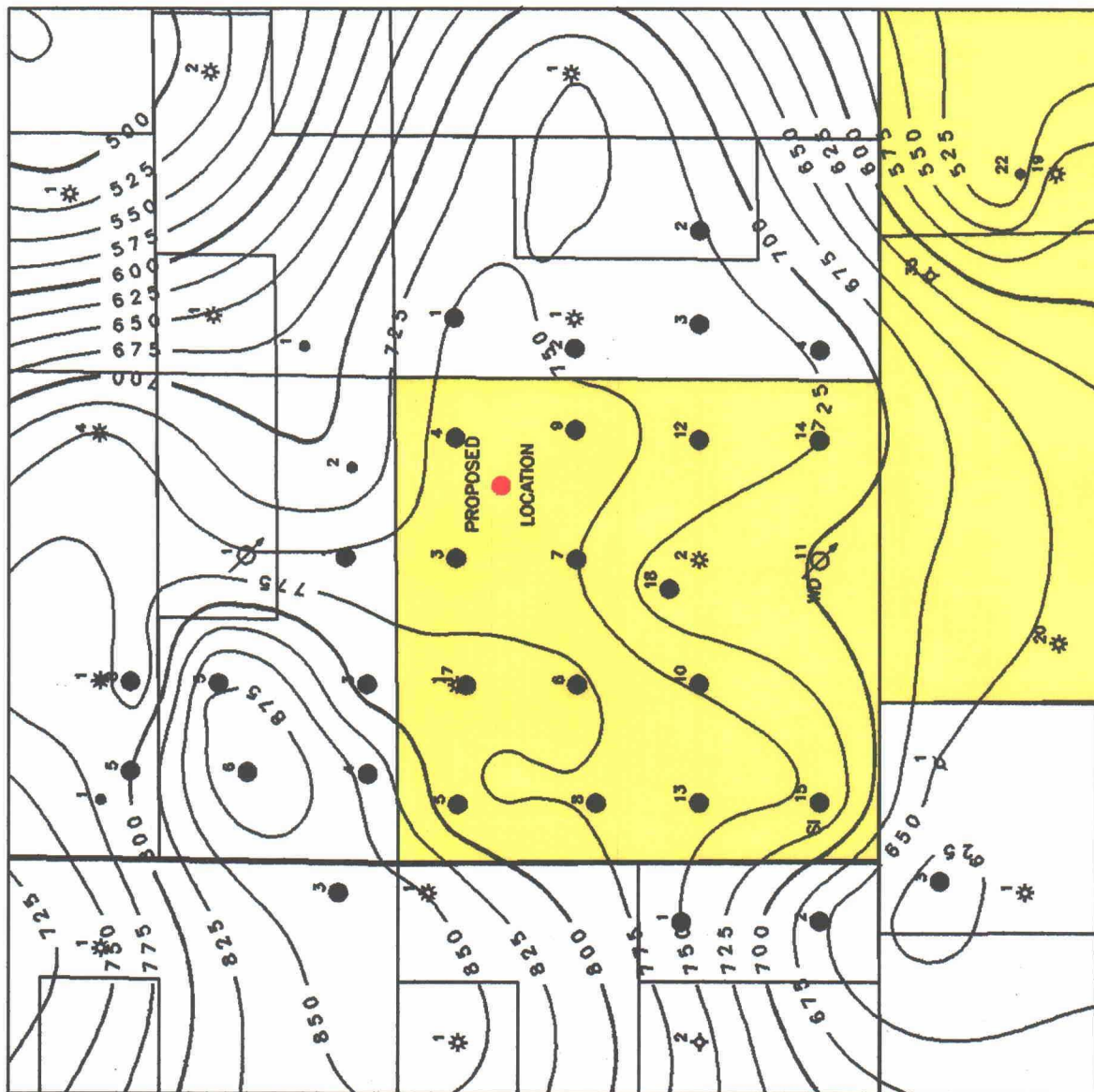




WELL SYMBOL LEGEND

- OIL WELL
- GAS WELL
- GAS & OIL
- INJECTOR
- WATER DISPOSAL
- PROPOSED LOCATION
- ABANDONED LOCATION
- SHUT-IN OIL WELL
- DRY HOLE

NOTE: ABOVE SYMBOLS ARE ACTUAL SIZE FOR DELAWARE WELLS. SMALL SYMBOLS REFLECT DEEPER COMPLECTIONS.

