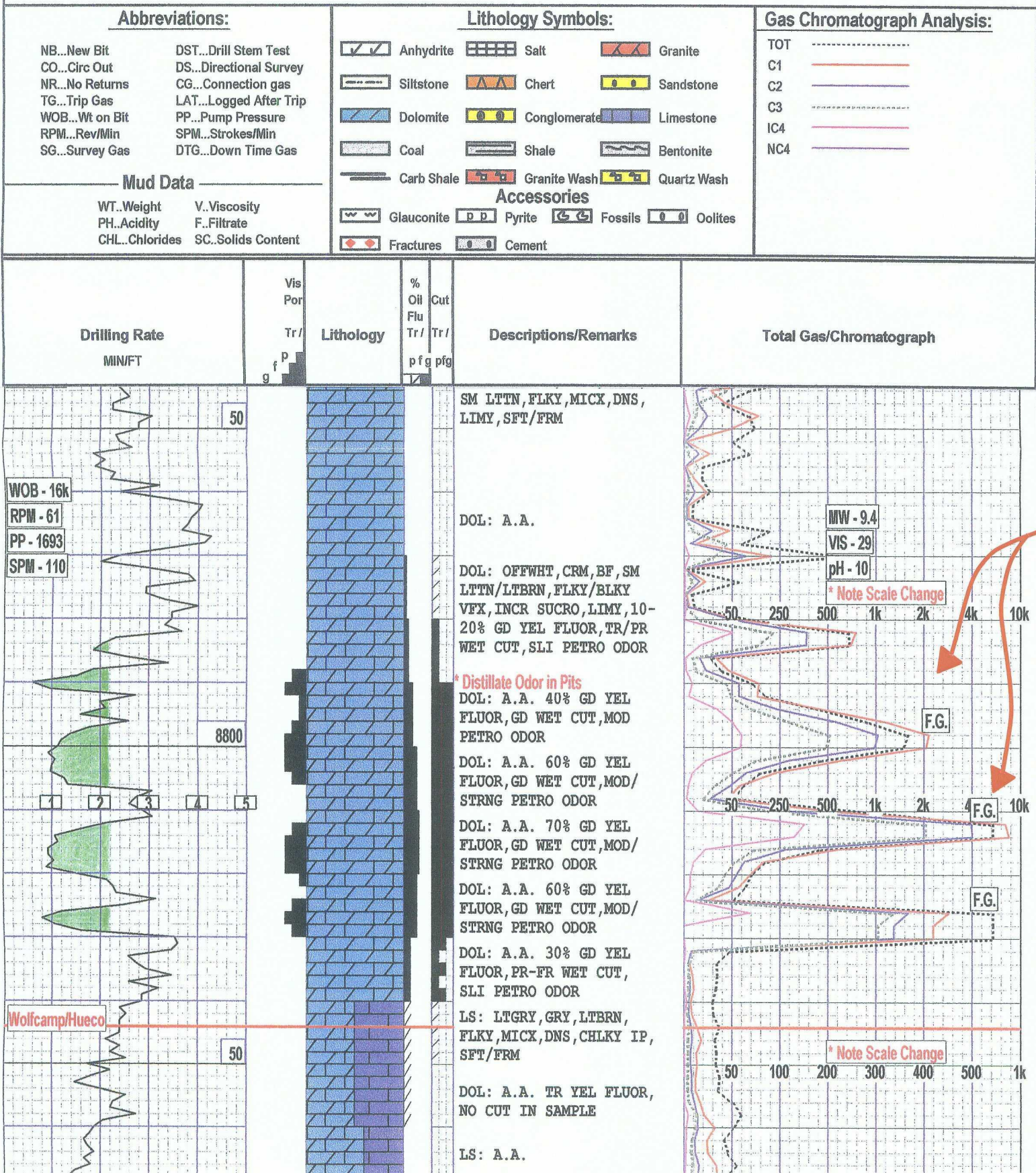


Zia Geological

P.O. Box 554, Artesia, NM 88211
(505) 937-1460 (505) 937-1567

COMPANY: Cimarex Energy Co. WELL: Enterprise 11 State Com #2
FIELD: Caprock COUNTY: Chaves STATE: NM
LOCATION: 2310' FNL, 330' FWL
Sec. 11, 15s-31e
Interval Logged: 3000' To: _____ G.L.: _____ K.B.: _____
Date Logged: 10/8/08 To: _____ Spud Date: 10/4/08
Rig: Patriot Drilling Co. Unit No.: 4 TD 13,209' (4600'+ lateral)
Loggers: Jared M. King
Api No.: 30-005-28003
Filename: Enterprise11StateCom2.mlw Pilot hole mudlog
Geologist: Chris Cuyler



