

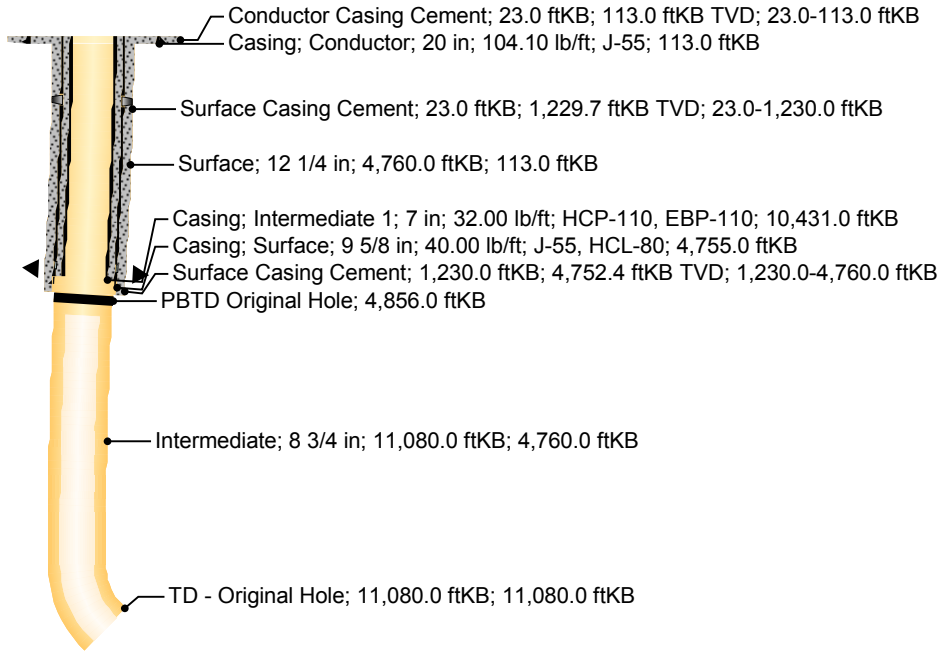


# Directional Wellbore Diagram - RRC

Well Name: UNIVERSITY BLK 18-3-14 WA5 1205H

API/UWI 4247537823	SAP Cost Center ID 2146751001	Permit Number 849564	State/Province Texas	County Ward		
Surface Location			Spud Date 8/12/2019 23:00	Original KB Elevation (ft) 2,724.00	Ground Elevation (ft) 2,701.00	KB-Ground Distance (ft) 23.00
Lease UNIVERSITY BLK 18-3-14 WA5						

Directional schematic (actual)



## Perforations

Top (ftKB)	Btm (ftKB)	Current Status

## Cement

Des	Top (ftKB)	Top Meas Meth	Class	Amount (sacks)
Surface Casing Cement	1,230.0	Calculated	C	2,727
Surface Casing Cement	23.0	Cement Returns	C	1,565
Surface Casing Cement	1,230.0	Calculated	C	464

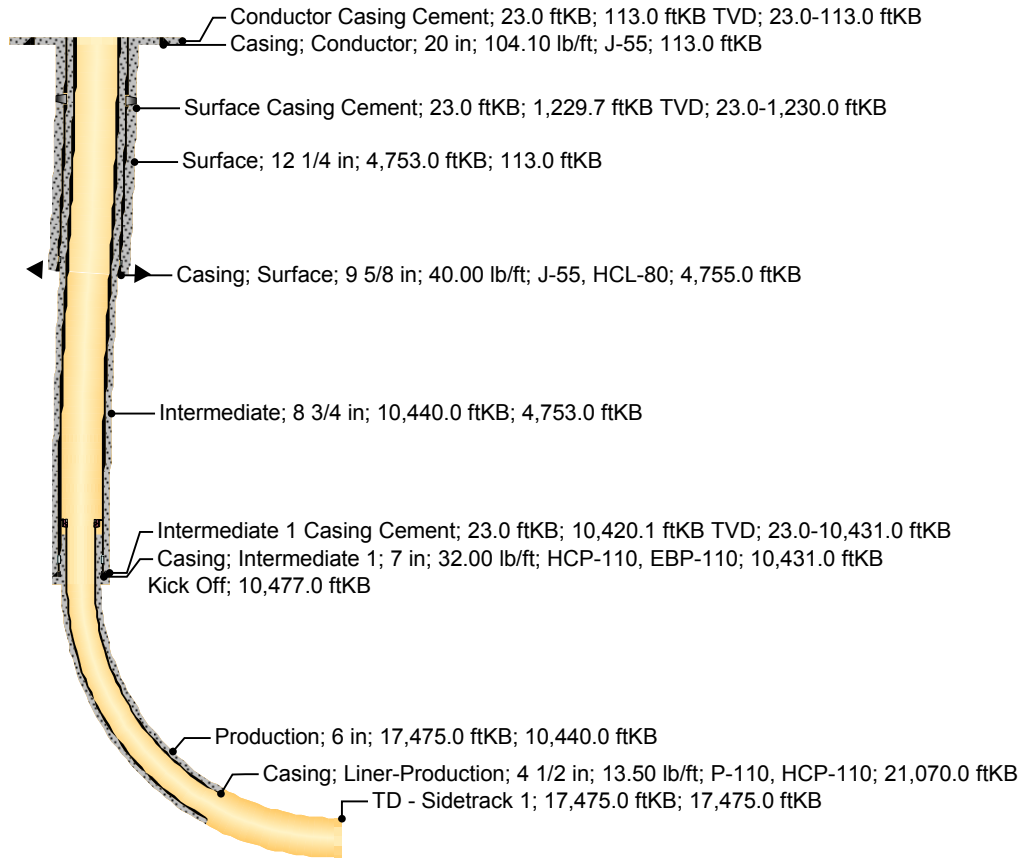


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Well Name: UNIVERSITY BLK 18-3-14 WA5 1205H

