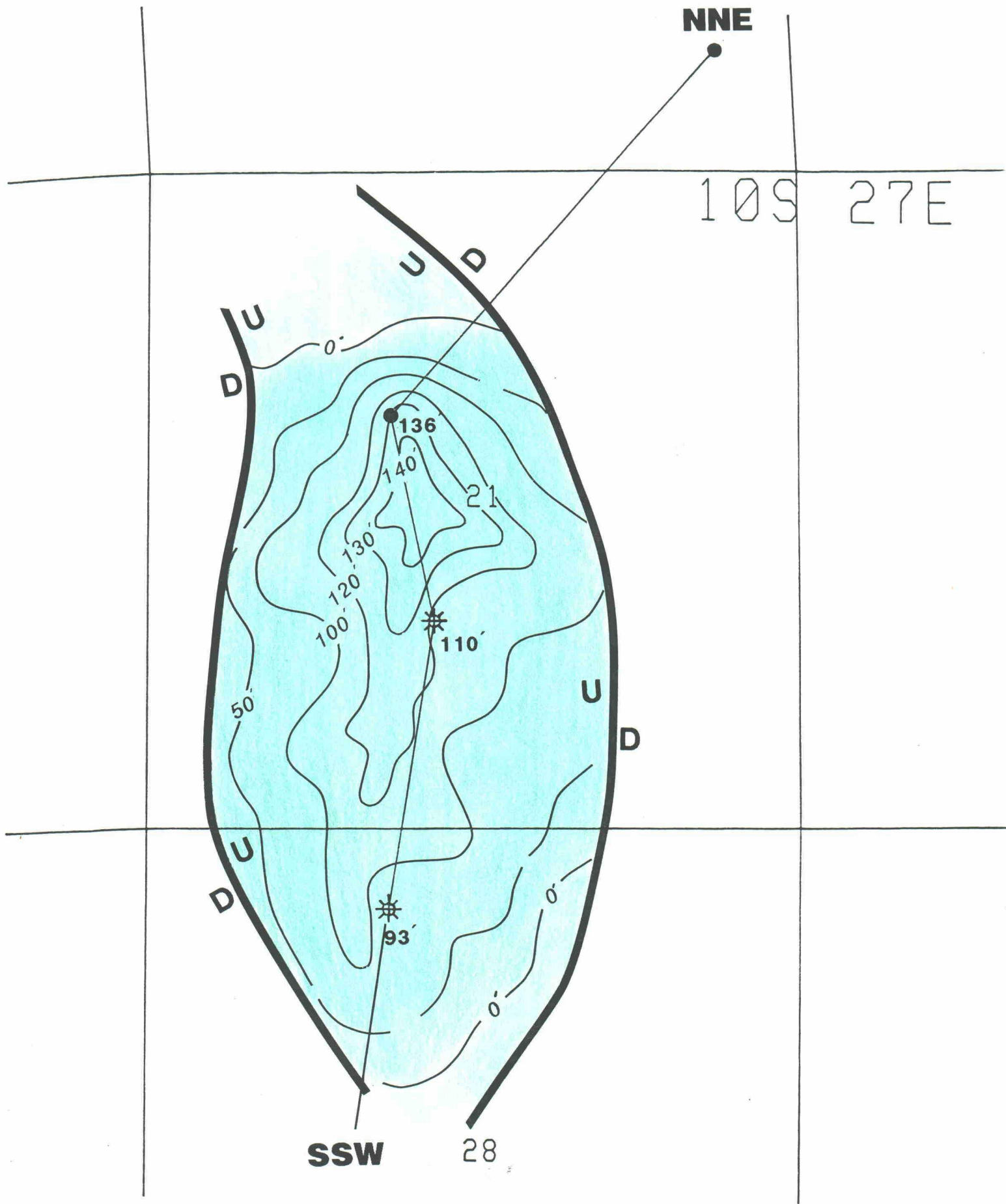