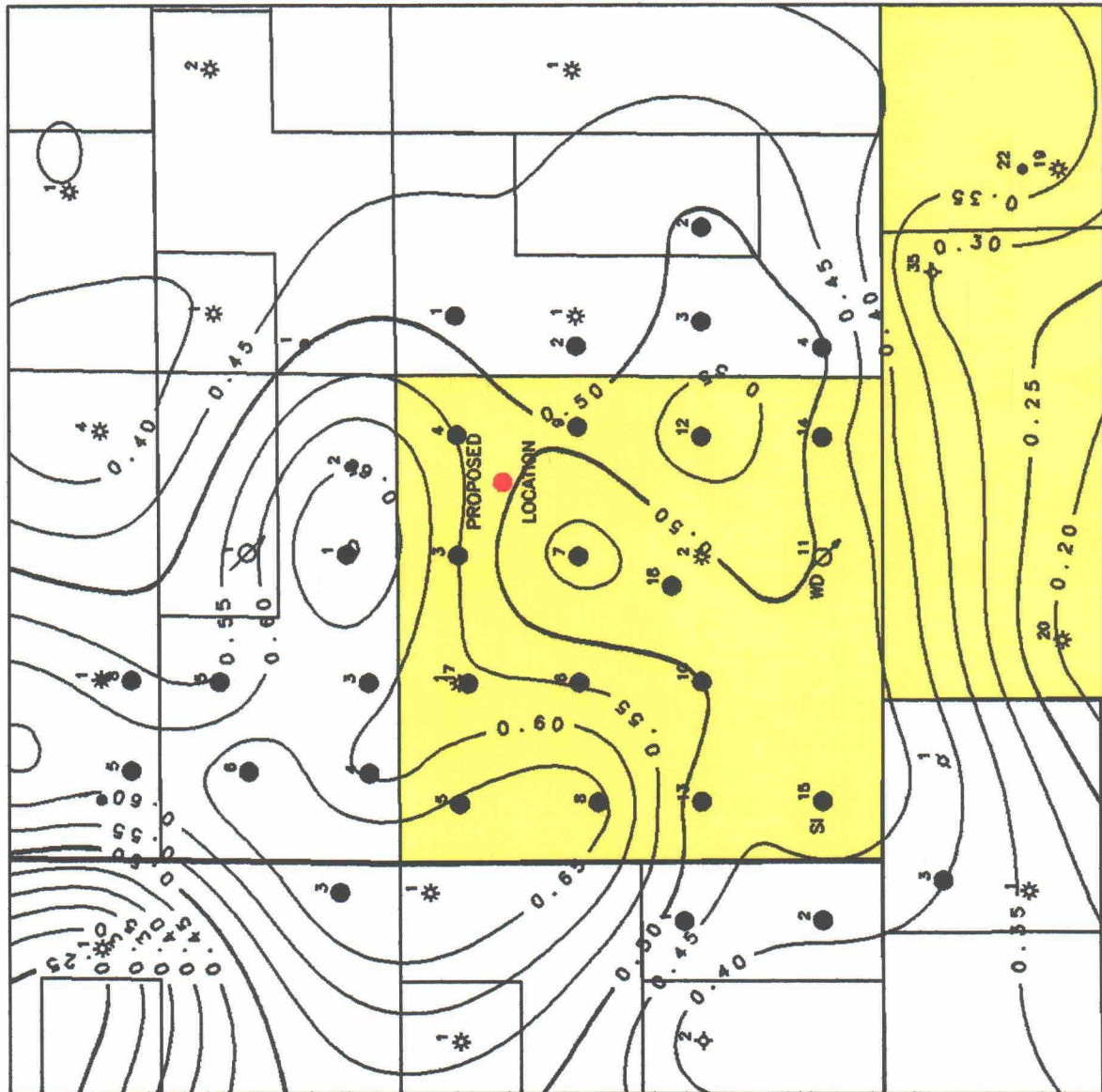
EXXON CORPORATION

AVALON (DELAWARE) FIELD
EDDY COUNTY, NEW MEXICO
TOWNSHIP 20-S RANGE 28-E

STRUCTURE MAP
TOP OF UPPER CHERRY CANYON FORMATION
(FEET SUBSEA)

