30 015 43417

CONCHO

Section Details

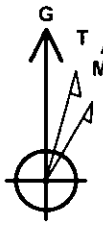
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	2354.70	0.00	0.00	2354.70	0.00	0.00	0.00	0.00	0.00	
3	3177.43	90.50	160.44	2875.55	-495.10	175.91	11.00	160.44	499.22	
4	3914.43	90.50	182.55	2869.07	-1219.45	284.22	3.00	89.91	1225.99	
5	7615.58	90.50	182.55	2837.08	-4916.80	119.50	0.00	0.00	4918.25	BHL (BY11F #11H/L1)

WELL DETAILS: SHL: 120' FNL, 170' FWL, Sec 11, T20S, R25E, Unit D

Ground Elevation:: 3391.00
RKB Elevation: KB @ 3409.00usft (Silver Oak 3)
Rig Name: Silver Oak 3

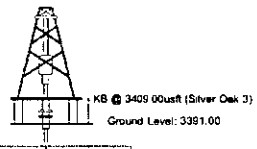
Northing	Easting	Latitude	Longitude
580155.40	460056.30	32° 35' 41.588 N	104° 27' 46.910 W

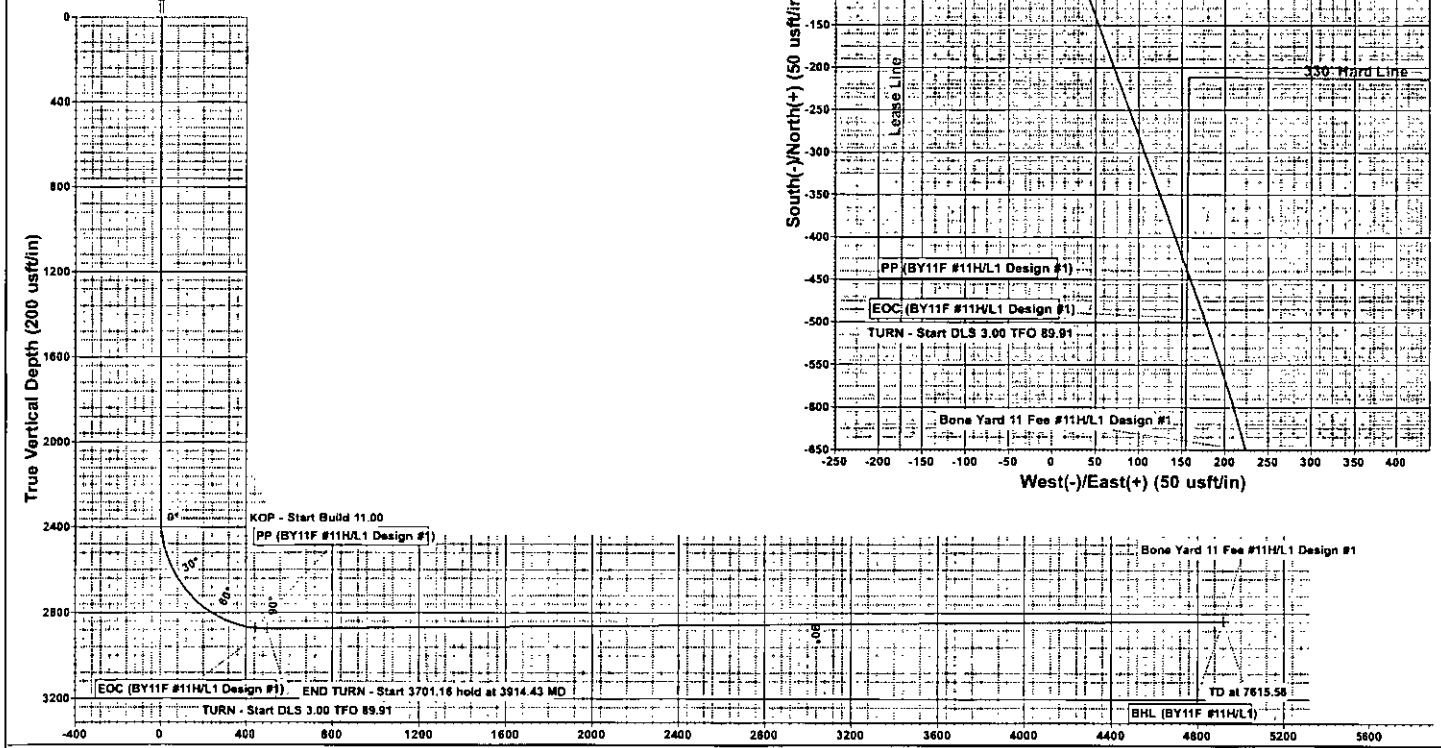
COG Operating LLC
Project: Eddy County, NM (NAD-27 2015)
Site: Bone Yard 11 Fee #11H
Well: SHL: 120' FNL, 170' FWL, Sec 11, T20S, R25E, Unit D
Wellbore: BHL: 330' FSL, 330' FWL, Sec 11, T20S, R25E, Unit M
Plan: Design #1 (SHL: 120' FNL, 170' FWL, Sec 11, T20S, R25E, Unit D/BHL: 330' FSL, 330' FWL, Sec 11, T20S, R25E, Unit M)

