

	WELL TYPE: HORIZONTAL UBD	TBG VOL TO PERFS: 265 BBL	SWAB: 94 FT BDF
	DATE SPUNDED: 09/Sep/2000	ANNULUS VOLUME: 479 BBL	MSL: KOP:
	FIRST COMPLETED: 09/Dec/2000	ANNULUS FLUID: POTASSIUM FORMATE	HUD: KOP:
	WORKOVER DATE:	ANNULUS FLUID WT: 515 PPTF	MAX DOGLEG: AT
DRILLING FLUID:	TUBING FLUID: PRODUCED GAS	MAX DEV: AT	
MUD WEIGHT: 440 PPTF	TUBING WEIGHT: AT	MINIMUM I.D.: AT	
WEIGHT MATERIAL: POTASSIUM FORMATE BRINE	TUBING VOLUME: 265 BBL		

WELLHEAD DATA					TUBING DATA					
MAKER	TYPE	BORE (in)	FLANGES (in)	RATING (psi)	SIZE (in)	JOINTS	WT (lb/ft)	GRADE	THREAD TYPE	CLAMPS
XMAS TREE WELLHEAD CSG HEAD HSG TUBING HANGER	CAMERON	FLS	RX 46 5K RX 24	5K 5K						

DEPTH AHDBDF	DEPTH AHDBSV	DEPTH TVDBDF	INCL (°)	DIAGRAM	DESCRIPTION	MIN ID (in)	MAX OD (in)	DRIFT (in)	COMMENTS
7	101	7			(9-5/8" x 5-1/2") CAMERON "SSMC" TUBING HANGER	4.787	13.293	4.545	C/W AVA "BPV" PROFILE 4.850" C/W 5-1/2" NK 3SB BOX
					(5-1/2") NK 3SB PUP JOINT 23LB / FT 10 FT L-80 13% Cr	4.670	5.500	4.545	PIN x PIN
					(5-1/2") NK 3SB TUBING 23LB / FT L-80 13% Cr	4.670	6.150	4.545	
					(5-1/2") NK 3SB PUP JOINT 23LB / FT 10 FT L-80 13% Cr	4.670	5.500	4.545	
987	1081	984	8.27		(5-1/2") HALLIBURTON "SP" TUBING RETRIEVABLE SAFETY VALVE 13% Cr	4.437	7.990	4.437	
					(5-1/2") NK 3SB PUP JOINT 23LB / FT 10 FT L-80 13% Cr	4.670	5.500	4.545	
					(5-1/2") LONG TUBING N-80	123	456	789	
					(5-1/2") NK 3SB PUP JOINT 23LB / FT 10 FT L-80 13% Cr	4.670	5.500	4.545	
					(5-1/2" x 4-1/2") NK 3SB CROSSOVER 13% Cr	3.920	5.000	3.833	
					(4-1/2") NK 3SB PUP JOINT 13.5LB / FT 10 FT L-80 13% Cr	3.920	5.000	3.833	
					(7") TOP OF LINER				
					(9-5/8") VAM TOP CASING SHOE 53.5LB / FT ST95				
					(4-1/2") NK 3SB TUBING 13.5LB / FT L-80 13% Cr	3.920	5.000	3.833	
					(4-1/2") NK 3SB PUP JOINT 13.5LB / FT 10 FT L-80 13% Cr	3.920	5.000	3.833	
				(4-1/2") HALLIBURTON DURASLEEVE SLIDING SLEEVE	3.688	5.570	3.688	NO-GO - 3.770"	
				(4-1/2") NK 3SB PUP JOINT 13.5LB / FT 10 FT L-80 13% Cr	3.920	5.000	3.833		
				(4-1/2") NK 3SB PUP JOINT 13.5LB / FT 10 FT L-80 13% Cr	3.920	5.000	3.833	PIN x BOX	
				(4-1/2" x 5") NK 3SB CROSSOVER	3.920	5.000	3.833		
				HALLIBURTON PBR 10 FT STROKE 13% Cr	3.852	5.875	3.833		
				HALLIBURTON PREMIUM SEAL UNIT	3.852	5.619	3.833		
				HALLIBURTON ANCHOR 13% Cr	3.881	5.290	3.833		
				(7") HALLIBURTON "MHR" PACKER 13% Cr	3.875	5.875	3.833		
				MILLOUT EXTENSION					
				(5" x 4-1/2") NK 3SB CROSSOVER					
				(4-1/2") NK 3SB PUP JOINT 13.5LB / FT 5 FT L-80 13% Cr	3.920	5.000	3.833		
				(4-1/2") HALLIBURTON "RP1" LANDING NIPPLE	3.562	5.000	3.562		
				(4-1/2") NK 3SB PUP JOINT 13.5LB / FT 3 FT L-80 13% Cr	3.920	5.000	3.833		
				FLUTED NO-GO SUB 13% Cr	3.920	5.750	3.833		
				(4-1/2") BAKER "AOF" SEATING NIPPLE	3.437	5.000	3.437		
				(4-1/2") NK 3SB PUP JOINT 13.5LB / FT 3 FT L-80 13% Cr	3.920	5.000	3.833		
				(4-1/2") WIRELINE ENTRY GUIDE 13% Cr	3.920	5.000	3.833		
				(7") VAM TOP HT LINER SHOE 32LB / FT L80					
				(6") OPEN HOLE TD					