CNT-25
SCALE=2000 FEET/INCH
T.C. MAXWELL / G.O. BEUMER
APRIL 13, 1990

Exhibit No. 6
Exxon Corporation
NMOCD Case 9916
April 18, 1990



WELL SYMBOL LEGEND

- OIL WELL ●
- GAS WELL ☼
- GAS & OIL ☼
- INJECTOR SI
- WATER DISPOSAL WD
- PROPOSED LOCATION ●
- ABANDONED LOCATION ☼
- SHUT-IN OIL WELL ●
- DRY HOLE ☼

NOTE: ABOVE SYMBOLS ARE ACTUAL SIZE FOR DELAWARE WELLS. SMALL SYMBOLS REFLECT DEEPER COMPLETIONS.

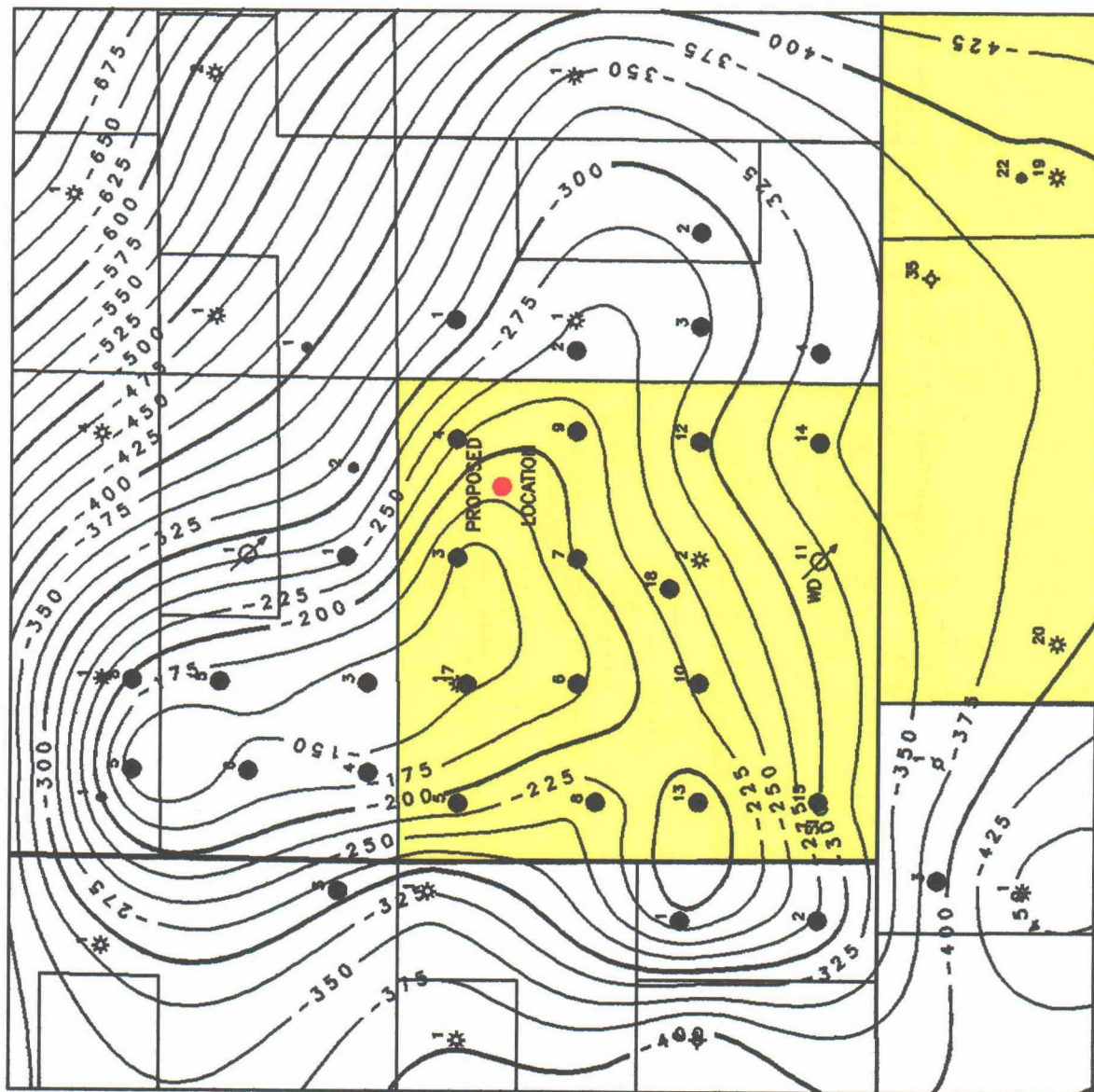
EXXON CORPORATION

AVALON (DELAWARE) FIELD
EDDY COUNTY, NEW MEXICO
TOWNSHIP 20-S RANGE 28-E

AVERAGE OIL SATURATION MAP
UPPER CHERRY CANYON ZONE
(FRACTION)

T.C. MAXWELL / O.G. BEHLER
CWM-0.05000000
SCALE=2000 FEET/INCH
APRIL 15, 1990

Exhibit No. 7
Exxon Corporation
NMOCD Case 9916
April 18, 1990



WELL SYMBOL LEGEND

OIL WELL	●	PROPOSED LOCATION	●
GAS WELL	☼	ABANDONED LOCATION	☼
GAS & OIL	☼	SHUT-IN OIL WELL	● SI
INJECTOR	☼	DRY HOLE	☼
WATER DISPOSAL	WD		

NOTE: ABOVE SYMBOLS ARE ACTUAL SIZE FOR DELAWARE WELLS. SMALL SYMBOLS REFLECT DEEPER COMPLETIONS.

EXXON CORPORATION

AVALON (DELAWARE) FIELD
EDDY COUNTY, NEW MEXICO
TOWNSHIP 20-S RANGE 28-E

STRUCTURE MAP
TOP OF UPPER BRUSHY CANYON FORMATION
(FEET SUBSEA)