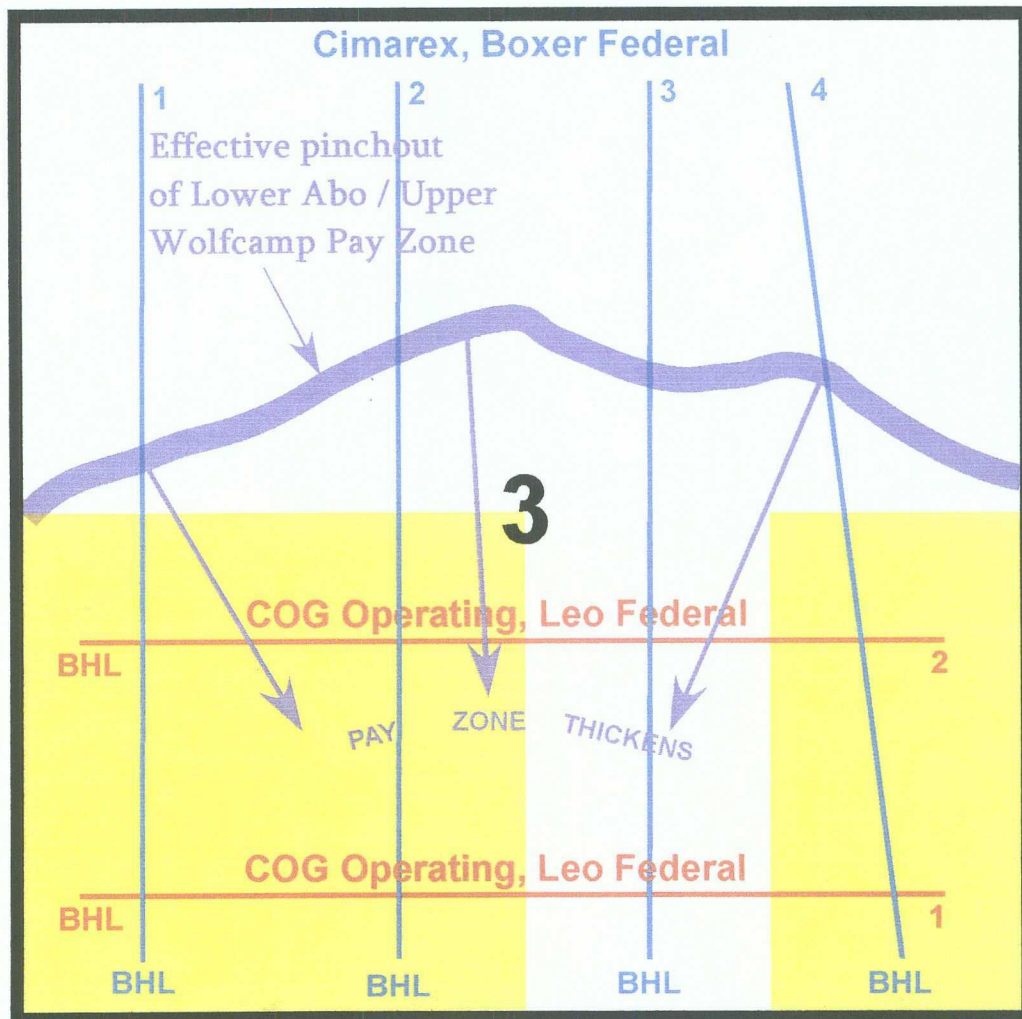
Pilot Hole

There is 32 ft. of drilling break with good mudlog shows through the L/Abo-Wolfcamp Pay interval

89% of the lateral had mudlog shows it has produced 60 MBO+ 64 MMCF in 14 mos.

The Marshall Winston, Caprock 35 St. #1 had only 5.7% of the lateral with poor mudlog Shows & was P&A'd.

T15S-31E



COG's two Leo Federal locations are much better positioned to effectively drain the Lower Abo / Upper Wolfcamp reservoir and prevent waste.