CASING & LINER DATA										LOG DATA						
SIZE	WT (LB/FT)	GRADE	CONNECTION	TOP		BOTTOM		TOP OF CEMENT		EMMG	MAASP	RUN	LOG	TOP	BTM	DATE
				AHDBDF	TVDBDF	AHDBDF	TVDBDF	AHDBDF	TVDBDF							
20	203	X52		497	497	497	497	102	102	900	1835	2-5	MWD - GR	2300	10953	22/09-
13-3/8	68	N-80	DINO VAM	102	102	2320	2246	102	102			6	SPIN +	2357	11040	12/10/00
9-5/8	53.5	ST95	VAM TOP	102	102	11006	6793	4928	4928			7-9	MWD - GR	10953	13359	18/10-
7	32	L-80	VAM TOP	10485	6793	13445	7874	10485	6529				SPIN +	11040	13450	21/10/00
OPEN HOLE				13445	7874	14330	8244						MWD - GR	13454	14268	07/11-
													VPWD	13454	14268	17/11/00

DEPTH AHDBDF	DEPTH TVDBDF	INCL (°)	CASING DIAGRAM	LITHOLOGY DIAGRAM	DEPTH AHDBDF	DEPTH TVSS	
102	102			SEA LEVEL	258		
497	497			13-3/8 TOP OF CEMENT	SEA BED	520	88
				20 203 LB/FT X52	JURASSIC		
					LIASSIC	1928	
					RHAETIC	2255	
2320	2246			13-3/8 68 LB/FT N-80 DINO VAM	TRITON	3133	2016
					KEUPER ANHYDRITIC	4005	3130
					LOWER KEUPER C.STONE	5244	3713
4928	3659			9-5/8 TOP OF CEMENT	MUSCHELKALK HALITE	5616	3897
					MID DOWSING C.STONE	6470	4333
					ROT HALITE	6892	4535
					LOWER ROT C.STONE	6952	4546.3
					BUNTER SANDSTONE	8799	5458
					ROGENSTEIN	9585	5875
10485	6793		7 TOP OF LINER	BUNTER SHALE	10728	6481	
10485	6529		7 TOP OF CEMENT	BROCKLESCHIEFER	10903	6569	
11006	6793		9-5/8 53.5 LB/FT ST95 VAM TOP	ALLER HALITE	11602	6901	
				HAUPT ANHYDRITE	11710	6952	
				PLATTEN DOLOMITE	12071	7109	
				GREY SALT CLAY DECK ANHYDRITE	12080	7113	
				STASSFURT HALITE	13113	7559	
13445	7874		7 32 LB/FT L-80 VAM TOP	BASAL ANHYDRITE	13121	7563	
				HAUPT DOLOMITE	13317	7647	
				WERRA ANHYDRITE	13510	7727	
				ZECHSTEINKALK	13550	7744	
				ROTLEGEND	14330	8072	