.91	22.08	452777.21	1278367.68	26.09	57.79	
3864.00	0.85	84.03	3863.77	-24.09	13.79	23.41	452777.09	1278369.01	27.17	59.51	
3959.00	0.95	88.47	3958.75	-24.95	13.88	24.90	452777.18	1278370.50	28.51	60.86	
4053.00	1.17	89.15	4052.74	-25.90	13.92	26.64	452777.22	1278372.24	30.05	62.42	
4148.00	1.48	91.67	4147.71	-27.05	13.90	28.83	452777.20	1278374.43	32.01	64.27	
4242.00	1.42	75.31	4241.68	-28.51	14.16	31.17	452777.46	1278376.77	34.24	65.58	
4337.00	1.54	75.55	4336.65	-30.29	14.77	33.55	452778.07	1278379.15	36.66	66.23	
4526.00	2.47	58.02	4525.53	-35.78	17.56	39.46	452780.86	1278385.06	43.19	66.01	
4621.00	1.73	44.44	4620.47	-39.02	19.67	42.20	452782.97	1278387.80	46.56	65.01	
4810.00	1.55	39.67	4809.39	-44.34	23.68	45.83	452786.98	1278391.43	51.59	62.68	
4905.00	1.95	39.14	4904.35	-47.22	25.92	47.67	452789.22	1278393.27	54.26	61.47	
4999.00	2.12	38.88	4998.29	-50.53	28.51	49.77	452791.81	1278395.37	57.36	60.19	
5093.00	2.29	40.92	5092.22	-54.11	31.28	52.09	452794.58	1278397.69	60.77	59.01	
5188.00	2.02	42.27	5187.15	-57.63	33.96	54.46	452797.26	1278400.06	64.18	58.06	
5247.00	1.80	43.19	5246.12	-59.57	35.40	55.80	452798.70	1278401.40	66.08	57.61	
5377.00	2.35	57.31	5376.03	-63.98	38.33	59.44	452801.63	1278405.04	70.73	57.18	
5472.00	1.41	70.93	5470.98	-66.65	39.76	62.18	452803.06	1278407.78	73.81	57.40	
5566.00	1.22	80.49	5564.96	-68.21	40.31	64.26	452803.61	1278409.86	75.86	57.90	
5660.00	1.09	61.10	5658.94	-69.65	40.91	66.03	452804.21	1278411.63	77.68	58.22	

Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor)

