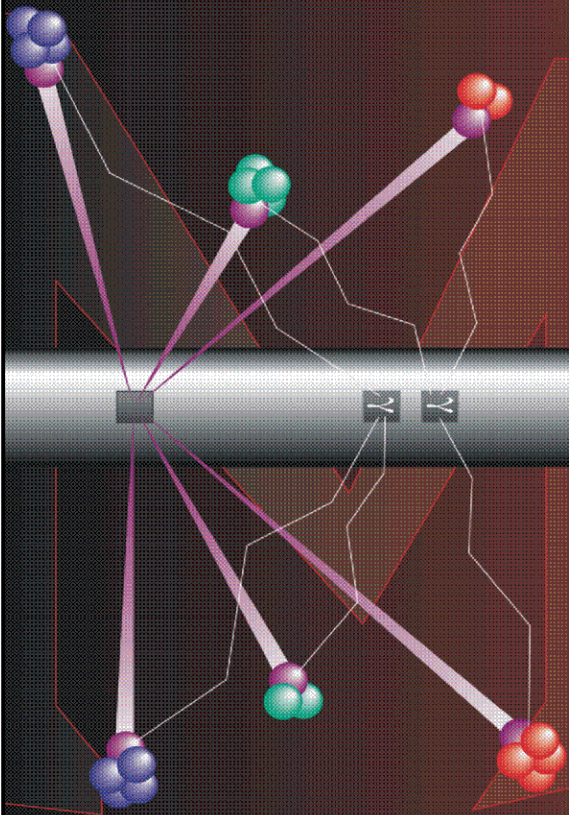




# Pulsed Neutron Formation Evaluation



## RESERVOIR PERFORMANCE MONITOR GASVIEW SATURATION ANALYSIS

COMPANY EXXONMOBIL PRODUCTION COMPANY

WELL FRU 197-28A6

FIELD FREEDOM UNIT

COUNTY RIO BLANCO STATE COLORADO

LOCATION: 2372' FSL & 235' FWL

SEC 28 TWP 1S RGE 9W

ELEVATIONS:

KB 6109 FT DF 6108 FT GL 6082 FT

DATE 14-SEP-2010 ECC 3596

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

### COMPUTATION PARAMETERS

COMPUTATION	LOGS USED: <u>RPM-C</u>	PROGRAM: <u>GASVIEW</u>	
	CENTER: <u>DENVER GEOSCIENCE</u>	LOG ANALYST: <u>M.RUST</u>	DATE: <u>14-SEP-2010</u>
FIELD DATA	LOCATION: <u>GRAND JUNCTION</u>	ENGINEER: <u>T.KAUTT/576849</u>	DATE: <u>8-SEP-2010</u>
FROM	TO		
<u>7000 FT</u>	<u>12066 FT</u>		

### REMARKS

ISS CUTOFF VALUE FOR COAL/WASHOUT IS 700000  
POROSITY CUTOFF VALUE FOR GAS SATURATION IS 5 PU

GASVIEW LOG PROCESSED IN THREE ZONES:

- ZONE 1: 7000-8050 FT
- ZONE 2: 8050-8450 FT
- ZONE 3: 8450-12066 FT

SGCORF = GAS SATURATION WITH GAS CUT CEMENT CORRECTION APPLIED  
SGCRVF = GAS SATURATION WITHOUT GAS CUT CEMENT CORRECTION APPLIED

THE DISPLAYED DYNAMIC ENVELOPE IS FROM THE GAS CUT CEMENT CORRECTION ANALYSIS

# BAKER ATLAS PRELIMINARY GASVIEW SATURATION ANALYSIS

Project : /export/home/willmis/3596\_EXXON\_GASVIEW\_FRU\_197-28A6  
 User : willmis  
 Presentation : densrv01:/export/home/willmis/3596\_EXXON\_GASVIEW\_FRU\_197-28A6/pncgas\_8\_5\_new\_EXXON\_BOND.pdf [5"/100' Scale]  
 Plot Interval : 7000 - 12066 Feet

Data File 1 : F1 : densrv01:/export/home/willmis/3596\_EXXON\_GASVIEW\_FRU\_197-28A6/main\_cor.xtf  
 Created On : Sep 9 03:55:31 2010  
 Company : EXXONMOBIL PRODUCTION COMPANY  
 Well : FRU 197-28A6  
 Field : FREEDOM UNIT  
 File Interval : 3150 - 12316 Feet  
 Oct : NA