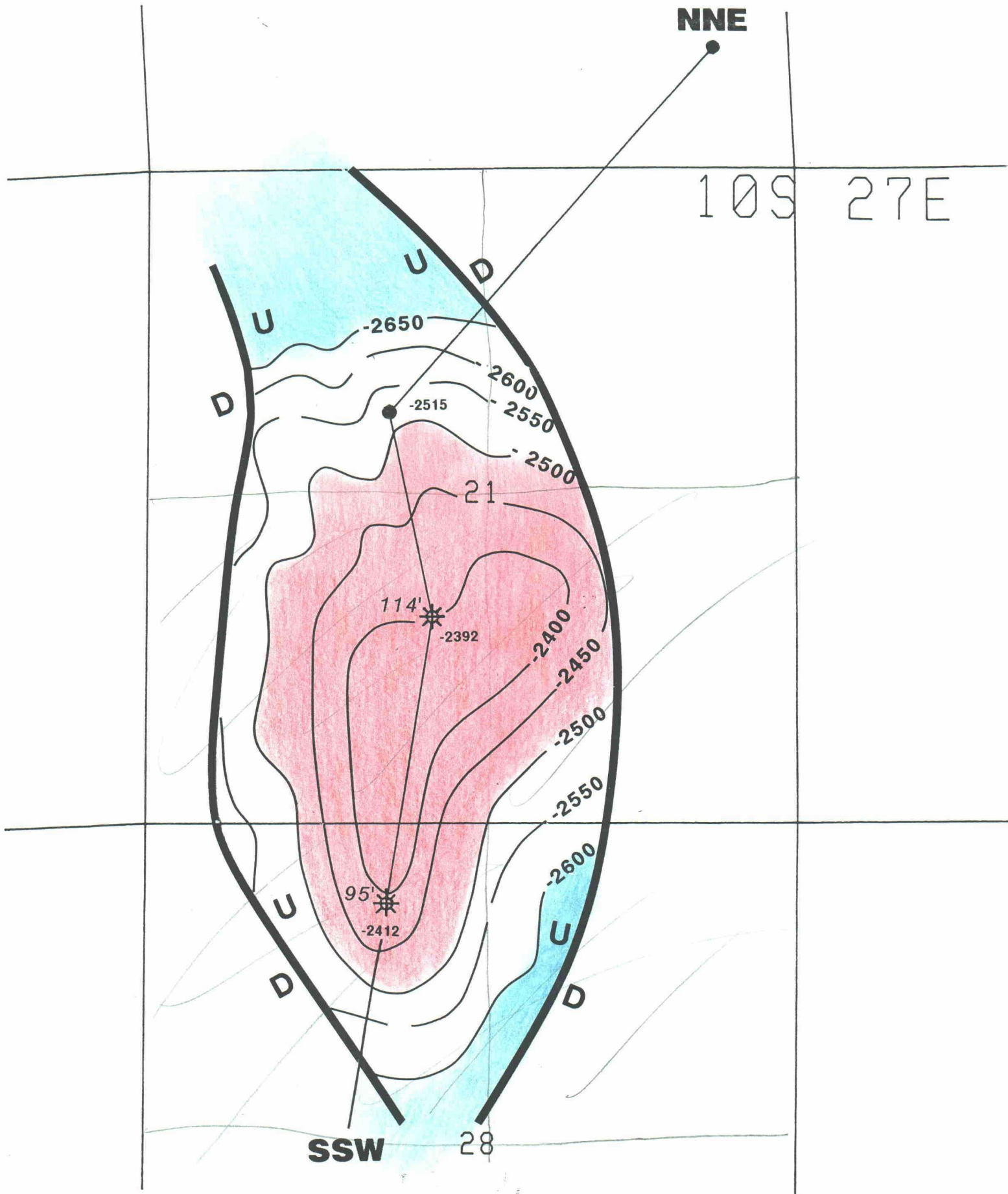