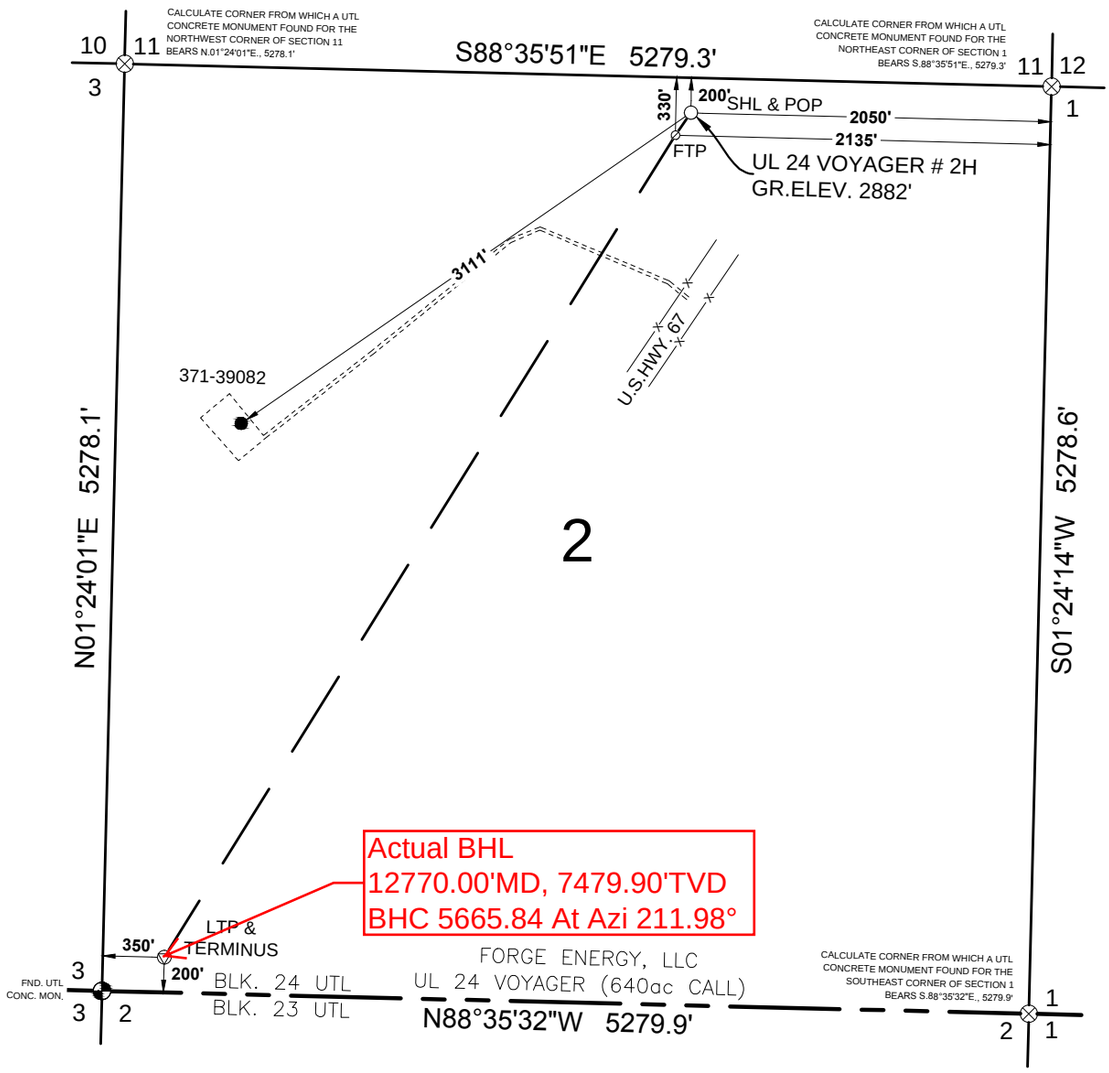
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	Clos.Dist (US ft)	Clos.Az (°)	Comment
5754.00	1.39	39.62	5752.92	-71.56	42.22	67.54	452805.52	1278413.14	79.65	57.99	
5849.00	1.63	41.73	5847.88	-74.04	44.11	69.18	452807.41	1278414.78	82.04	57.48	
5944.00	0.78	89.48	5942.87	-75.71	45.13	70.72	452808.43	1278416.32	83.89	57.46	
6038.00	1.07	102.32	6036.85	-76.35	44.94	72.22	452808.24	1278417.82	85.06	58.10	
6134.00	1.48	87.98	6132.83	-77.35	44.80	74.33	452808.10	1278419.93	86.79	58.93	
6228.00	1.26	100.12	6226.80	-78.41	44.66	76.56	452807.96	1278422.16	88.64	59.75	
6323.00	1.44	87.46	6321.78	-79.47	44.53	78.78	452807.83	1278424.38	90.50	60.53	
6417.00	1.34	96.12	6415.75	-80.62	44.46	81.06	452807.76	1278426.66	92.45	61.25	
6493.00	1.71	92.18	6491.72	-81.57	44.32	83.07	452807.62	1278428.67	94.16	61.92	
6550.00	1.81	92.11	6548.69	-82.44	44.26	84.82	452807.56	1278430.42	95.68	62.45	9 5/8 in
6590.00	1.88	92.06	6588.67	-83.08	44.21	86.11	452807.51	1278431.71	96.80	62.82	
6611.00	1.96	90.21	6609.66	-83.44	44.20	86.81	452807.50	1278432.41	97.42	63.02	
6642.00	1.73	114.26	6640.65	-83.78	44.00	87.77	452807.30	1278433.37	98.18	63.37	
6674.00	3.74	164.69	6672.61	-83.14	42.80	88.49	452806.10	1278434.09	98.29	64.19	
6705.00	6.45	178.84	6703.49	-81.00	40.08	88.79	452803.38	1278434.39	97.42	65.70	
6737.00	9.18	184.49	6735.19	-77.22	35.74	88.63	452799.04	1278434.23	95.56	68.04	
6768.00	12.86	188.76	6765.61	-71.86	29.86	87.91	452793.16	1278433.51	92.84	71.24	
6800.00	16.30	191.47	6796.58	-64.37	21.94	86.47	452785.24	1278432.07	89.21	75.76	
6831.00	18.67	192.51	6826.14	-55.62	12.83	84.53	452776.13	1278430.13	85.50	81.37	
6863.00	22.13	193.30	6856.13	-45.08	1.96	82.03	452765.26	1278427.63	82.06	88.63	
6873.50	23.01	193.53	6865.83	-41.25	-1.96	81.10	452761.34	1278426.70	81.12	91.38	FTP 6873.50'MD
6894.00	24.73	193.94	6884.57	-33.37	-10.02	79.13	452753.28	1278424.73	79.76	97.21	
6926.00	27.13	193.72	6913.35	-20.08	-23.60	75.78	452739.70	1278421.38	79.37	107.30	
6957.00	30.45	195.52	6940.51	-5.82	-38.04	72.01	452725.26	1278417.61	81.44	117.85	
6989.00	31.66	197.61	6967.93	10.09	-53.86	67.29	452709.44	1278412.89	86.19	128.67	
7020.00	32.69	199.36	6994.17	26.14	-69.51	62.06	452693.79	1278407.66	93.18	138.24	
7052.00	34.64	201.18	7020.80	43.51	-86.15	55.91	452677.15	1278401.51	102.70	147.02	
7083.00	37.40	202.58	7045.87	61.46	-103.06	49.11	452660.24	1278394.71	114.16	154.52	
7115.00	39.97	204.05	7070.85	81.23	-121.42	41.19	452641.88	1278386.79	128.22	161.26	
