CIMAREX

Cimarex

PATHFINDER
A Schlumberger Company

WELL	FIELD	STRUCTURE
Chaparral 33 Federal Com #4H	NM Lea County	ScanDrill Eagle

Magnetic Parameters				Surface Location				Miscellaneous			
Model: BGGM 2013	Dip: 60.499°	Date: July 01, 2013		Lat: N 32 37 23.135	Northing: 391271.90 ftUS	Grid Conv: 0.415°		Slot: Chaparral 33 Federal Com #4HTVD Ref: RKB(3716ft above MSL)			
	Mag Dec: 7.466°	FS: 48644.2nT		Lon: W 103 33 46.323	Easting: 778546.50 ftUS	Scale Fact: 0.99997353		Plan: Rev1 RJS 22-Jul-13		Srvy Date: July 01, 2013	

NAD83 New Mexico State Plane, Eastern Zone, US Feet

Grid North
Tot Corr (M->G 7.0507°)
Mag Dec (7.466°)
Grid Conv (0.415°)

Legend

Cimarex Chaparral 33 Federal Com #4H-BH Lateline

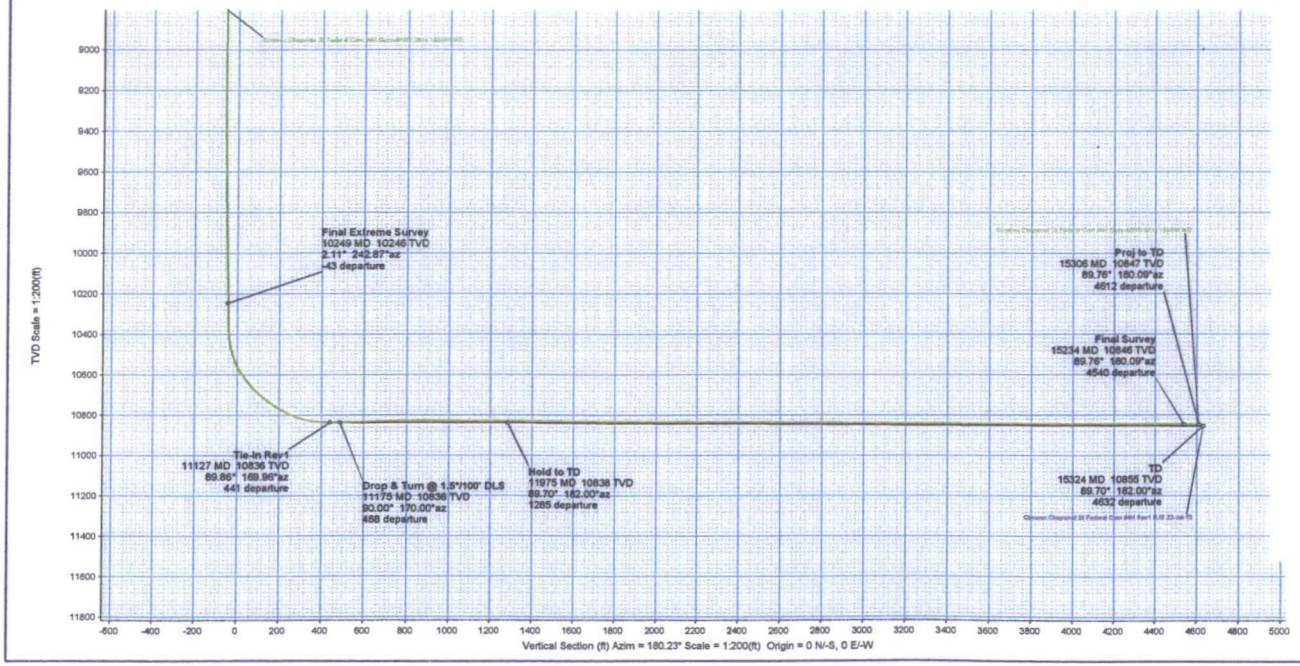
Cimarex Chaparral 33 Federal Com #4H-BH 330' HL

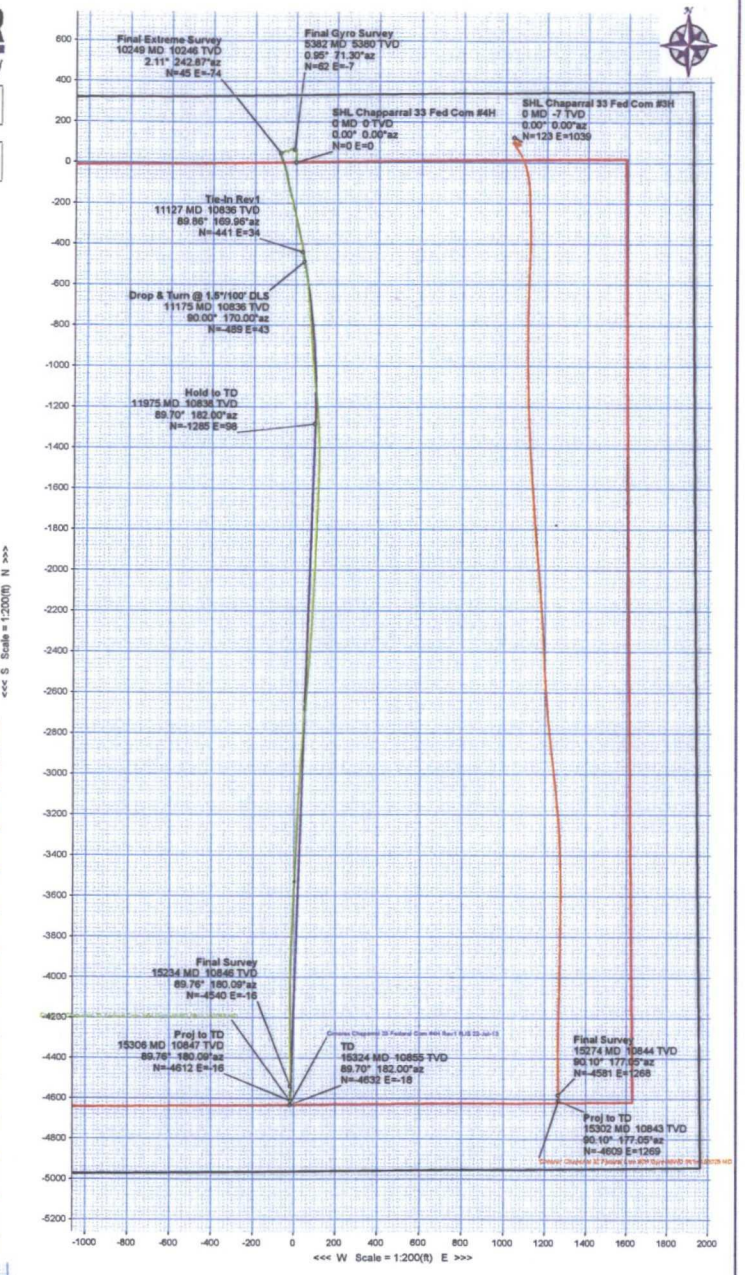
Cimarex Chaparral 33 Federal Com #4H Rev1 RJS 22-Jul-13

Cimarex Chaparral 33 Federal Com #4H Gyro+MWD 0ft to 15306ft MD

Cimarex Chaparral 33 Federal Com #3H Gyro+MWD 0ft to 15302ft MD

Oil Conservation Division
Case No. 15034
Exhibit No. 9





Drawn By: R. Schneider
Date Created: July 22, 2013 10:57:38 AM
Checked By:
Checked Date:
Approved By:
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