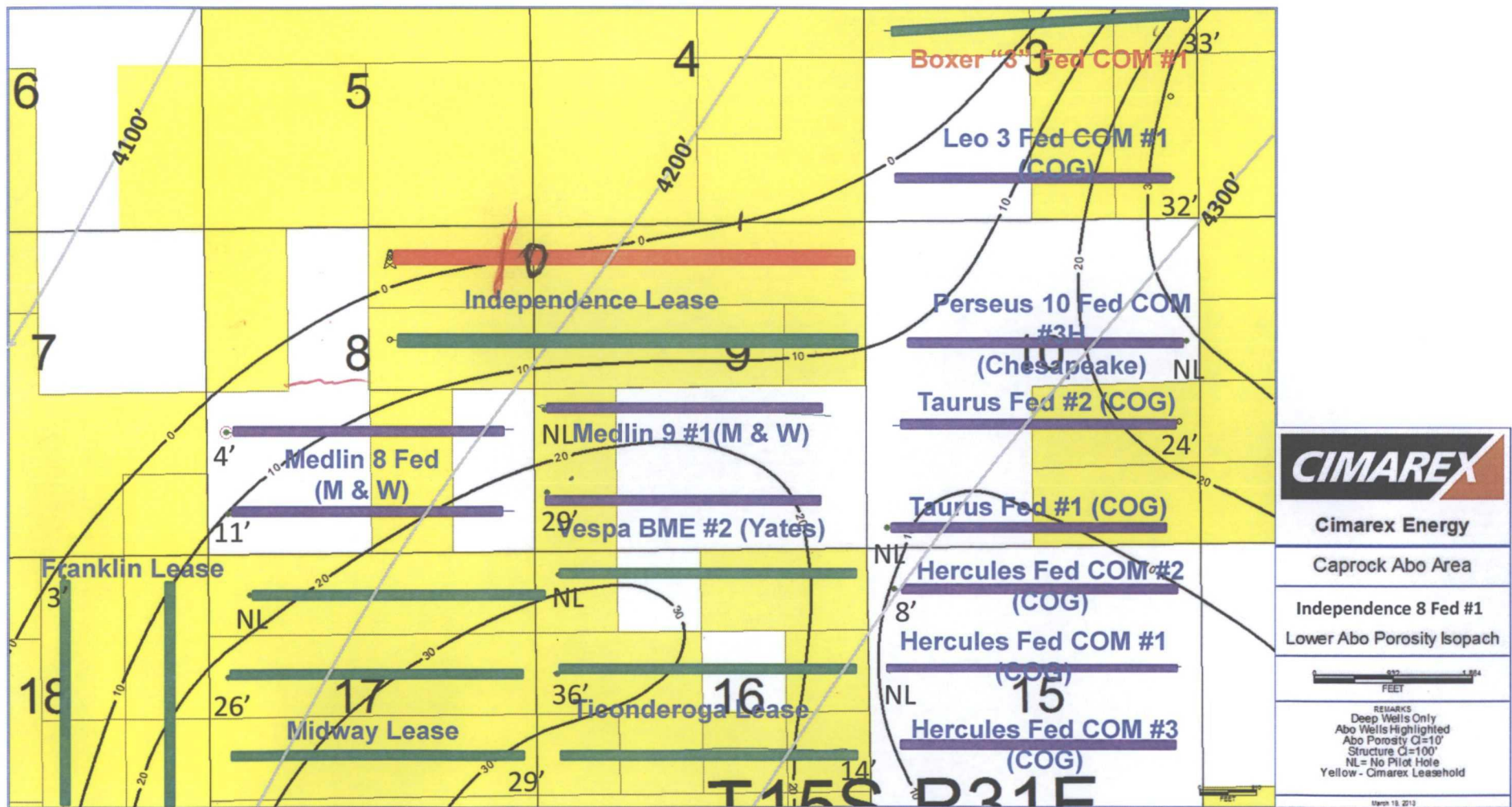




Oil Conservation Division
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W

E

29078
MARSHALL & WINSTON INC
MEDLIN 8 FEDERAL COM
1

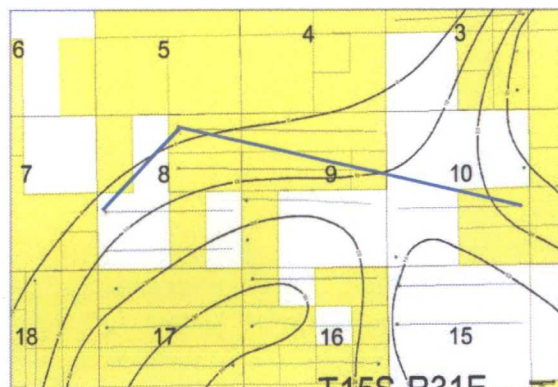
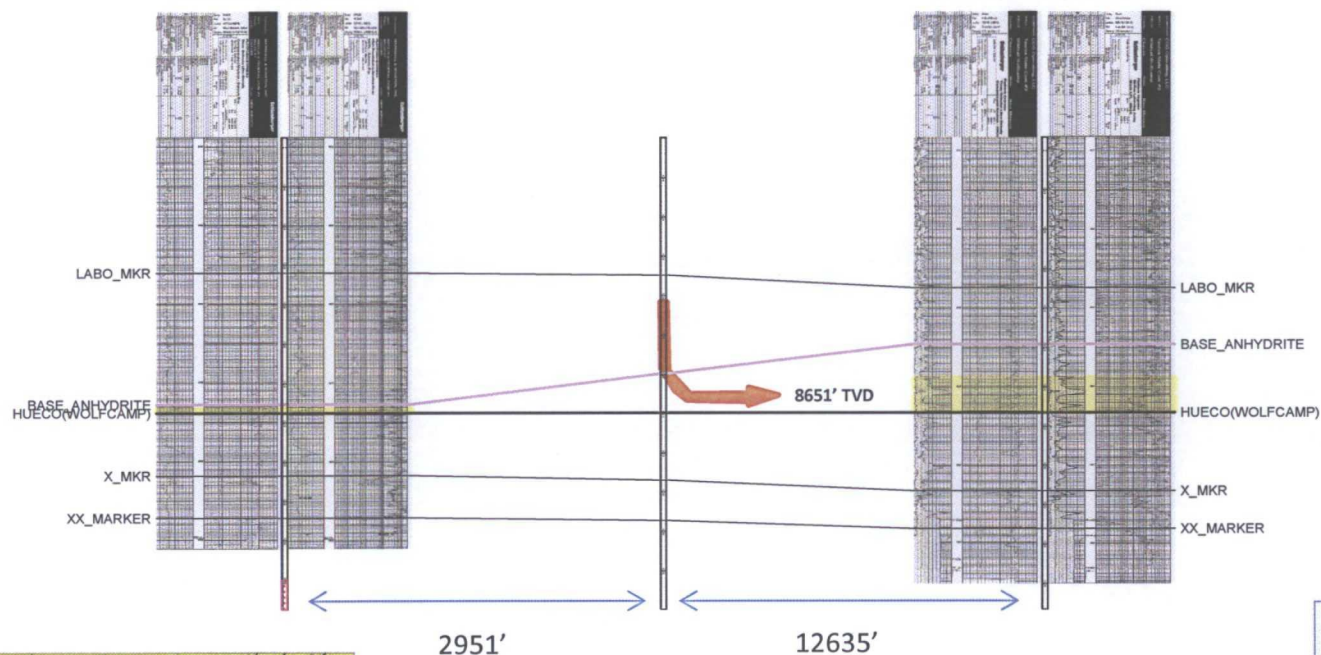
T15S R31E S8
1980 FSL 330 FWL
COMP DATE : 7/31/2009
CUM OIL : 92,754 BBLS
CUM GAS : 88,625 MCF

29152
CIMAREX ENERGY OF CO
INDEPENDENCE 8 FEDERAL COM
2

T15S R31E S8
1830 FNL 2310 FEL

27995
COG OPERATING LLC
TAURUS STATE COM
2H

T15S R31E S10
1980 FSL 330 FEL
COMP DATE : 1/14/2010
CUM OIL : 100,496 BBLS
CUM GAS : 97,532 MCF



Oil Conservation Division
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CIMAREX

Cimarex Energy Co.