2000 FEET

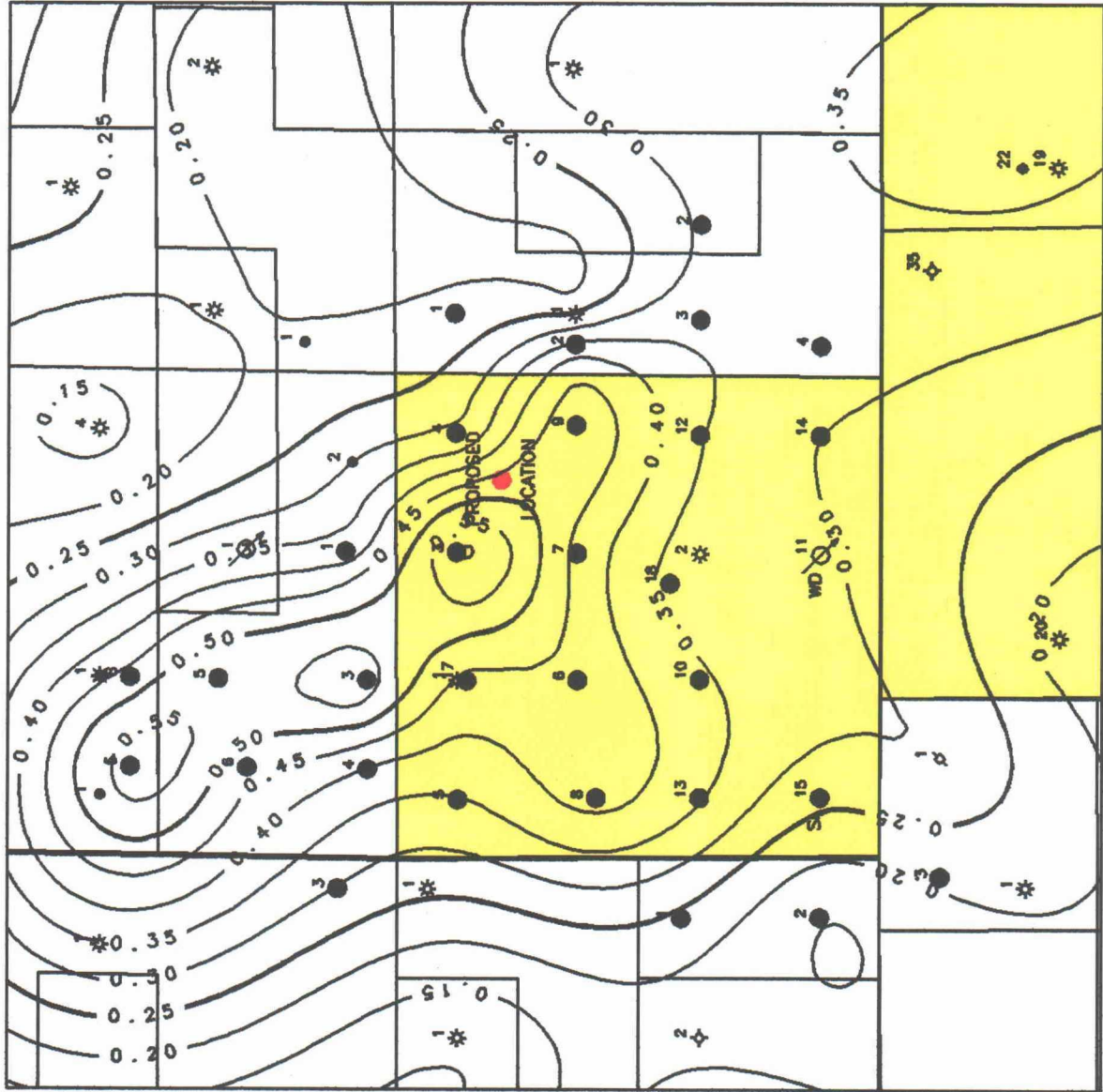
T.C. MAXWELL / G.G. BEHLER

0 1000 2000

SCALE=2000 FEET/INCH

APRIL 15, 1990

Exhibit No. 8
Exxon Corporation
NMOCD Case 9916
April 18, 1990



WELL SYMBOL LEGEND

- OIL WELL: ●
- GAS WELL: ☼
- GAS & OIL: ☼●
- INJECTOR: ⊕
- WATER DISPOSAL: WD ⊕
- PROPOSED LOCATION: ●
- ABANDONED LOCATION: ☼
- SHUT-IN OIL WELL: ●
- DRY HOLE: ⊕

NOTE: ABOVE SYMBOLS ARE ACTUAL SIZE FOR DELAWARE WELLS. SMALL SYMBOLS REFLECT DEEPER COMPLETIONS.

EXXON CORPORATION

AVALON (DELAWARE) FIELD
EDDY COUNTY, NEW MEXICO
TOWNSHIP 20-S RANGE 28-E
AVERAGE OIL SATURATION MAP
UPPER BRUSHY CANYON ZONE
(FRACTION)

CME-0.054000000
T.O. MAXWELL / G.G. BELAHLER
APRIL 13, 1990



WELL SYMBOL LEGEND

- OIL WELL
- GAS WELL
- GAS & OIL
- INJECTOR
- WATER DISPOSAL
- PROPOSED LOCATION
- ABANDONED LOCATION
- SHUT-IN OIL WELL
- DRY HOLE