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Surface Location			Spud Date 8/12/2019 23:00	Original KB Elevation (ft) 2,724.00	Ground Elevation (ft) 2,701.00	KB-Ground Distance (ft) 23.00	Surface Casing Flange Elevatio...
Lease UNIVERSITY BLK 18-3-14 WA5							

Directional schematic (actual)



### Perforations

Top (ftKB)	Btm (ftKB)	Current Status

### Cement

Des	Top (ftKB)	Top Meas Meth	Class	Amount (sacks)
Intermediate 1 Casing Cement	23.0	Cement Returns	C	292
Intermediate 1 Casing Cement	23.0	Cement Returns	C	972
Intermediate 1 Casing Cement	23.0	Cement Returns	H	270

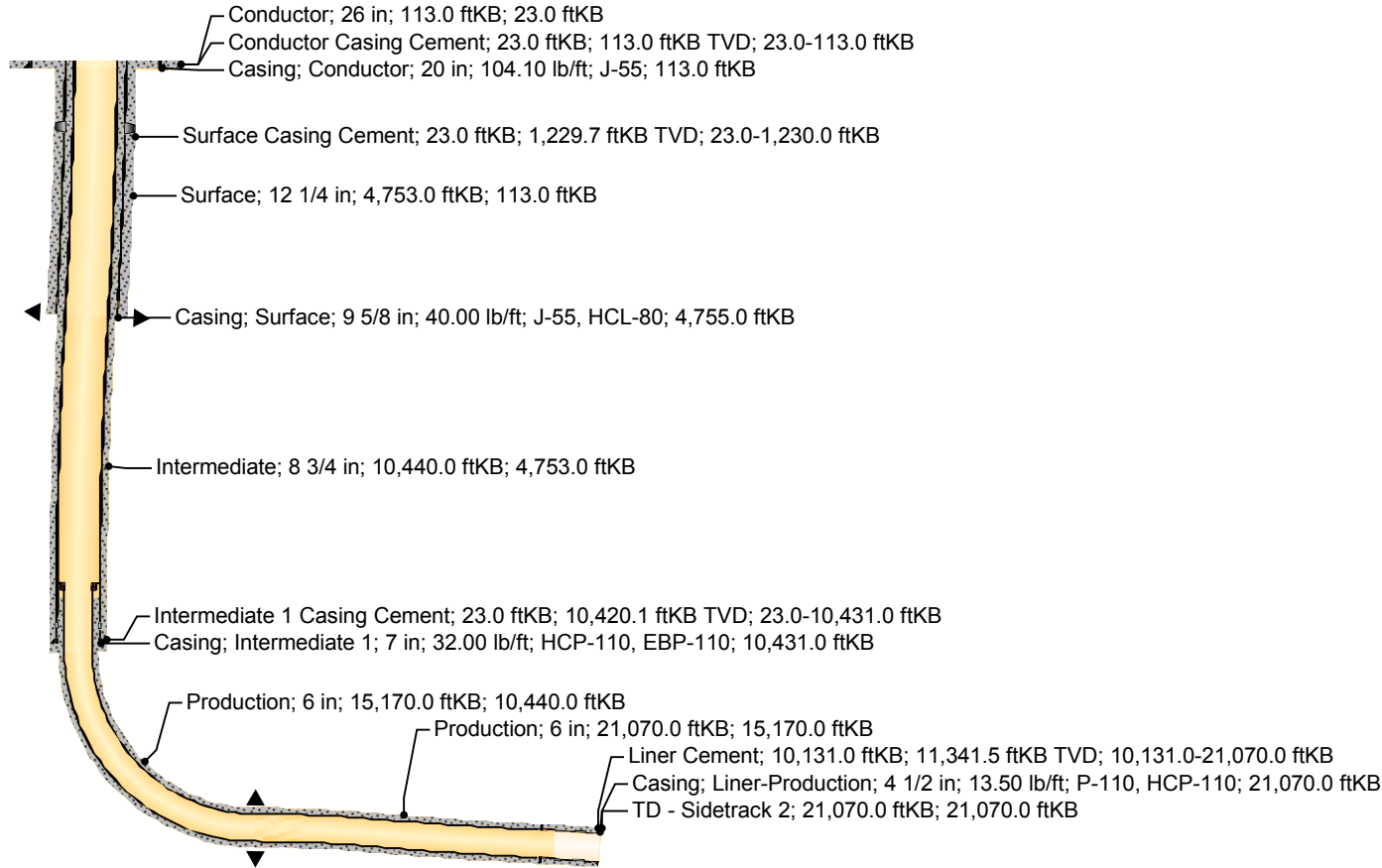


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API/UWI 4247537823	SAP Cost Center ID 2146751001	Permit Number 849564	State/Province Texas	County Ward		
Surface Location			Spud Date 8/12/2019 23:00	Original KB Elevation (ft) 2,724.00	Ground Elevation (ft) 2,701.00	KB-Ground Distance (ft) 23.00
Lease UNIVERSITY BLK 18-3-14 WA5						

Directional schematic (actual)



### Perforations

Top (ftKB)	Btm (ftKB)	Current Status

### Cement

Des	Top (ftKB)	Top Meas Meth	Class	Amount (sacks)
Liner Cement	10,131.0	Calculated	Other	
Liner Cement	10,131.0	Calculated	H	1,196