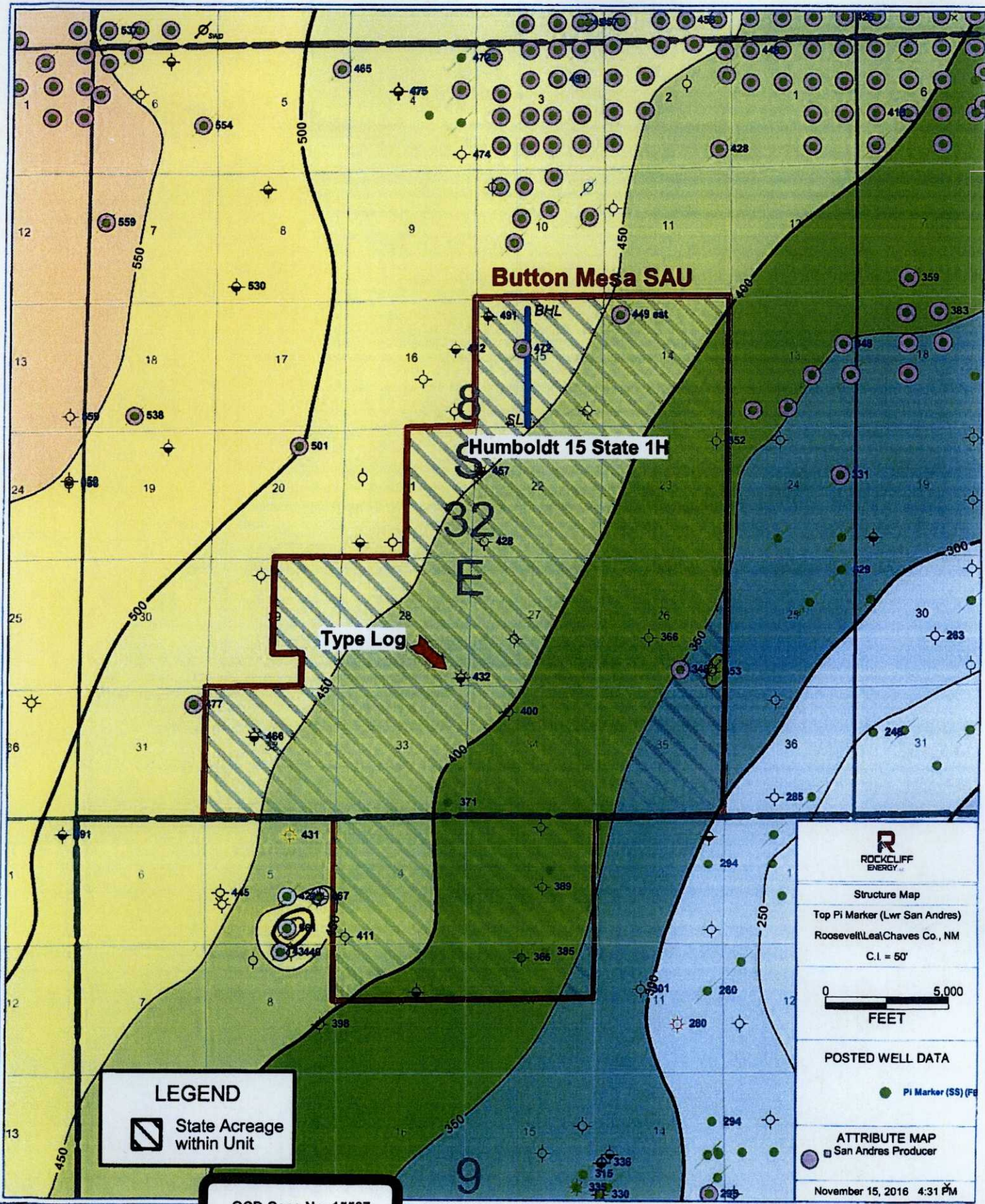




PETRA 11/15/2016 4:31:11 PM

OCD Case No. 15587

ROCKCLIFF
Exhibit # 5

PI Marker

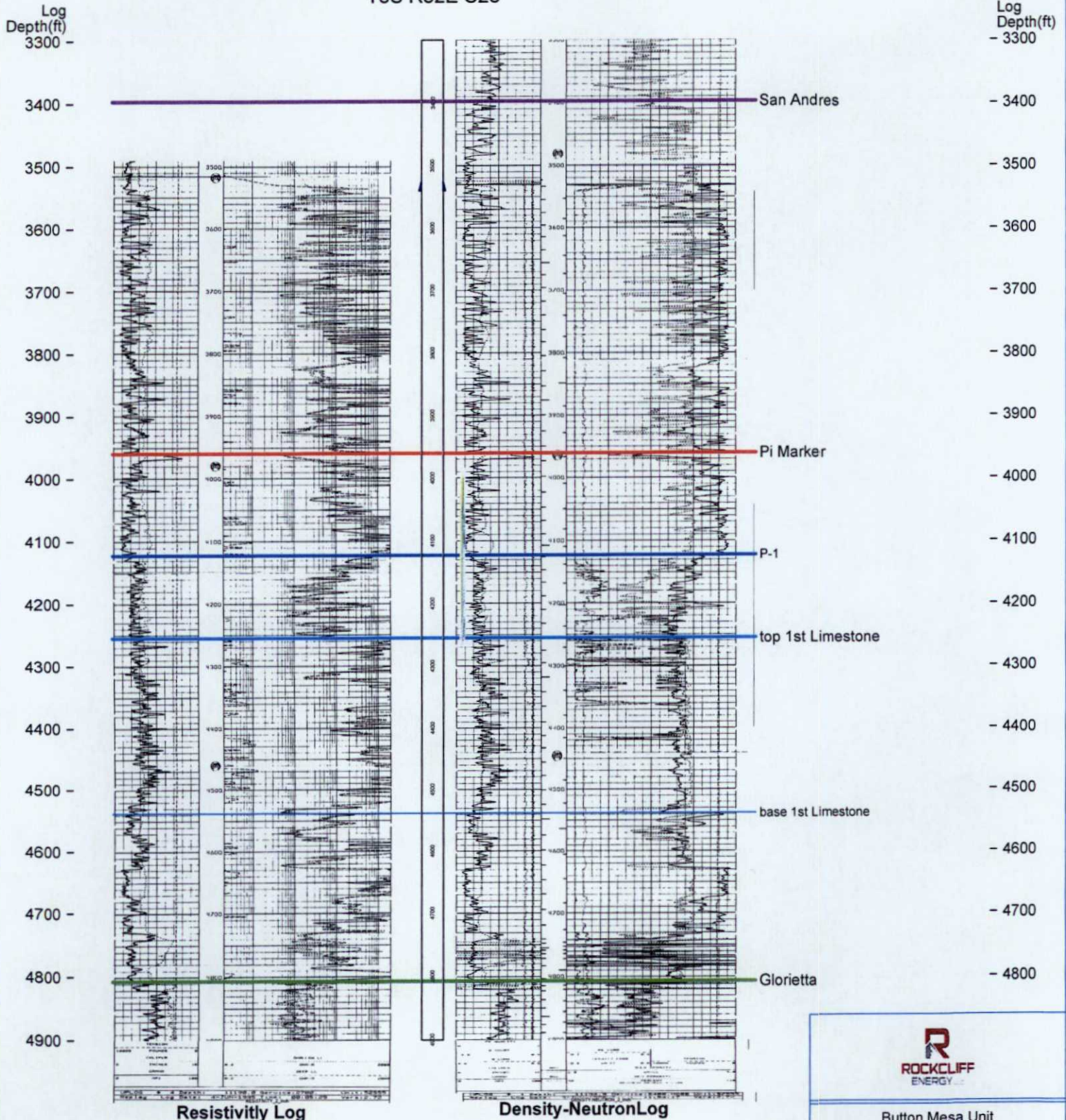
30005211360000

4/1995 ☀

APACHE CORP
STATE '28' 1
TD : 11,186
T8S R32E S28

OCD Case No. 15587

ROCKCLIFF
Exhibit # 6



Resistivity Log

Density-Neutron Log



Button Mesa Unit
Type Log for San Andres Fm.
Chaves/Lea Co., NM

A
north

A'
south

Subsea
Depth(ft)
1100 -

Subsea
Depth(ft)
- 1100

30005207340000

30005211360000

30025319480000

ADAMS EXPLORATION CO
STATE '15' 1
T8S R32E S15

APACHE CORP
STATE '28' 1
T8S R32E S28

MW PETROLEUM CORP
STATE '10' 1
T9S R32E S10

1000 -

- 1000

900 -

