

R 36 E

T 9 S

T 10 S

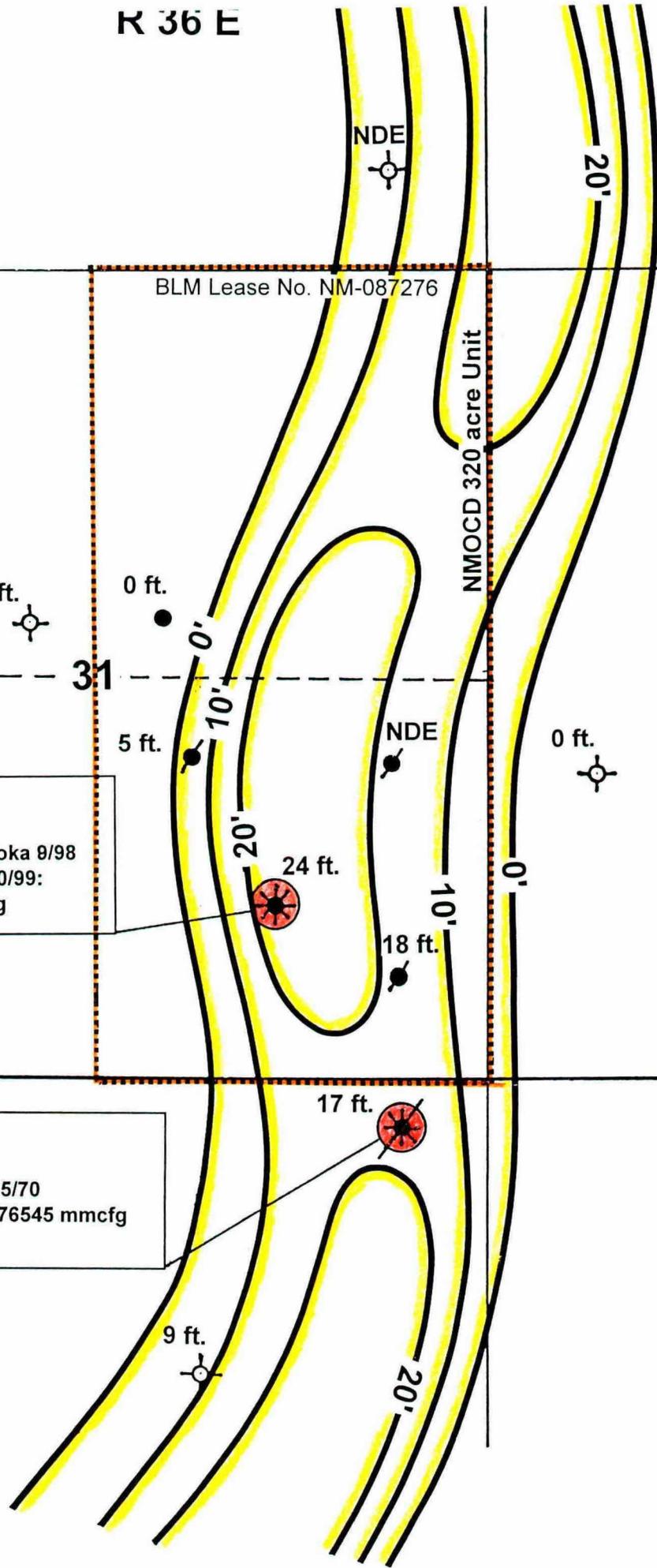
BLM Lease No. NM-087276

BLM Lease No. LC-065249

NMOCD 320 acre Unit

Reliance Operating Co.
 Federal D No.3
 Plug-back Completion in Atoka 9/98
 Cumulative Prod. through 10/99:
 14758 bc + 230086 mmcf

Pure Oil Co.
 State-Lea M No.1
 Plug-back completion in Atoka 5/70
 Cumulative Prod.: 18243 bc + 176545 mmcf
 Abandoned 7/75



Bahlburg Exploration, Inc.

West Crossroads Field Area
Lea County, New Mexico

Atoka Pay Sand Isopach Map

Scale: 1"=1000'

C.I.= 10 ft.

WCB 12/99

R 36 E

T 9 S

T 10 S

NDE

BLM Lease No. NM-087276

Estimated Gas/Water Contact

-7155

-7134

31

Reliance Operating Co.
Federal D No.3
Plug-back Completion in Atoka 9/98
Cumulative Prod. through 10/99:
14758 bc + 230086 mmcf

-7110

NDE

-7169

-7200

-7056

-7100

-7113

NMOC 320 acre Unit

BLM Lease No. LC-065249

-7123

-7207

Pure Oil Co.
State-Lea M No.1
Plug-back completion in Atoka 5/70
Cumulative Prod.: 18243 bc + 176545 mmcf
Abandoned 7/75

-7392

-7282

-7400

-7300

Bahlburg Exploration, Inc.