Independence 8 Fed #1

Lower Abo / Wolfcamp

Structural Cross Section

Chaves Co., NM

0 552 1,104
FEET

March 18, 2013



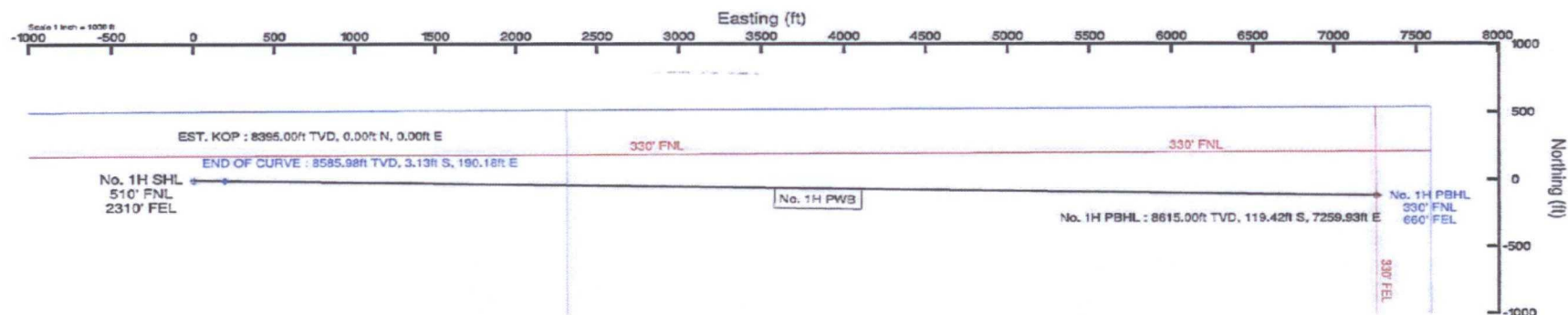
Cimarex Energy Co.

Location: Chaves County, NM
Field: (Independence) Sec 8, T15S, R31E
Facility: Independence 8 Fed Com No. 1H

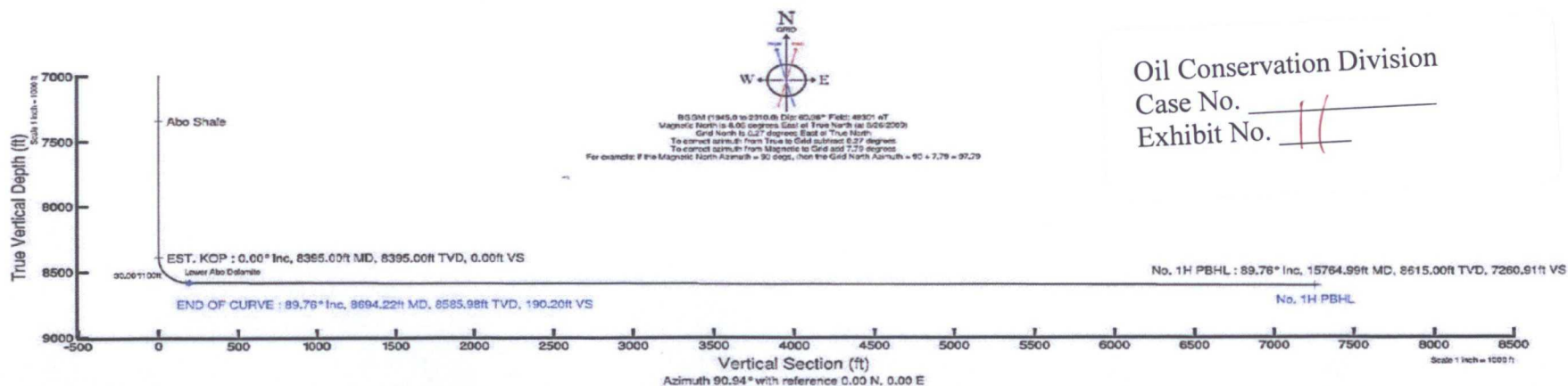
Slot: No. 1H SHL
Well: No. 1H
Wellbore: No. 1H PWB

Well Profile Data

Design Comment	MD (ft)	Inc. (%)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (%100ft)	VS (ft)
Tie On	0.00	0.000	90.942	0.00	0.00	0.00	0.00	0.00
EST. KOP	8395.00	0.000	90.942	8395.00	0.00	0.00	0.00	0.00
END OF CURVE	8694.22	89.765	90.942	8585.98	-3.13	190.18	30.00	190.20
No. 1H PBHL	15764.99	89.765	90.942	8615.00	-119.42	7259.93	0.00	7280.91



Plot reference wellbore is Plan 61	
True vertical depths are referenced to Rig on No. 1H SHL (RT)	Grid System: NAD83 / TUN New Mexico State Planes, Eastern Zone (D301) US feet
Measured depths are referenced to Rig on No. 1H SHL (RT)	North Reference: Grid north
Rig on No. 1H SHL (RT) is Mean Sea Level - 4458 feet	Scale: True distance
Mean Sea Level is Muti line Facility Independence 5 Feet Corn No. 1H - 4448 feet	Depths are in feet
Coordinates are in feet referenced to Facility Corner	Created by: Victor Hernandez on 8/27/2009



Oil Conservation Division
Case No. _____
Exhibit No. 11