BEFORE EXAMINER CATANACH
OIL CONSERVATION DIVISION
Yates EXHIBIT NO. *4*
CASE NO. *9854*

YATES PETROLEUM CORP.
ISOPACH "OIL" PAY
C. I. = 50'
10' CONTOURS DETAIL
SCALE : 1" = 1000'
PRE-PENN PENETRATIONS ONLY



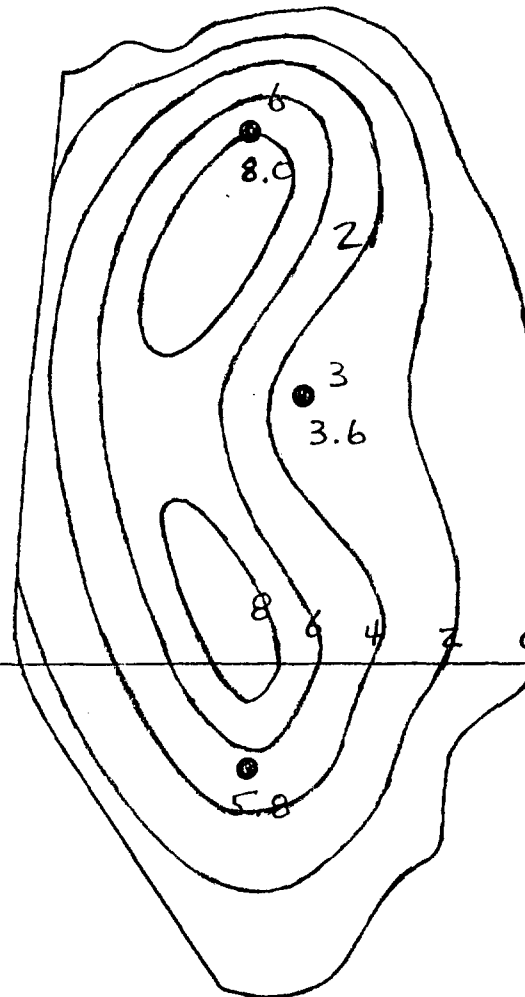


BEFORE EXAMINER CATANACH
OIL CONSERVATION DIVISION
Yates EXHIBIT NO. 5
CASE NO. 9854

YATES PETROLEUM CORP.
STRUCTURE MAP
PRE-MISS DOLOMITE
GAS COLUMN in RED
C.I. = 50'
PRE-PENN PENETRATIONS ONLY

PATHFINDER

20



355 ACRES

29

28

OOIP = 9.1 MILLION STB

MC BRIDE STATE

HYDROCARBON (OIL) PORE VOLUME

BEFORE EXAMINER CATALACH

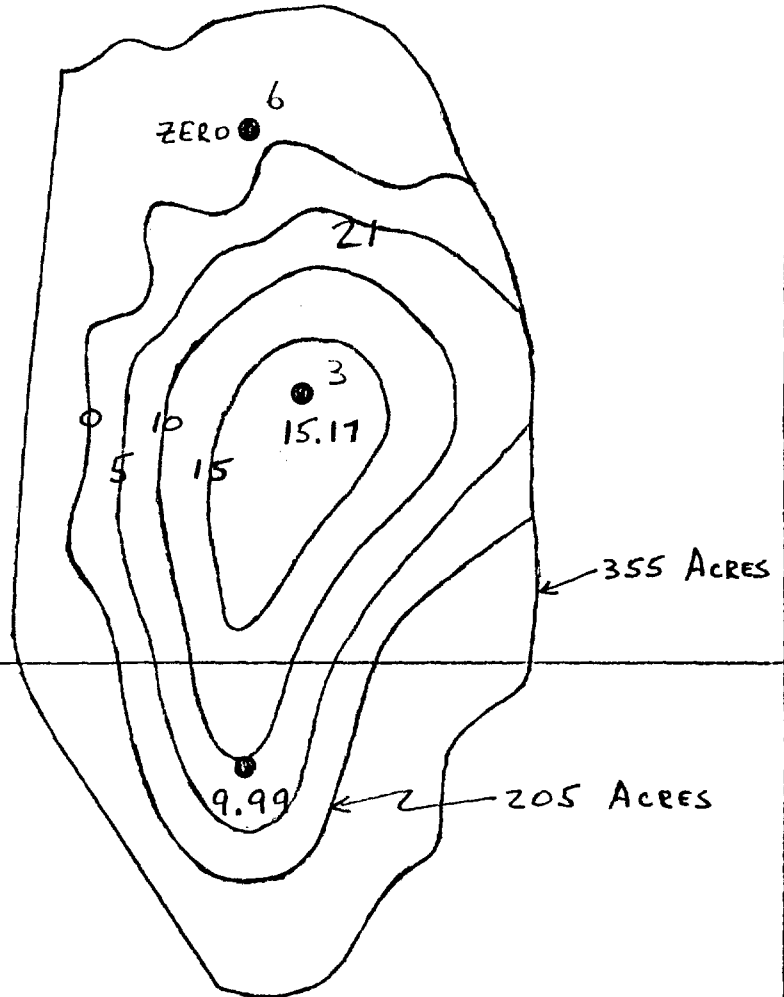
OIL CONSERVATION DIVISION

Water EXHIBIT NO. 6

CASE NO. 9854

PATHFINDER

20



29

28

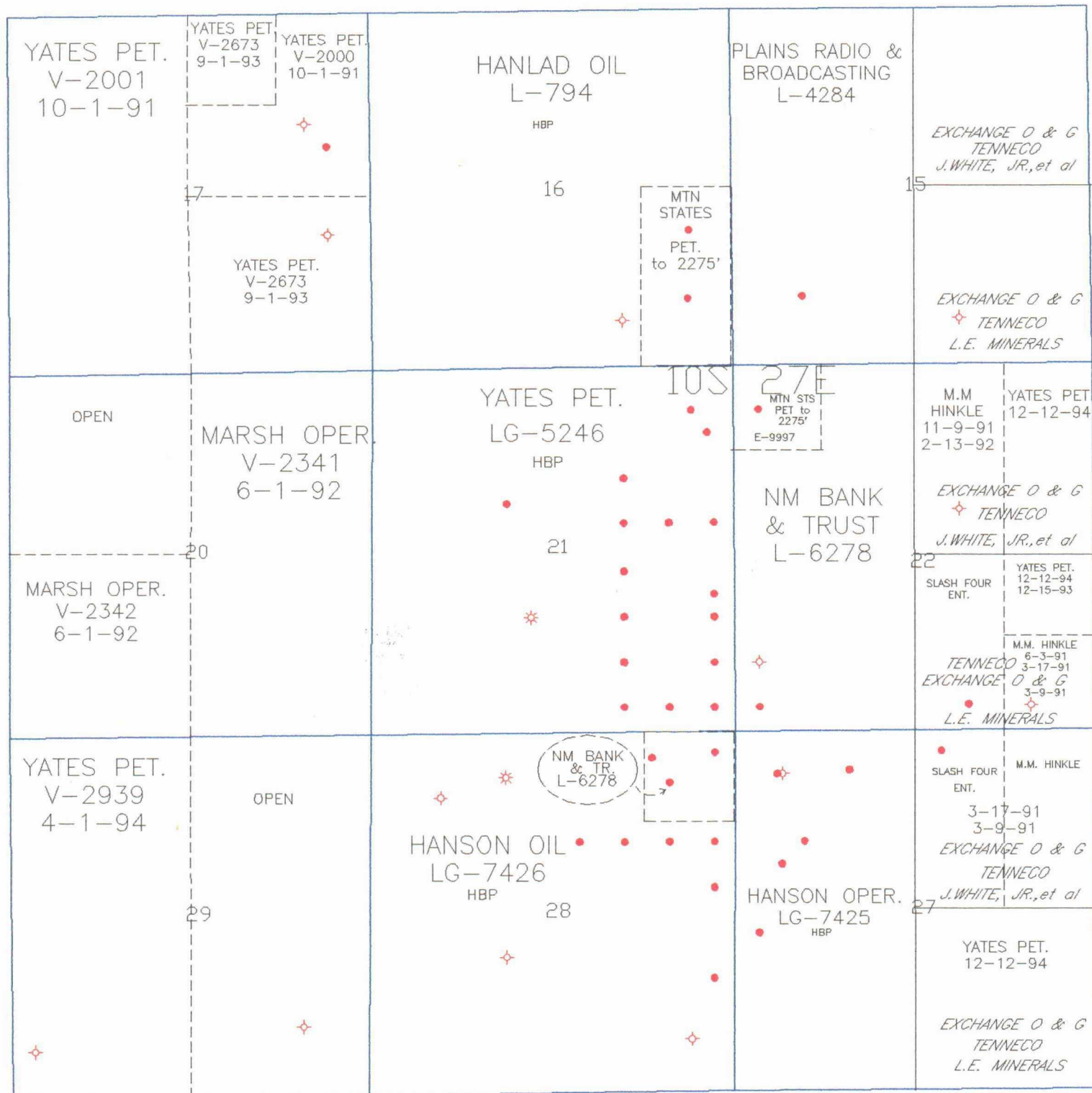
OGIP = 16.4 Bcf

MCBRIDE STATE

HYDROCARBON (GAS) PORE VOLUME

BEFORE EXAMINER CATANACH
OIL CONSERVATION DIVISION

Yates EXHIBIT NO. 7
CASE NO. 985-4



YATES PETROLEUM CORP.

PATHFINDER "AFT" ST. #6

SEC. 21-10S-27E

CHAVES COUNTY, NEW MEXICO