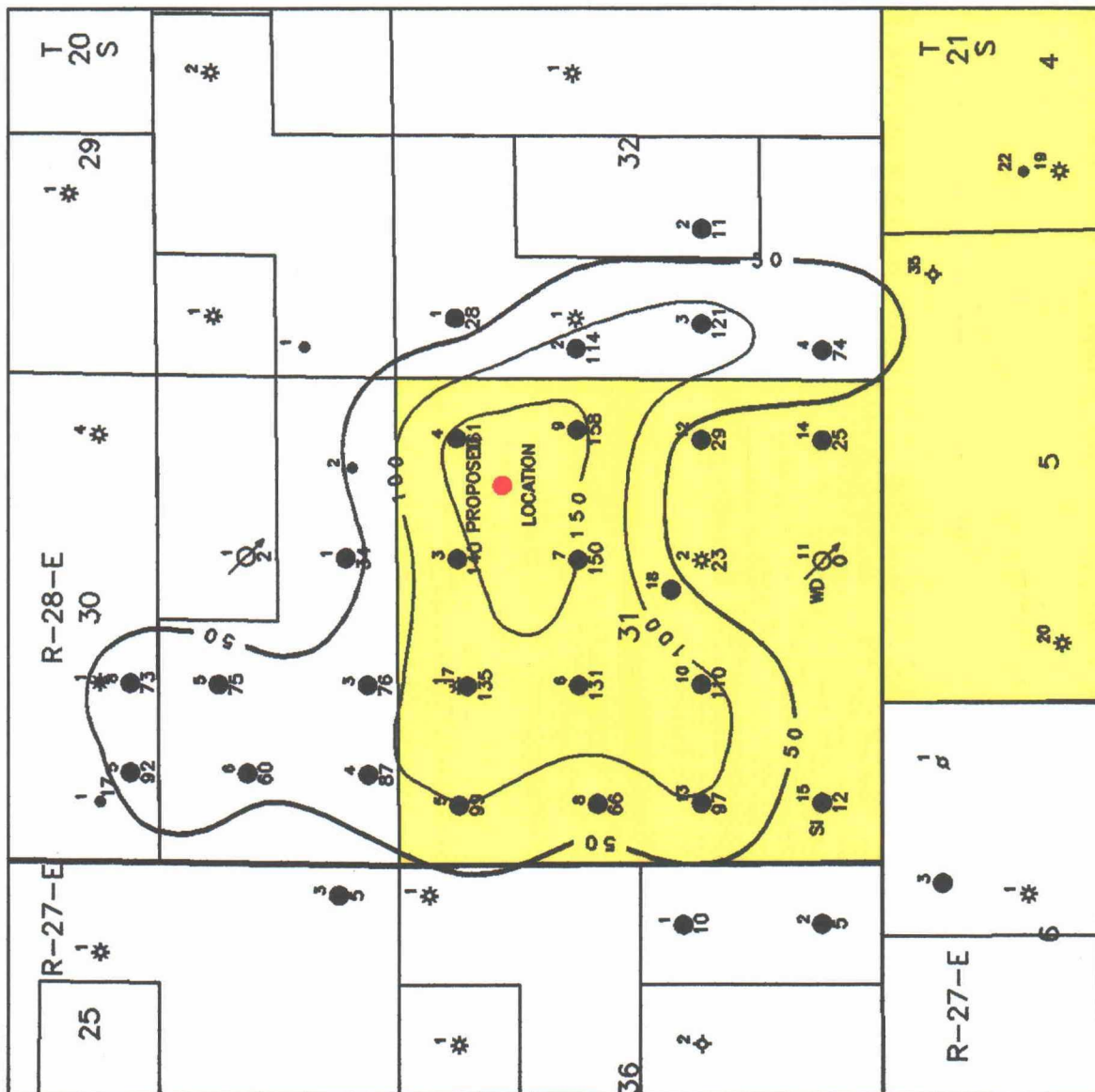
NOTE: ABOVE SYMBOLS ARE ACTUAL SIZE FOR DELAWARE WELLS. SMALL SYMBOLS REFLECT DEEPER COMPLECTIONS.

EXXON CORPORATION

AVALON (DELAWARE) FIELD
EDDY COUNTY, NEW MEXICO
TOWNSHIP 20-S RANGE 28-E
PRODUCTIVE LIMITS MAP
UPPER CHERRY CANYON/UPPER BRUSHY CANYON
T.C. MAXWELL / G.C. BEAHLER
SCALE=2000 FEET/INCH
APRIL 12, 1990

- UPPER CHERRY CANYON
- UPPER BRUSHY CANYON

Exhibit No. 10
Exxon Corporation
NMOCD Case 9916
April 18, 1990



- WELL SYMBOL LEGEND**
- OIL WELL
 - GAS WELL
 - GAS & OIL
 - SI

 INJECTOR
 - WD

 WATER DISPOSAL
 - PROPOSED LOCATION
 - ABANDONED LOCATION
 - SHUT-IN OIL WELL
 - WD

 DRY HOLE

NOTE: ABOVE SYMBOLS ARE ACTUAL SIZE FOR DELAWARE WELLS. SMALL SYMBOLS REFLECT DEEPER COMPLETIONS.

