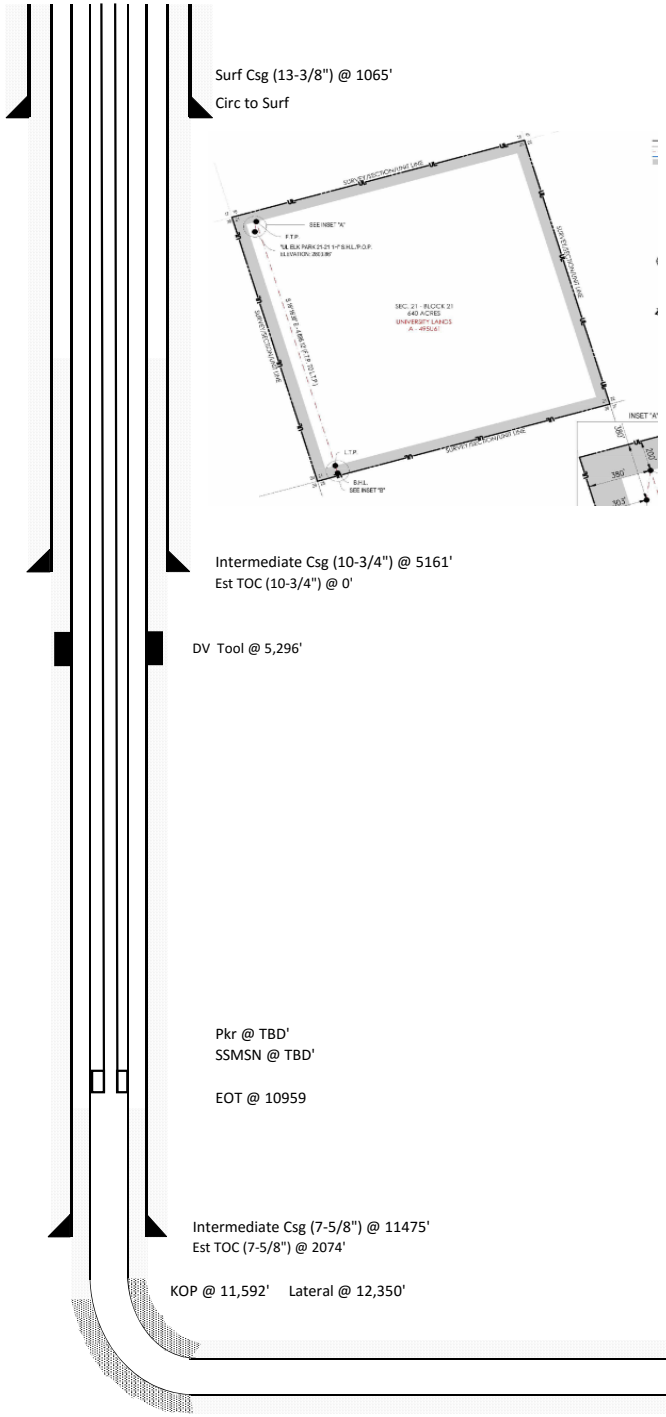

FELIX ENERGY

WELL NAME UL Elk Park 21-21 1H | **FIELD:** Phantom (Wolfcamp) | **Well #:** 4249500040 | Permit #: 820660

STATE: Texas | **COUNTY:** Winkler | **SRF LOC:** Sec 21 - Blk 21 Surv UL; 380' FNL, 303' FWL

API NO: 42-495-33770 | **SPUD DATE:** 12/24/2016 | **BHL:** Sec 21- Blk 21 Surv UL

PBTD: 16867' | **TD DATE:** 2/1/2017 | **FORMATION:** Wolfcamp A

TD: 16,963' | **TVD:** 12,020' | **CMPL DATE:** | **ELEVATION:** 2804'; 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'	1065'	24	17.500''	1075'	1257	1.74 & 1.67	0'	Circ to Surf
Intermediate Csg	10-3/4"	J-55	BTC	45.50#	0'	5161'	115	12.250''	5172'	1192	2.02, 1.29 & 2.23	0'	Circ to Surf
Intermediate Csg	7-5/8"	P110	BTC	29.70#	0'	11475'	256	9.875''	11486'	1473	2.23 & 2.15	2074'	2 stg; Circ DV
Production Csg	5-1/2"	P110	GeoConn	23.00#	0'	16963'	383	6.750''	16963'	986	1.21	5100'	Est
Production Tbg	2-7/8"	L80	EUE	6.5#	0'	10959'	353						
Tbg													

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

HISTORY:

Perforations:

Formation	Top Perf	Bottom Perf	Net Feet	JSPF	Holes
Wolfcamp A	12246	16802			

TUBING/BHA Detail as of: 1/2/2018	ID (in)	OD (in)	Jts	Length (ft)	Depth (ft)
KB Correction				25.00	25.00
Tubing Hanger				0.5	25.50
2-3/8" Landing Joint				26.00	51.50
2-3/8" L80 EUE tubing				10435.50	10487.00
(5) ESP Pumps				88.00	10575.00
ESP Intake				5.00	10580.00
ESP Seal				10.50	10590.50
(3) ESP Motors				62.40	10652.90
ESP Sensor				2.50	10655.40
Spirit Desander				11.80	10667.20
(4) 2-7/8" Chemical Subs & (6) 2-7/8" Tail Pipe				291.80	10959.00
					10959.00
					10959.00
					10959.00
				EOT (KB)	10959.00

PUMP/ROD Detail as of: 1/2/2018	Rods	Length (ft)
KB Correction		
Note:	TOTAL	0

Updated by: dgraeve
1/2/2018

SHOE TRACT

	Length	Top Depth (ft)	Bttm Depth (ft)
Reaming Shoe	1.80	16953.20	16955.00
Joint 1	44.80	16908.40	16953.20
Joint 2	38.35	16870.05	16908.40
Float Collar	2.50	16867.55	16870.05
Joint 3	44.83	16822.72	16867.55
Joint 4	44.83	16777.89	16822.72

**No burst sub/sleeve in shoe tract