BEFORE EXAMINER CATANACH

OIL CONSERVATION DIVISION

Yates EXHIBIT NO. 1

CASE NO. 9854

NNE

SSW

MOUNTAIN STATES PET.
DIABLO STATE #1
SEC. 16-10S-27E
990' FSL & 660' FWL
CHAVES CO., NM
KB 6831'

YATES PETROLEUM
PATHFINDER "AFT" ST. #6
SEC. 21-10S-27E
1980' FNL & FWL
CHAVES CO., NM
KB 3863'

YATES PETROLEUM
PATHFINDER "AFT" ST. #3
SEC. 21-10S-27E
1650' FSL & 2310' FWL
CHAVES CO., NM
KB 3852'

STEVENS OPERATING
MCBRIDE ST. CDM. #1
SEC. 28-10S-27E
660' FNL & 1980' FWL
CHAVES CO., NM
KB 3816'

SAN ANDRES PRODUCER



ABD
-1109

-1027

-986

ABD
-994

-1750 WC
-1749

-1705

-1660

WC
-1688
-1750

WCSH
-2279

-2145

-2088

WCSH
-2106

CSCD
-2384

-2247

-2192

CSCD
-2217

PENN
-2595

-2385

-2306

PENN
-2338

MISS
-2750-2733

-2151

-2712

MISS
-2444

FSLM
-2914

-2660

-2678

FSLM
-2678

DDYC
-3059

-2712

-2750

DDYC
-2444

PCMB
-3334

-2712

-2750

PCMB
-2678

PCMB
-3334

-2712

-2750

PCMB
-2678

BEFORE EXAMINER CATANACH

OIL CONSERVATION DIVISION

Yates EXHIBIT NO. 2

CASE NO. 9854