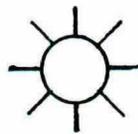
West Crossroads Field Area
Lea County, New Mexico

Middle Atoka Structure Map
w/ Productive Atoka Sand Channel Distribution

Scale: 1" = 1000'

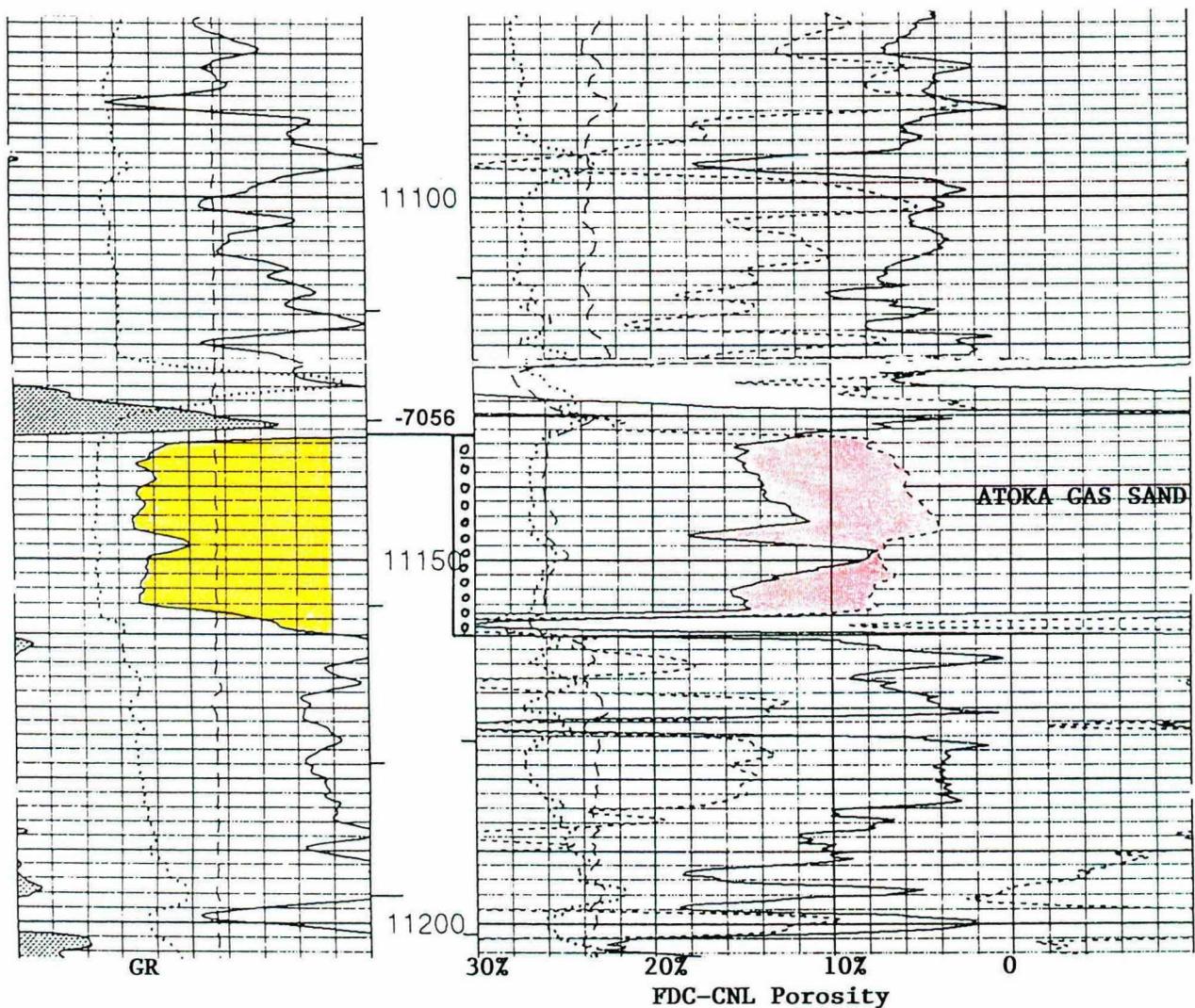
C.I.= 50 ft.

WCB 12/99



Reliance Operating Co.
Federal D No.3
1120' fsl & 1420' fel
Section 31, T9S, R36E
Lea County, New Mexico

Neutron-Density Log



Completed Devonian through open-hole 12,003-18' on 10-16-97
IPF 380 bopd (no wtr)

Plugged back to Atoka on 8-17-98
Completed Atoka gas sand through perfs 11,133-160' on 8-21-98
Ran 4-point production test on 8-27-98
IPF 963 mcf/gpd + 48 bcpd (no wtr)
Put to production line in 12/98

Cumulative Atoka Production through October 1999:
230086 mmcf + 14738 bbls cond.