7146.00	43.40	204.69	7094.00	101.67	-140.20	32.68	452623.10	1278378.28	143.96	166.88	
7178.00	46.52	206.45	7116.64	124.14	-160.59	22.91	452602.71	1278368.51	162.21	171.88	
7209.00	49.49	207.52	7137.38	147.09	-181.11	12.45	452582.19	1278358.05	181.54	176.07	
7241.00	53.80	208.46	7157.23	172.11	-203.26	0.67	452560.04	1278346.27	203.26	179.81	
7272.00	57.51	209.63	7174.72	197.67	-225.63	-11.76	452537.67	1278333.84	225.94	182.98	
7303.00	60.93	210.47	7190.58	224.29	-248.68	-25.09	452514.62	1278320.51	249.94	185.76	
7335.00	65.33	212.10	7205.04	252.82	-273.06	-39.92	452490.24	1278305.68	275.96	188.32	
7366.00	68.66	214.20	7217.15	281.34	-296.94	-55.52	452466.36	1278290.08	302.09	190.59	
7398.00	71.33	216.85	7228.10	311.35	-321.41	-73.00	452441.89	1278272.60	329.59	192.80	
7429.00	74.56	220.69	7237.19	340.76	-344.50	-91.56	452418.80	1278254.04	356.46	194.88	
7461.00	76.88	221.34	7245.09	371.38	-367.90	-111.91	452395.40	1278233.69	384.54	196.92	
7492.00	79.09	220.74	7251.54	401.32	-390.77	-131.81	452372.53	1278213.79	412.40	198.64	
7524.00	79.37	220.42	7257.52	432.40	-414.64	-152.26	452348.66	1278193.34	441.72	200.16	
7555.00	81.78	220.57	7262.60	462.64	-437.90	-172.12	452325.40	1278173.48	470.51	201.46	
7587.00	85.10	219.95	7266.25	494.09	-462.15	-192.66	452301.15	1278152.94	500.70	202.63	
7618.00	87.55	219.27	7268.24	524.75	-485.99	-212.38	452277.31	1278133.22	530.37	203.61	
7681.00	88.32	218.97	7270.51	587.22	-534.83	-252.11	452228.47	1278093.49	591.27	205.24	
7776.00	86.15	220.79	7275.09	681.19	-607.64	-312.94	452155.66	1278032.66	683.49	207.25	
7870.00	86.50	220.74	7281.12	773.89	-678.69	-374.19	452084.61	1277971.41	775.01	208.87	
7965.00	86.57	220.21	7286.86	867.67	-750.82	-435.75	452012.48	1277909.85	868.11	210.13	
8059.00	87.27	220.50	7291.91	960.52	-822.35	-496.52	451940.95	1277849.08	960.62	211.12	
8154.00	87.76	216.87	7296.03	1054.76	-896.42	-555.84	451866.88	1277789.76	1054.77	211.80	
8248.00	87.41	215.50	7299.99	1148.42	-972.22	-611.28	451791.08	1277734.32	1148.43	212.16	
8343.00	85.66	213.18	7305.73	1243.15	-1050.51	-664.77	451712.79	1277680.83	1243.18	212.33	
8438.00	86.71	212.97	7312.05	1337.92	-1129.94	-716.50	451633.36	1277629.10	1337.96	212.38	
8532.00	86.15	211.13	7317.91	1431.74	-1209.46	-766.28	451553.84	1277579.32	1431.77	212.36	
8627.00	86.78	210.48	7323.76	1526.54	-1290.90	-814.84	451472.40	1277530.76	1526.56	212.26	
8721.00	86.78	210.90	7329.04	1620.37	-1371.60	-862.74	451391.70	1277482.86	1620.38	212.17	
8751.00	86.99	210.65	7330.67	1650.31	-1397.34	-878.07	451365.96	1277467.53	1650.32	212.14	

Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	Clos.Dist (US ft)	Clos.Az (°)	Comment
8846.00	89.30	211.14	7333.75	1745.24	-1478.81	-926.82	451284.49	1277418.78	1745.25	212.08	
8934.00	86.85	211.51	7336.71	1833.18	-1553.94	-972.54	451209.36	1277373.06	1833.18	212.04	
9032.00	88.25	211.47	7340.89	1931.08	-1637.43	-1023.68	451125.87	1277321.92	1931.09	212.01	
9126.00	88.18	211.80	7343.82	2025.04	-1717.42	-1072.96	451045.88	1277272.64	2025.04	212.00	
9220.00	89.23	211.70	7345.95	2119.01	-1797.33	-1122.41	450965.97	1277223.19	2119.01	211.98	
9315.00	88.74	212.43	7347.63	2214.00	-1877.83	-1172.84	450885.47	1277172.76	2214.00	211.99	
9409.00	88.25	212.18	7350.10	2307.96	-1957.25	-1223.06	450806.05	1277122.54	2307.96	212.00	
9504.00	88.04	211.88	7353.17	2402.91	-2037.74	-1273.42	450725.56	1277072.18	2402.91	212.00	
9598.00	89.79	211.94	7354.95	2496.89	-2117.52	-1323.09	450645.78	1277022.51	2496.89	212.00	
9693.00	89.37	211.31	7355.65	2591.89	-2198.41	-1372.90	450564.89	1276972.70	2591.89	211.98	
9789.00	88.46	211.28	7357.47	2687.86	-2280.43	-1422.76	450482.87	1276922.84	2687.86	211.96	
9884.00	88.11	212.26	7360.31	2782.82	-2361.16	-1472.76	450402.14	1276872.84	2782.82	211.95	
9979.00	89.37	212.17	7362.40	2877.79	-2441.51	-1523.39	450321.79	1276822.21	2877.79	211.96	
10073.00	87.76	212.27	7364.75	2971.76	-2521.01	-1573.49	450242.29	1276772.11	2971.76	211.97	
10168.00	86.64	212.46	7369.39	3066.64	-2601.15	-1624.28	450162.15	1276721.32	3066.64	211.98	
10262.00	86.08	212.57	7375.36	3160.45	-2680.26	-1674.71	450083.04	1276670.89	3160.45	212.00	
10357.00	87.83	212.46	7380.41	3255.30	-2760.25	-1725.70	450003.05	1276619.90	3255.31	212.01	
10452.00	87.55	211.71	7384.24	3350.22	-2840.67	-1776.12	449922.63	1276569.48	3350.23	212.02	
10547.00	88.25	211.27	7387.72	3445.16	-2921.63	-1825.71	449841.67	1276519.89	3445.16	212.00	
10641.00	87.83	211.42	7390.93	3539.10	-3001.86	-1874.58	449761.44	1276471.02	3539.10	211.98	
10736.00	89.37	211.71	7393.26	3634.06	-3082.78	-1924.29	449680.52	1276421.31	3634.06	211.97	
10830.00	88.74	211.67	7394.81	3728.05	-3162.75	-1973.66	449600.55	1276371.94	3728.05	211.97	
10925.00	88.18	212.48	7397.36	3823.01	-3243.22	-2024.09	449520.08	1276321.51	3823.01	211.97	
11020.00	88.60	213.00	7400.03	3917.97	-3323.10	-2075.45	449440.20	1276270.15	3917.97	211.99	
11114.00	87.48	212.99	7403.24	4011.89	-3401.89	-2126.61	449361.41	1276218.99	4011.90	212.01	
11209.00	87.97	212.91	7407.01	4106.80	-3481.55	-2178.24	449281.75	1276167.36	4106.81	212.03	
11304.00	87.41	212.13	7410.84	4201.72	-3561.58	-2229.27	449201.72	1276116.33	4201.73	212.04	
11398.00	86.78	211.80	7415.61	4295.60	-3641.23	-2278.97	449122.07	1276066.63	4295.61	212.04	
11493.00	87.41	211.27	7420.42	4390.47	-3722.09	-2328.59	449041.21	1276017.01	4390.48	212.03	
11587.00	87.62	211.77	7424.50	4484.38	-3802.15	-2377.69	448961.15	1275967.91	4484.39	212.02	
11682.00	88.67	211.57	7427.57	4579.33	-3882.96	-2427.54	448880.34	1275918.06	4579.33	212.01	
11776.00	87.83	211.82	7430.44	4673.29	-3962.90	-2476.90	448800.40	1275868.70	4673.29	212.01	
11871.00	88.53	211.59	7433.46	4768.24	-4043.68	-2526.80	448719.62	1275818.80	4768.24	212.00	
11965.00	88.53	212.17	7435.87	4862.20	-4123.48	-2576.43	448639.82	1275769.17	4862.21	212.00	
12060.00	86.64	212.79	7439.87	4957.11	-4203.54	-2627.40	448559.76	1275718.20	4957.11	212.01	
12154.00	85.73	211.90	7446.13	5050.90	-4282.78	-2677.58	448480.52	1275668.02	5050.90	212.01	
12249.00	85.03	211.14	7453.78	5145.59	-4363.50	-2727.08	448399.80	1275618.52	5145.59	212.00	
12343.00	85.87	211.56	7461.24	5239.28	-4443.52	-2775.83	448319.78	1275569.77	5239.29	211.99	
12438.00	87.62	211.68	7466.63	5334.13	-4524.28	-2825.56	448239.02	1275520.04	5334.13	211.99	
12533.00	87.41	211.66	7470.75	5429.03	-4605.06	-2875.39	448158.24	1275470.21	5429.04	211.98	
12628.00	87.06	212.07	7475.33	5523.92	-4685.65	-2925.48	448077.65	1275420.12	5523.92	211.98	
12710.00	88.60	212.24	7478.44	5605.86	-4755.02	-2969.09	448008.28	1275376.51	5605.86	211.98	Last Wft Svy
12770.00	88.60	212.24	7479.90	5665.84	-4805.75	-3001.09	447957.55	1275344.51	5665.84	211.98	PTB

