WELL NAME:	UL Maroon 0904-21 1H	**FIELD:**	Phantom (Wolfcamp)	**Well #:** 4249500031	Permit #: 838557
STATE:	Texas	**COUNTY:**	Winkler	**SRF LOC:**	SEC:16 BLK:21 SRV:UL; 1171 FNL, 2232 FEL
API NO:	42-495-34108	**SPUD DATE:**	4/30/2018	**BHL:**	SEC:04 BLK:21 SRV:UL
PBTD:	23,201' CIBP	**TD DATE:**	8/24/2018	**FORMATION:**	Wolfcamp A
TD:	23,405' **TVD:** 12,097'	**CMPL DATE:**	10/2/2018	**ELEVATION:**	2833'; RKB 25'

PIPE RECORD								HOLE DATA		CEMENT DATA				
	OD	**GRADE**	**THD**	**WEIGHT (ppf)**	**TOP**	**BTM**	**# JTS**	**BIT SIZE**	**DEPTH**	**SX**	**YIELD (cu ft/sk)**	**TOC**	**Method**	
Surf Csg	13-3/8"	J-55	STC	54.50#	0'	1052'	25	17.500"	1068'	1370	1.70	0'	Circ to Surf	Circ to Surf
Intermediate Csg	10-3/4"	J-55	BTC	45.50#	0'	5146'	122	12.250"	5155'	1170	2.21	0'	Circ to Surf	Calc
Intermediate Csg	7-5/8"	HCL80	BTC/USF	29.70#	0'	11369'	251	9.875"	11385'	610/520	2.6/2.31	667'	2 stg; Circ DV	Est
Production Csg	5-1/2"	P110	GeoConn	23.00#	11117'	23388'	276	6.750"	23405'	1135	1.23	11117'	CBL	By CBL
Tie Back	5-1/2"	HCP110	BTC	23.00#	0'	11117'	257	N/A	N/A	N/A	N/A	N/A	N/A	2 stg; Circ DV

	OD	**GRADE**	**THD**	**WEIGHT**	**PKR @**	**TYPE**	**BTM**
Tbg	2.875"	L80	8RD	6.50#	11486	AS1X	11500

Perfs/Top of Sleeve Depth: See Below **LOGS:**

HISTORY:

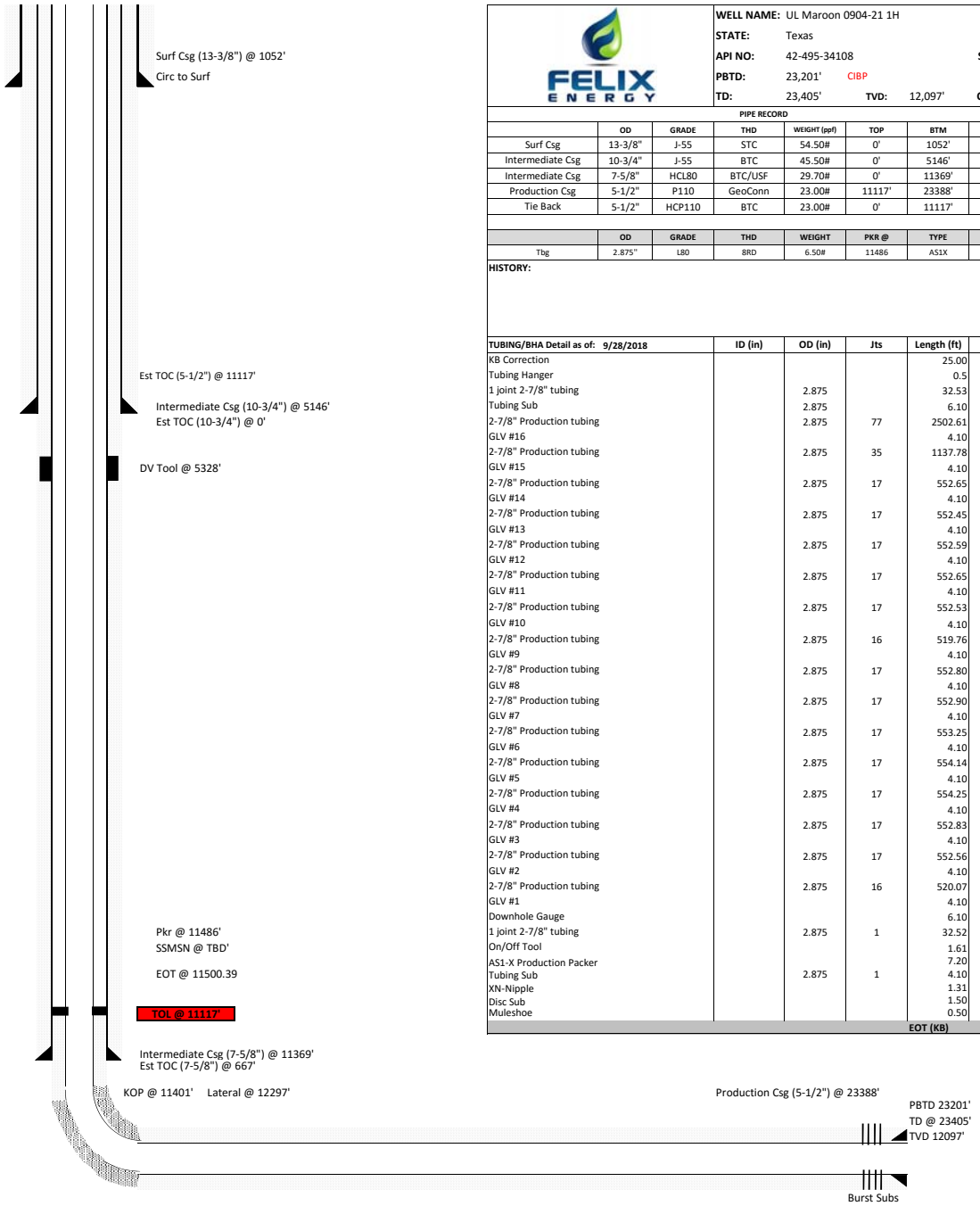
Perforations:

