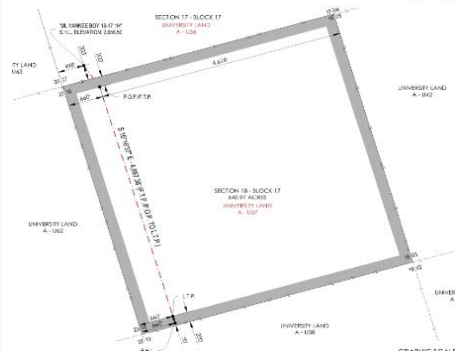


Surf Csg (13-3/8") @ 1205'  
Circ to Surf



Est TOC (5-1/2") @ 5000'

Intermediate Csg (10-3/4") @ 5008'  
Est TOC (10-3/4") @ 600'

DV Tool @ 5101'

Lost BHA @ 6447'; Did not catch fish  
Set whipstock @ 6288'; Cmt w/ 70 sks

Pkr @ TBD'  
SSMSN @ TBD'  
EOT @ 10673.83

Intermediate Csg (7-5/8") @ 10608'  
Est TOC (7-5/8") @ 520'

KOP @ 10,649' Lateral @ 11,718'

Production Csg (5-1/2") @ 16436'

PBTD 16286'  
TD @ 16440'  
TVD 11231'

TCP Perfs



**WELL NAME:** UL Yankee Boy 18-17 1H  
**STATE:** Texas  
**API NO:** 42-475-37204  
**PBTD:** 16,286'  
**TD:** 16,440'  
**FIELD:** Phantom (Wolfcamp)  
**COUNTY:** Ward  
**SPUD DATE:** 3/12/2017  
**TD DATE:** 4/11/2017  
**CMPL DATE:**  
**Well #:** 4247500081  
**Permit #:** 823434  
**SRF LOC:** Sec 17, Blk 17, Surv UL; 303' FSL, 498' FWL  
**BHL:** Sec 18, Blk 17, Surv UL  
**FORMATION:** Upper Wolfcamp A  
**ELEVATION:** 2656.5'; RKB 25'

PIPE RECORD								HOLE DATA		CEMENT DATA			
	OD	GRADE	THD	WEIGHT (ppf)	TOP	BTM	# JTS	BIT SIZE	DEPTH	SK	YIELD (cu ft/sk)	TOC	Method
Surf Csg	13-3/8"	J-55	STC	54.50#	0'	1205'	27	17.500"	1220'	1413	1.76 & 1.67	0'	Circ to Surf
Intermediate Csg	10-3/4"	J-55	BTC	45.50#	0'	5008'	118	12.250"	5025'	1139	2.02 & 1.29	600'	Calc
Intermediate Csg	7-5/8"	HCP110	BTC	29.70#	0'	10608'	248	9.875"	10623'	1285	2.09 & 2.17	520'	2 stg: Circ DV
Production Csg	5-1/2"	P110	GeoConn	23.00#	0'	16436'	371	6.750"	16440'	1020	1.20	5000'	Calc

Tbg								Perfs/Top of Sleeve Depth:	See Below	LOGS:	
-----	--	--	--	--	--	--	--	----------------------------	-----------	-------	--

#### HISTORY:

#### Perforations:

Formation	Top Perf	Bottom Perf	Net Feet	JSPF	Holes
L Wolfcamp A	11723	16268			

TUBING/BHA Detail as of:	11/8/2017	ID (in)	OD (in)	Jts	Length (ft)	Depth (ft)	PUMP/ROD Detail as of:	11/8/2017	Rods	Length (ft)
KB Correction					25.00	25.00	KB Correction			
Tubing Hanger					0.9	25.90				
327 jts 2-7/8" L80 EUE tubing					10594.68	10620.58				
X-Nipple					0.74	10621.32				
1 jt 2-7/8" L80 EUE tubing					32.40	10653.72				
2-7/8" on/off tool					1.45	10655.17				
2-7/8" X profile stinger					1.29	10656.46				
AS1-X Production Packer					7.30	10663.76				
2-7/8" pup joint					8.10	10671.86				
XN-Nipple					0.84	10672.70				
2-7/8" 10K ceramic disc sub					1.13	10673.83				
						10673.83				
						10673.83				
						10673.83				
EOT (KB)						10673.83	Note:		TOTAL	0

Updated by: dgraev  
11/8/2017

#### SHOE TRACT

	Length	ID (in)	Top Depth (ft)	Bttm Depth (ft)
Reaming Shoe	2.80	N/A	16433.20	16436.00
Joint 1	39.64	4.670	16393.56	16433.20
Joint 2	41.33	4.670	16352.23	16393.56
Float Collar	1.70	N/A	16350.53	16352.23
Joint 3	39.39	4.670	16311.14	16350.53
Burst Sub 1	1.00	4.625	16310.14	16311.14
Marker Joint 1	22.53	4.670	16287.61	16310.14
Burst Sub 2	1.00	4.625	16286.61	16287.61