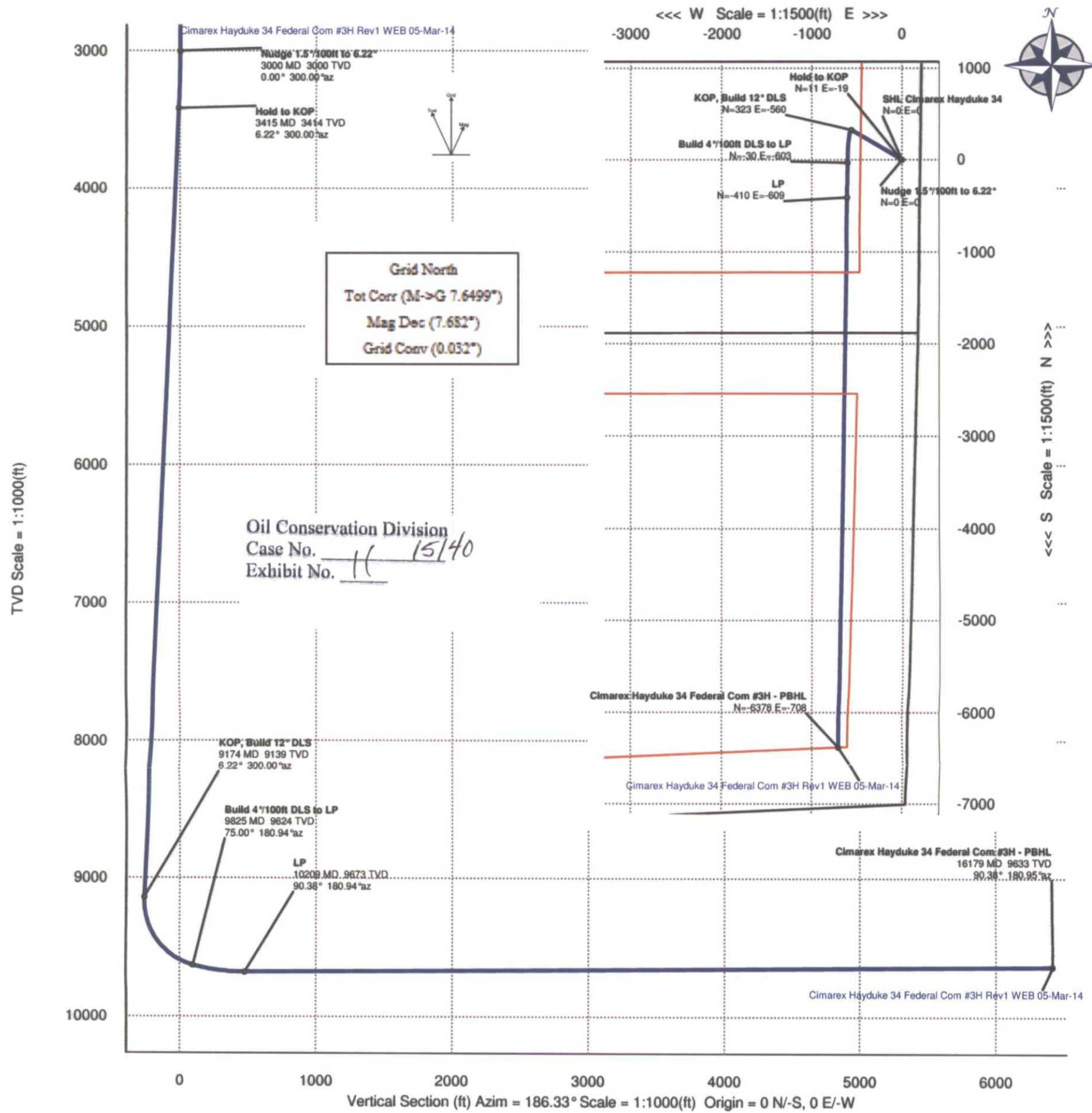




WELL	Hayduke 34 Federal Com #3H	FIELD	NM Eddy County (NAD 83)	STRUCTURE	TBD
Magnetic Parameters	Model: BGGM 2013	Dip: 59.849°	Date: February 28, 2014	Surface Location	NAD83 New Mexico State Plane, Eastern Zone, US Feet
	Mag Dec: 7.682°	FS: 48155.1nT		Lat: N 32 5 3.116	Northing: 394373.80 NUS
				Lon: W 104 16 22.548	Easting: 560044.70 NUS
				Grid Conv: 0.032°	Scale Fact: 0.99990949
Miscellaneous	Slot: Hayduke 34 Federal Com #3H(TVD Ref: Ground(3364ft above))	Plan: Rev1 WEB 05-Mar-14	Srvy Date: February 28, 2014		



Critical Points								
Critical Point MD	INCL	AZIM	TVD	VSEC	N(+) / S(-)	E(+) / W(-)	DLS	
SHL Cimarex Hayduke 34 Federal Com #3H	0.00	0.00	300.00	0.00	0.00	0.00		
Nudge 1.5°/100ft to 6.22°	3000.00	0.00	300.00	3000.00	0.00	0.00	0.00	0.00
Hold to KOP	3414.80	6.22	300.00	3413.99	-9.03	11.25	-19.49	1.50
KOP, Build 12° DLS	9173.79	6.22	300.00	9139.05	-259.62	323.33	-560.03	0.00
Build 4°/100ft DLS to LP	9824.50	75.00	180.95	9624.23	95.92	-29.67	-602.54	12.00
LP	10209.12	90.38	180.95	9673.00	474.60	-409.97	-608.82	4.00
Cimarex Hayduke 34 Federal Com #3H - PBHL	16178.59	90.38	180.95	9633.00	6417.62	-6378.49	-707.57	0.00