- 900

800 -

- 800

700 -

- 700

600 -

- 600

500 -

- 500

400 -

- 400

300 -

- 300

200 -

- 200

100 -

- 100

0 -

-100 -

-200 -

-300 -

-400 -

-500 -

Proposed
Unitized
Interval

Top Yeso

Top San Andres

Top Pay

Base Pay

Top Glorieta

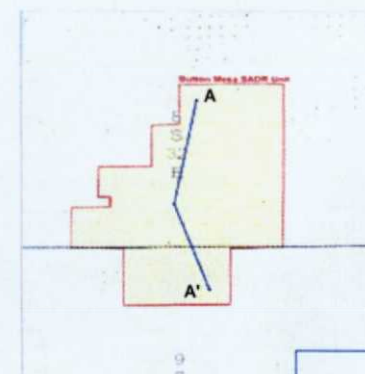
PI Marker

P-1

P-1

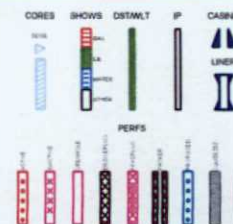
1st
Limestone

Anhy-1



Button Mesa SADR Unit
Structural Cross-Section_N-S
Chaves \ Lea Co., NM

Horizontal Scale = 1515.7
Vertical Scale = 50.0
Vertical Exaggeration = 30.3x



Cutoff:
Density porosity > 5% (shaded red)

By: N. Wallace

September 12, 2016 1:22 PM

OCD Case No. 15567
ROCKCLIFF
Exhibit # 7