PERMIT PLAT

SECTION 2, BLOCK 24, UNIVERSITY LANDS SURVEY,

PECOS COUNTY, TEXAS

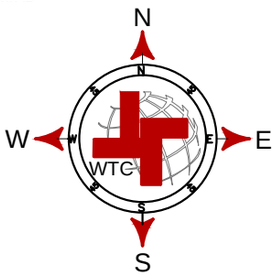


SURFACE LOCATION	NAD 83, TEXAS CENTRAL - N.(Y)=10295337.8', E.(X)=1574811.4' - LAT=30° 53' 28.45"N, LON=102° 38' 04.86"W.
	NAD 27, TEXAS CENTRAL - N.(Y)= 452763.3', E.(X)=1278345.6'- LAT=30.8910819°N, LON=102.6342577°W.
FIRST TAKE	NAD 83, TEXAS CENTRAL - N.(Y)=10295209.9', E.(X)=1574723.2' - LAT=30° 53' 27.17"N, LON=102° 38' 05.84"W.
	NAD 27, TEXAS CENTRAL - N.(Y)=634257', E.(X)=1278257.4'- LAT=30.8907254°N, LON=102.6345304°W.
LAST TAKE & TERMINUS	NAD 83, TEXAS CENTRAL - N.(Y)=10290531.6', E.(X)=1571813.7' - LAT=30° 52' 40.27"N, LON=102° 38' 38.11"W.
	NAD 27, TEXAS CENTRAL - N.(Y)=447957.1', E.(X)=1275347.9'- LAT=30.8776986°N, LON=102.6434945°W.

