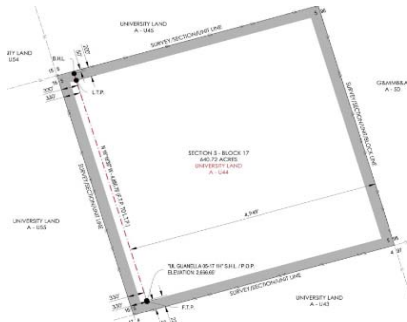


Surf Csg (13-3/8") @ 1220'
Circ to Surf



Est TOC (5-1/2") @ 3600'

Intermediate Csg (10-3/4") @ 5000'
Est TOC (10-3/4") @ 1800'

DV Tool @ 5236'

Pkr @ TBD'
SSMSN @ TBD'

EOT @ 0

Intermediate Csg (7-5/8") @ 10809'
Est TOC (7-5/8") @ 250'

KOP @ 10,834' Lateral @ 11,734'

Production Csg (5-1/2") @ 16351'

PBTD 16194'
TD @ 16361'
TVD 11349'

Burst Subs



WELL NAME: UL Guanella 05-17 1H
STATE: Texas
API NO: 42-475-37215
PBTD: 16,194'
TD: 16,361'

FIELD: Phantom (Wolfcamp)
COUNTY: Ward
SPUD DATE: 5/27/2017
TD DATE: 6/26/2017
CMPL DATE:

Well #: 4247500070 Permit #: 824506
SRF LOC: Sec 5, Blk 17, Surv UL; 225' FSL, 330' FWL
BHL: Sec 5, Blk 17, Surv UL; 75' FNL, 330' FWL
FORMATION: Lower Wolfcamp A
ELEVATION: 2667'; 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'	1220'	28	17.500"	1245'	1200	1.84 & 1.62	0'	Circ to Surf
Intermediate Csg	10-3/4"	J-55	BTC	45.50#	0'	5000'	118	12.250"	5115'	1010	2.47	1800'	Est
Intermediate Csg	7-5/8"	HCP110	BTC	29.70#	0'	10809'	240	9.875"	10824'	1130	2.8 & 1.4	250'	2 stg; Circ DV
Production Csg	5-1/2"	P110	GeoConn	23.00#	0'	16351'	371	6.750"	16361'	920	1.22	3600'	Est

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

Perforations:

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

TUBING/BHA Detail as of: 6/30/2017	ID (in)	OD (in)	Jts	Length (ft)	Depth (ft)	PUMP/ROD Detail as of: 6/30/2017	Rods	Length (ft)
KB Correction					0.00	KB Correction		
Tubing Hanger					0.00			
1 joint 2-7/8" tubing					0.00			
Tubing Sub					0.00			
Tubing Sub					0.00			
2-7/8" Production tubing					0.00			
X-Nipple					0.00			
1 joint 2-7/8" tubing					0.00			
On/Off Tool					0.00			
AS1-X Production Packer					0.00			
Tubing Sub					0.00			
XN-Nipple					0.00			
Tubing Sub					0.00			
Disc Sub/Muleshoe					0.00			
EOT (KB)					0.00	Note:	TOTAL	0

Updated by: hdahlgren
6/30/2017

SHOE TRACT

	Length	ID (in)	Top Depth (ft)	Bttm Depth (ft)
Reaming Shoe	2.85	N/A	16348.15	16351.00
Joint 1	38.27	4.670	16309.88	16348.15
Joint 2	44.65	4.670	16265.23	16309.88
Float Collar	1.80	N/A	16263.43	16265.23
Joint 3	44.63	4.670	16218.80	16263.43
Burst Sub 1	1.00	4.625	16217.80	16218.80
Pup Joint	22.06	4.670	16195.74	16217.80
Burst Sub 2	1.00	4.625	16194.74	16195.74
Joint 4	44.35	4.670	16150.39	16194.74