Formation	Top Perf	Bottom Perf	Net Feet	JSPF	Holes
Wolfcamp A	13000	23191	10191		

TUBING/BHA Detail as of: 9/28/2018	**ID (in)**	**OD (in)**	**Jts**	**Length (ft)**	**Depth (ft)**
KB Correction				25.00	25.00
Tubing Hanger				0.5	25.50
1 joint 2-7/8" tubing		2.875		32.53	58.03
Tubing Sub		2.875		6.10	64.13
2-7/8" Production tubing		2.875	77	2502.61	2566.74
GLV #16				4.10	2570.84
2-7/8" Production tubing		2.875	35	1137.78	3708.62
GLV #15				4.10	3712.72
2-7/8" Production tubing		2.875	17	552.65	4265.37
GLV #14				4.10	4269.47
2-7/8" Production tubing		2.875	17	552.45	4821.92
GLV #13				4.10	4826.02
2-7/8" Production tubing		2.875	17	552.59	5378.61
GLV #12				4.10	5382.71
2-7/8" Production tubing		2.875	17	552.65	5935.36
GLV #11				4.10	5939.46
2-7/8" Production tubing		2.875	17	552.53	6491.99
GLV #10				4.10	6496.09
2-7/8" Production tubing		2.875	16	519.76	7015.85
GLV #9				4.10	7019.95
2-7/8" Production tubing		2.875	17	552.80	7572.75
GLV #8				4.10	7576.85
2-7/8" Production tubing		2.875	17	552.90	8129.75
GLV #7				4.10	8133.85
2-7/8" Production tubing		2.875	17	553.25	8687.10
GLV #6				4.10	8691.20
2-7/8" Production tubing		2.875	17	554.14	9245.34
GLV #5				4.10	9249.44
2-7/8" Production tubing		2.875	17	554.25	9803.69
GLV #4				4.10	9807.79
2-7/8" Production tubing		2.875	17	552.83	10360.62
GLV #3				4.10	10364.72
2-7/8" Production tubing		2.875	17	552.56	10917.28
GLV #2				4.10	10921.38
2-7/8" Production tubing		2.875	16	520.07	11441.45
GLV #1				4.10	11445.55
Downhole Gauge				6.10	11451.65
1 joint 2-7/8" tubing		2.875	1	32.52	11484.17
On/Off Tool				1.61	11485.78
AS1-X Production Packer				7.20	11492.98
Tubing Sub		2.875	1	4.10	11497.08
XN-Nipple				1.31	11498.39
Disc Sub				1.50	11499.89
Muleshoe				0.50	11500.39
				EOT (KB)	**11500.39**

PUMP/ROD Detail as of: 9/28/2018	**Rods**	**Length (ft)**
KB Correction		
Note:	**TOTAL**	**0**

Updated by: dgraeve
9/28/2018

SHOE TRACT

	Length	ID (in)	Top Depth (ft)	Bttm Depth (ft)
Reaming Shoe	2.00	N/A	23386.00	23388.00
Joint 1	44.18	4.670	23341.82	23386.00
Float Collar	1.20	N/A	23340.62	23341.82
Joint 2	44.18	4.670	23296.44	23340.62
Landing Collar	1.35	N/A	23295.09	23296.44
Joint 3	44.27	4.670	23250.82	23295.09
Burst Sub 1	1.60	4.625	23249.22	23250.82
Marker Joint 1	22.04	4.670	23227.18	23249.22
Burst Sub 2	1.60	4.625	23225.58	23227.18