

Schlumberger

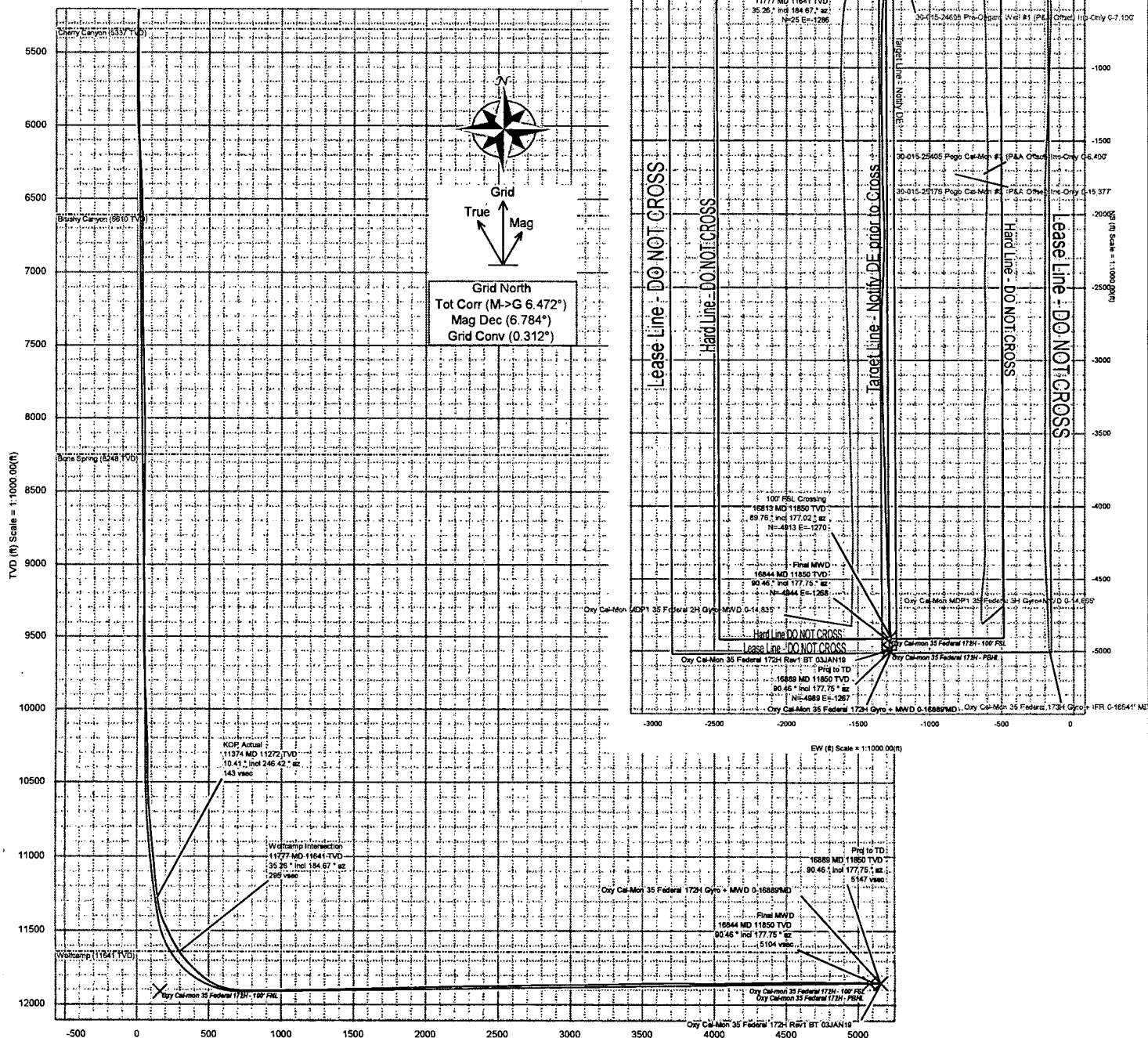
OXY



Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Cal-Mon 35 Federal 172H	NM Eddy County (NAD 83)	Oxy Cal-Mon 35 Federal 172H

Gravity & Magnetic Parameters				Surface Location				Miscellaneous			
Model: IFR1	Dip: 59.981°	Date: 11-Mar-2019		Lat: N 32 16 2.74	Northings: 461516.187US	Grid Conv: 0.3125°		Slot: Oxy Cal-Mon 35 Federal 172H	TVD Ref: RKB(3488.8ft above NSL)		
MagDec: 6.784°	FS: 47998.7nT	Gravity FS: 988.446mgm (8.80665 Based)		Lon: W 103 44 52.61	Eastings: 722256.087US	Scale Fact: 0.89994658		Plan: Oxy Cal-Mon 35 Federal 172H Gyro + MWD 0-16889' MD			

Critical Points									
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)S(-)	E(+)W(-)	DLS	
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SHL	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00	
Last Gyro	816.75	0.67	204.37	816.70	8.07	-8.16	-0.66	0.31	
KOP Actual	11374.00	10.41	246.42	11272.50	143.48	170.08	-1239.01	0.34	
100' FNL Crossing	11380.00	10.60	243.49	11278.40	144.18	169.61	-1240.00	9.47	
Wobamp Intersection	11777.31	35.26	184.67	11641.00	295.47	25.20	-1285.93	10.90	
100' FSL Crossing	16812.50	89.76	177.02	11850.22	5073.96	-4912.51	-1269.79	3.21	
Final MWD	16844.00	90.46	177.75	11850.16	5104.08	-4943.98	-1268.36	3.21	
Prq to TD	16889.00	90.46	177.75	11849.79	5147.19	-4988.94	-1266.58	0.00	



Vertical Section (ft) Azim = 194.40° Scale = 1:1000.00(ft) Origin = ON-S, 0E-AW

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
		1	26.500	816.750	Act Strs	30.000	30.000	NAL_NSG+MSHOT			Original Borehole / Oxy Cal-Mon 35 Federal 172H Gyro + MWD 0-	
		1	816.750	11076.000	Act Strs	30.000	30.000	NAL_MWD_IFR1+MS			Original Borehole / Oxy Cal-Mon 35 Federal 172H Gyro + MWD 0-	
		1	11076.000	11230.000	Act Strs	30.000	30.000	SLB_MWD-POOR			Original Borehole / Oxy Cal-Mon 35 Federal 172H Gyro + MWD 0-	
		1	11230.000	11659.000	Act Strs	30.000	30.000	NAL_MWD_PLUS_0.5_DEG			Original Borehole / Oxy Cal-Mon 35 Federal 172H Gyro + MWD 0-	
		1	11659.000	16889.000	Act Strs	30.000	30.000	NAL_MWD_IFR1+MS			Original Borehole / Oxy Cal-Mon 35 Federal 172H Gyro + MWD 0-	