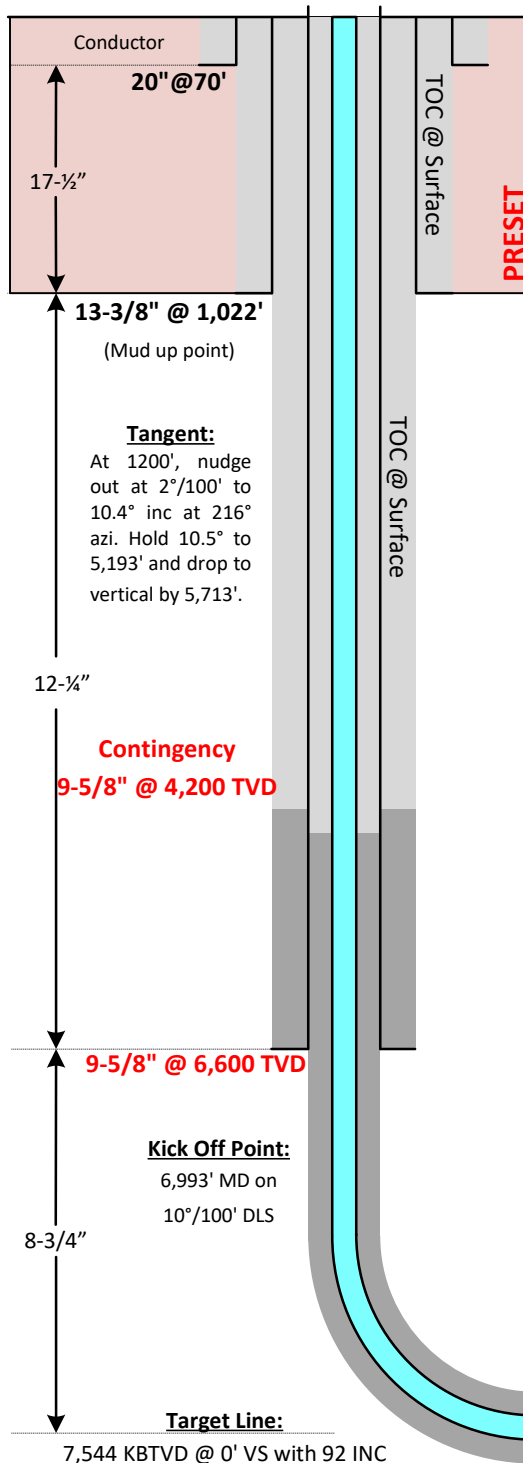




University 11 RE 932HA

County, State:	Field:	Location:	Formation:
Reagan, Texas	LIN (Wolfcamp)	Block 10, Sec 33	Wolfcamp Shale "B" Target
Directional: QES	SHL NAD 27: X: 1,634,531 Y:565,251	RKB/GL: 2,687' / 2,666'	AFE DC/CWC: \$2,430,179
Drilling Fluids: Baroid	BHL NAD 27: X: 1,633,886 Y:554,128	Drilling Engineer: Nick Goree	Property # 1421946
Cement: Crest	Target Line: 7,544 KBTVD @ 0' VS with 92 INC	Rig: Unit 407	AFE #:



Casing Design								
Interval	Hole size (in)	Size (in)	Weight #/ft	Grade	Conn.	Collapse (PSI)	Burst (PSI)	Depth (ft)
Conductor	24	20				-	-	40
Surface	17-1/2	13-3/8	54.5	J-55	BTC	1,130	2,730	1,022
Intermediate	12-1/4	9-5/8	40	J-55	LTC	2,570	3,950	0-4,200
Intermediate	12-1/4	9-5/8	40	HCL-80	LTC	3,220	5,750	4,200-6,600
Production	8-3/4	5-1/2	17	CYP-110	BTC	8,580	10,640	0-17,828

Formation	Est. KBTVD	Est. SS
Salado	883	1818'
Yates	1427	1274'
Seven Rivers	1591	1110'
Queen	2045	656'
Grayburg	2298	403'
San Andres	3036	-335'
Base-San Andres	3565	-864'
Upper Spraberry	5674	-2973'
Lower Spraberry	6172	-3471'
Jo-Mill Sand	6488	-3787'
Dean	6985	-4284'
Wolfcamp A	7132	-4431'
Wolfcamp B	7459	-4758'
WFMPB0_228_SH	7544	-4843'

Bit Program				
Interval	Size	Type	Make	Provider
Conductor	30"	Pre-set		
Surface	17-1/2"	Pre-set		
Intermediate	12-1/4"	PDC	MDI716	Smith
Curve/Lateral	8-3/4"	PDC	MM65D	SEC
Lateral	8-3/4"	PDC	PLdt613	PDCLogic

8-3/4" Curve & Lateral

5-1/2" Casing @ 17,827':
7,156' TVD / 11,107' VS

Drilling Fluids Information											
OIL BASED MUD INTERVAL											
Interval	Depth (MD)	Weight (#/gal)	Tau 0	PV (cps)	YP (#/100 ft ²)	HTHP (ml/30min)	ES	6 RPM	WPS ppm	OWR % by vol	LGS % by vol
Intermediate	1,022' - 6,600'	10	> 5	15 - 25	10 - 15	< 12	-	8-11	225K - 240K	Brine	< 5
Curve/Lateral	6,600' - 17,828'	9.5-10.0	> 8	15 - 25	10 - 12	< 12	300+	8-11	225K - 240K	70:30	< 5