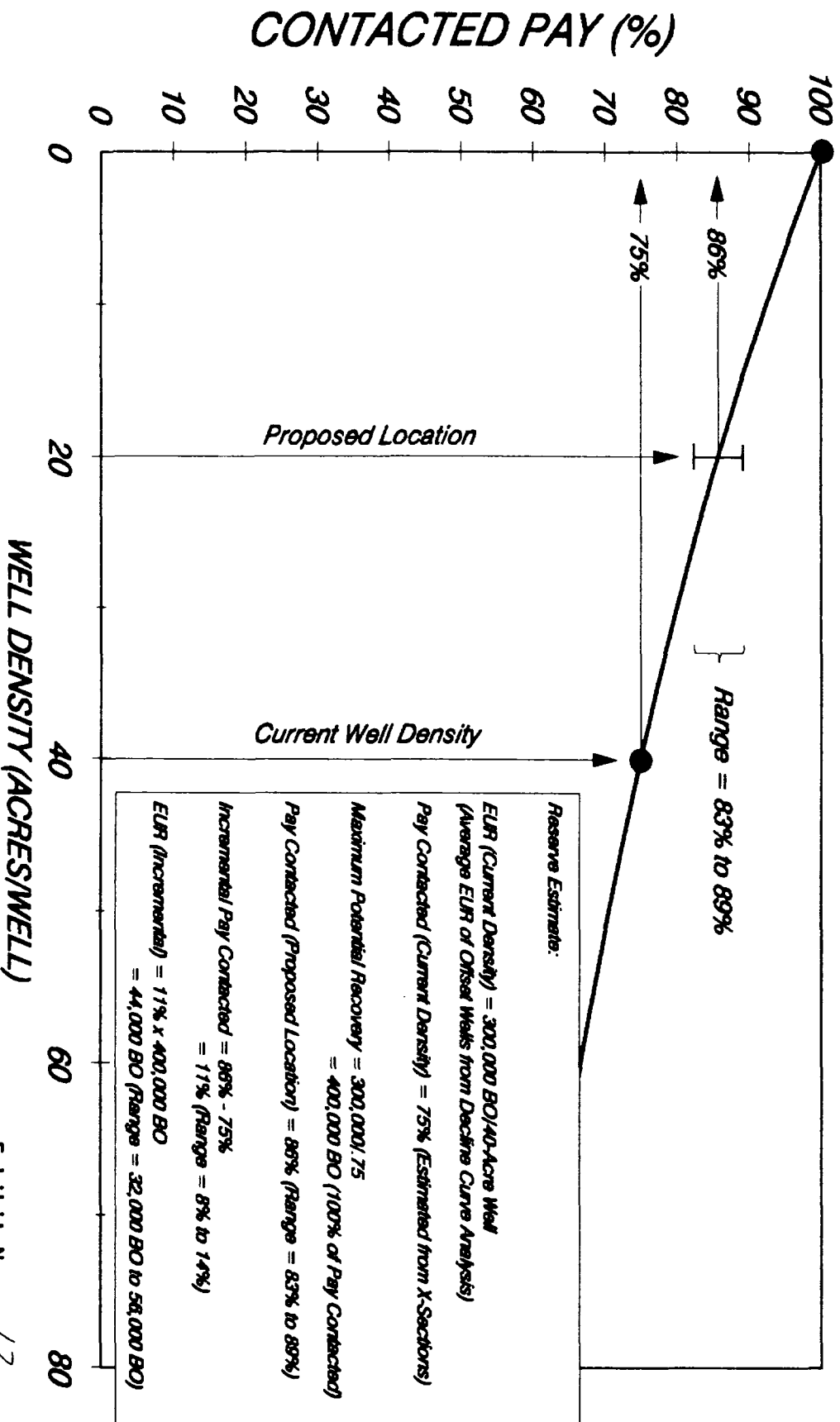
EXXON CORPORATION

AVALON (DELAWARE) FIELD
 EDDY COUNTY, NEW MEXICO
 TOWNSHIP 20-S RANGE 28-E
 CUMULATIVE OIL PRODUCTION MAP
 (THOUSANDS OF BARRELS)
 THRU 12/01/89
 CHIT-50 GMS-400
 SCALE-2000 FEET/INCH
 T.O. MAXWELL / O.A. BEAULIER
 APRIL 13, 1990