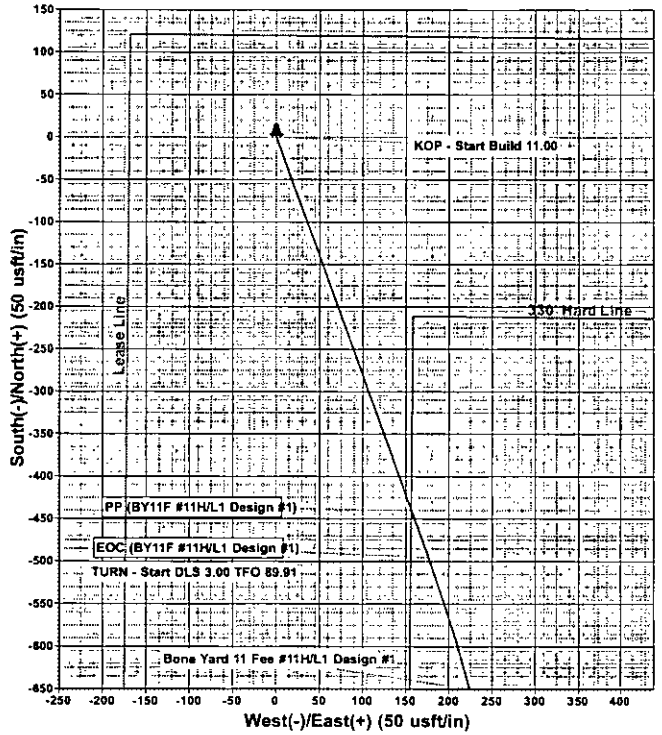


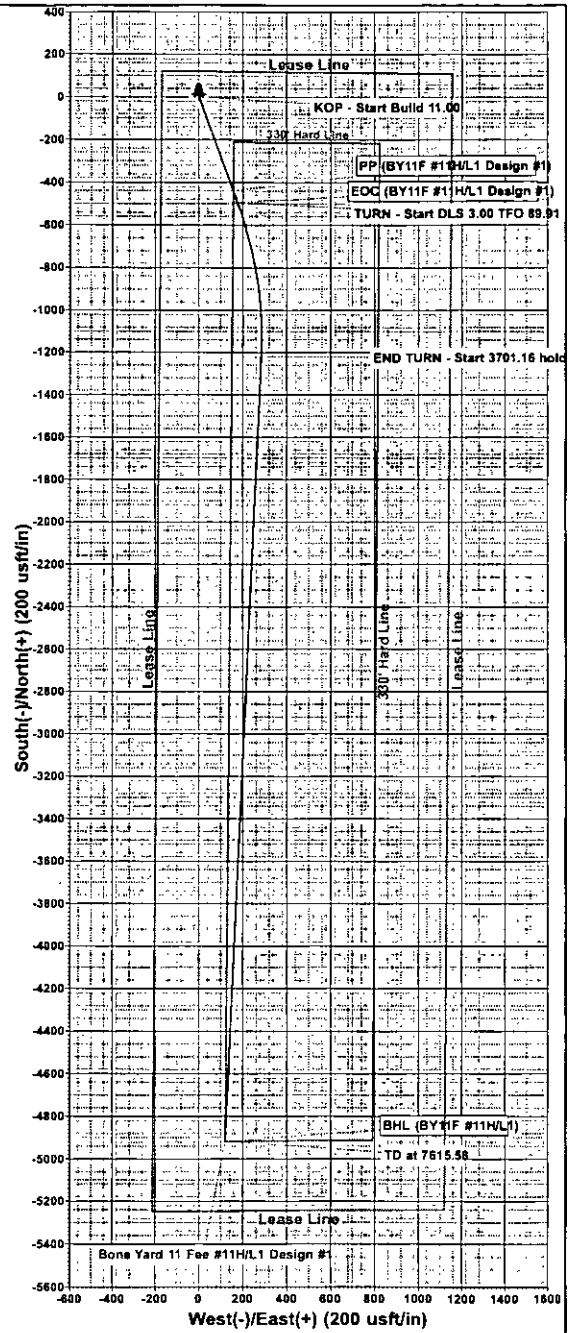
Azimuths to Grid North
True North: 0.07°
Magnetic North: 7.62°

Magnetic Field
Strength: 48217.2snT
Dip Angle: 60.27°
Date: 12/11/2015
Model: IGRF2015









TDS
Terra Directional Services LLC
322 Spring Hill Drive, Suite A300, Spring, Tx 77386
Phone: 432-425-7532

PROJECT DETAILS: Eddy County, NM (NAD-27 2015)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level
Local North: Grid