



Casing Summary

Well Name SALADO DRAW WE 14 FED P7 004H		Lease SD 14 FED P7		Field Name JENNINGS		Business Unit Mid-Continent	
Ground Elevation (ft) 3,165.00	Original RKB (ft) 3,197.60	Current RKB Elevation 3,197.60, 3/28/2016				Mud Line Elevation (ft)	Water Depth (ft)

Conductor, Planned?-N, 112ftKB

Set Depth (MD) (ftKB) 112		Set Tension (kips)		String Nominal OD (in) 20		String Min Drift (in) 18.187		Centralizers		Scratchers	
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Top Depth (MD) (ftKB)	Btm Depth (MD) (ftKB)	Len (ft)	P Burst (psi)	P Collapse (psi)
3	Casing Joint	20	19.125	169.00	K-55		38	112	74.00	3,380.0	2,500.0

Surface, Planned?-N, 830ftKB

Set Depth (MD) (ftKB) 830		Set Tension (kips)		String Nominal OD (in) 13 3/8		String Min Drift (in)		Centralizers 9		Scratchers	
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Top Depth (MD) (ftKB)	Btm Depth (MD) (ftKB)	Len (ft)	P Burst (psi)	P Collapse (psi)
1	FMC UH-2 Wellhead	19	12.615	54.50	J-55	ST&C	34	37	2.88		1,130.0
1	Casing Pup Joint	13 3/8	12.615	54.50	J-55	ST&C	37	41	4.05		1,130.0
18	Casing Joint	13 3/8	12.615	54.50	J-55	ST&C	41	785	743.61		1,130.0
1	Float Collar	13 3/8	12.615	54.50	J-55	ST&C	785	786	1.50		1,130.0
1	Casing Joint	13 3/8	12.615	54.50	J-55	ST&C	786	828	42.02		1,130.0
1	Shoe	13 3/8	12.615	54.50	J-55	ST&C	828	830	1.80		1,130.0

Intermediate Casing 1, Planned?-N, 4,557ftKB

Set Depth (MD) (ftKB) 4,557		Set Tension (kips)		String Nominal OD (in) 9 5/8		String Min Drift (in)		Centralizers 29		Scratchers	
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Top Depth (MD) (ftKB)	Btm Depth (MD) (ftKB)	Len (ft)	P Burst (psi)	P Collapse (psi)
1	Wellhead Joint	9 5/8	8.835			LT&C	34	35	1.20		
3	Casing Pup Joint	9 5/8	8.835	40.00	HCK-55	LT&C	35	55	19.65		
10 6	Casing Joint	9 5/8	8.835	40.00	HCK-55	LT&C	55	4,469	4,414.09		4,230.0
1	Float Collar	9 5/8	8.835			LT&C	4,469	4,471	1.49		
2	Casing Joint	9 5/8	8.835	40.00	HCK-55	LT&C	4,471	4,555	84.64		4,230.0
1	Float Shoe	9 5/8	8.835			LT&C	4,555	4,557	1.64		

Production Casing, Planned?-N, 13,800ftKB

Set Depth (MD) (ftKB) 13,800		Set Tension (kips)		String Nominal OD (in) 5 1/2		String Min Drift (in) 4.656		Centralizers 47		Scratchers	
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Top Depth (MD) (ftKB)	Btm Depth (MD) (ftKB)	Len (ft)	P Burst (psi)	P Collapse (psi)
1	Casing Hanger	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	32	33	1.14	12,360.0	11,100.0
1	Casing Pup Joint	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	33	38	4.21	12,360.0	11,100.0
18 1	Casing Joint	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	38	7,540	7,502.02	12,360.0	11,100.0
1	Spacer Joint	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	7,540	7,549	9.61	12,360.0	11,100.0
24	Casing Joint	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	7,549	8,537	987.32	12,360.0	11,100.0
1	Marker Joint	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	8,537	8,547	10.25	12,360.0	11,100.0
12 3	Casing Joint	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	8,547	13,628	5,081.45	12,360.0	11,100.0
1	Casing Pup Joint	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	13,628	13,638	9.80	12,360.0	11,100.0
1	RSI Toe Sleeve	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	13,638	13,645	6.60	12,360.0	11,100.0
1	Casing Pup Joint	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	13,645	13,654	9.81	12,360.0	11,100.0
1	Casing Joint	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	13,654	13,695	40.83	12,360.0	11,100.0
1	Casing Pup Joint	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	13,695	13,706	10.23	12,360.0	11,100.0
1	Landing Collar	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	13,706	13,707	1.42	12,360.0	11,100.0
1	Casing Joint	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	13,707	13,750	42.87	12,360.0	11,100.0
1	Float Collar	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	13,750	13,752	2.42	12,360.0	11,100.0
1	XRV Vibrator Tool	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	13,752	13,754	2.22	12,360.0	11,100.0
1	Casing Joint	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	13,754	13,797	42.88	12,360.0	11,100.0
1	Float Shoe	5 1/2	4.781	20.00	HCP-110	TXP-BTC-S	13,797	13,800	2.68	12,360.0	11,100.0