Exhibit No.
 Exxon Corporation
 NMOCD Case 9916
 April 18, 1990

AVALON (DELAWARE) FIELD

ESTIMATED DRILLWELL RESERVES



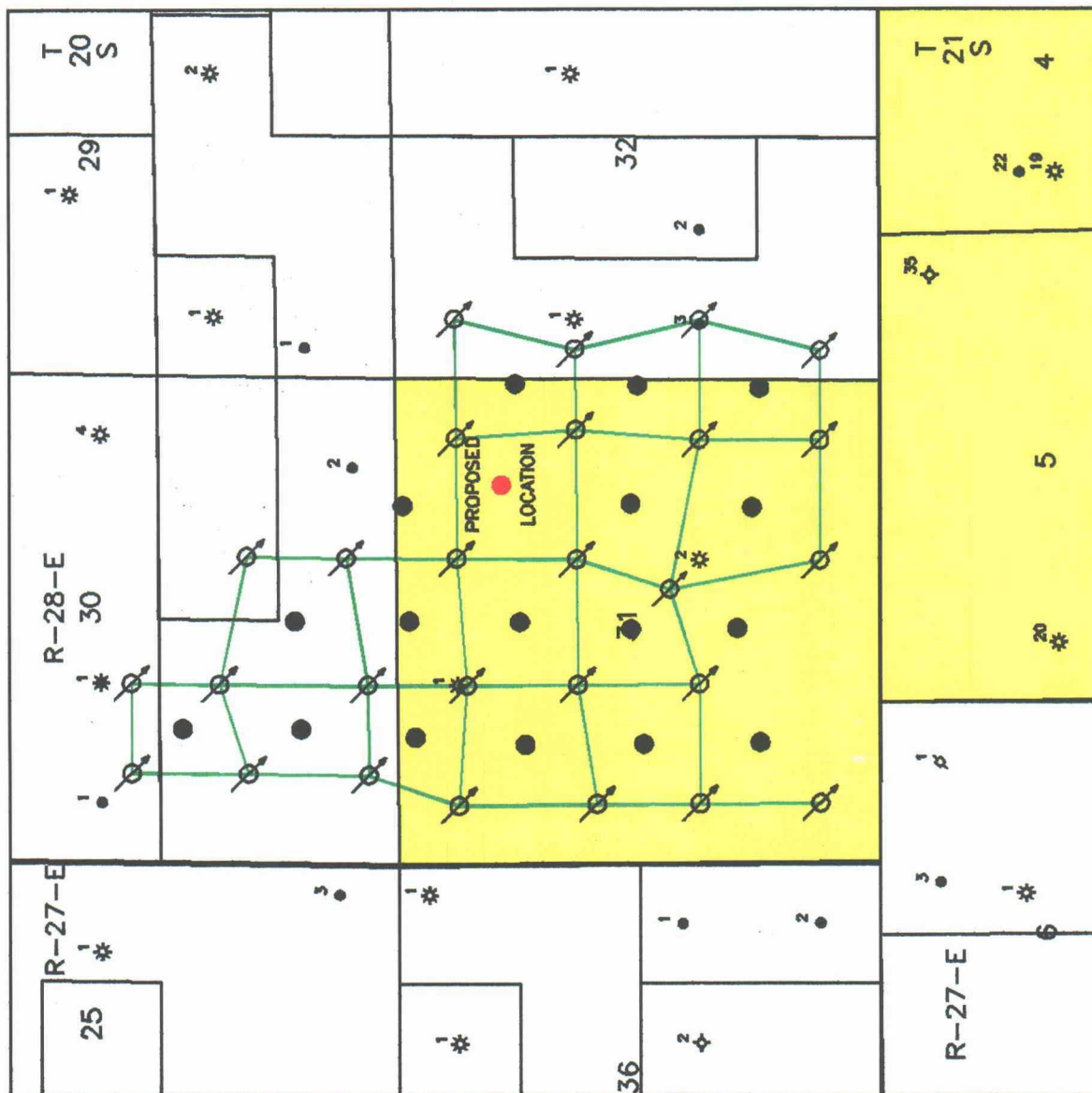


Exhibit No. 13
 Exxon Corporation
 NMOCD Case 9916
 April 18, 1990