FROM THE JCT. OF U.S. HIGHWAY 67 AND INTERSTATE 10 ABOUT 14 MILES EAST OF FT. STOCKTON, TEXAS, GO NORTH ON US 67 FROM THE NORTH SERVICE ROAD FOR ±0.8 MILES TO A CALICHE ROAD LEFT. GO WEST ON CALICHE ROAD ±275 FEET TO THE PROPOSED LEASE ROAD AND THE LOCATION ±900 FEET RIGHT.

SURVEYOR'S NOTES:

- **SEE DOCUMENTS FILED IN THIS OFFICE WHICH DESCRIBE IN DETAIL THE RECONSTRUCTION OF THESE SECTIONS AND/OR BLOCKS, USING FOUND MONUMENTATION, GLO AND COURTHOUSE DOCUMENTATION.**
- **NO SURFACE OWNERSHIP WAS PROVIDED OR REQUESTED BY FORGE ENERGY, L.L.C. AND NONE WAS RESEARCHED OR PROVIDED BY W.T.C., INC.**
- **BASIS OF BEARINGS AND COORDINATES SHOWN HEREON ARE A LAMBERT CONICAL PROJECTION OF THE TEXAS COORDINATE SYSTEM, STATE PLANE GRID, CENTRAL ZONE, NAD 83, BASED ON NGS STATION HIGH.**
- **THIS LOCATION IS APPROXIMATELY 14.6 MILES N.89°E. FROM FT. STOCKTON, TEXAS.**



LEGEND

- ○ DENOTES SURFACE HOLE LOCATION
- ⊗ DENOTES POINT OF PENETRATION
- ⊘ DENOTES FIRST OR LAST TAKE POINT
- ▽ DENOTES FIRST OR LAST TAKE POINT
- ◓ DENOTES FOUND SECTION CORNER
- ⊗ DENOTES CALCULATED CORNER
- DENOTES LEASE BOUNDARY

1000 0 1000 2000 FEET

SCALE: 1" = 1000'

STATE OF TEXAS REGISTERED GREGORY W. SHOULTS 5356 PROFESSIONAL LAND SURVEYOR

I, THE UNDERSIGNED, DO HEREBY CERTIFY THAT THE SURVEY INFORMATION FOUND ON THIS PERMIT PLAT WAS DERIVED FROM FIELD NOTES OR ELECTRONIC DATA OF AN ACTUAL ON-THE-GROUND SURVEY MADE BY ME OR UNDER MY SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. NO WARRANTY IS MADE OR INTENDED FOR THE LOCATION OF ANY OR ALL EASEMENTS THAT MAY EXIST WITHIN THE BOUNDS OF THIS SURVEY. THE INFORMATION PRESENTED HEREON IS FOR TEXAS RAILROAD COMMISSION PERMITTING ONLY, AND DOES NOT CONSTITUTE OR REPRESENT A COMPLETE BOUNDARY SURVEY AS DEFINED BY THE T.B.P.L.S., "PROFESSIONAL LAND SURVEYING PRACTICES ACT." IF THERE ARE ANY ALTERATIONS MADE, (HAND DRAWN OR HANDWRITTEN ADDITIONS) THIS SURVEYOR IS NO LONGER RESPONSIBLE FOR THE VALIDITY OF THIS PLAT.

03/24/2017

GREGORY W. SHOULTS RPLS #5356 DATE

SURVEY DATE: 03/23/2017 DRAFT GWS

JOB NO.: 51739 SHEET: 1 OF 1

Forge energy

UL 24 VOYAGER #2H

LOCATED 200 FEET FROM THE NORTH LINE AND 2050 FEET FROM THE EAST LINE OF SECTION 2, BLOCK 24, UNIVERSITY LANDS SURVEY, PECOS COUNTY, TEXAS.

WTC Engineers · Surveyors

W T C, INC.
405 S.W. 1st. STREET
ANDREWS, TEXAS 79714
(432) 523-2181
TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00