

**COMPANIED LOGS**  
**NEUTRON**  
**CHINA RAY**

FILE NO. \_\_\_\_\_  
 COMPANY: ARCO OIL & GAS CO.  
 WELL: WESTPORT NO. 1 (21-33-36)  
 COUNTY: HILLOSI  
 LOCATION: 01039  
 STATE: OR  
 FIELD COPY: \_\_\_\_\_  
 LOCATION: \_\_\_\_\_  
 DATE: 3-22-89  
 SERVICE ORDER: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 SERVICE ORDER: \_\_\_\_\_

PERMANENT DATA  
 LOGGING HEADLOG FROM: 989 TO: 1344.9  
 DRILLING HEADLOG FROM: 989 TO: 1344.9  
 SEC 23: TUPEN  
 SEC 24: \_\_\_\_\_  
 SEC 25: \_\_\_\_\_  
 SEC 26: \_\_\_\_\_  
 SEC 27: \_\_\_\_\_  
 SEC 28: \_\_\_\_\_  
 SEC 29: \_\_\_\_\_  
 SEC 30: \_\_\_\_\_  
 SEC 31: \_\_\_\_\_  
 SEC 32: \_\_\_\_\_  
 SEC 33: \_\_\_\_\_

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IN MAKING INTERPRETATION OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGMENT, BUT SINCE OUR INTERPRETATION IS BASED ON THE INFORMATION PROVIDED TO US, WE DO NOT WARRANT THE ACCURACY OR COMPLETENESS OF OUR INTERPRETATION. WE ARE NOT RESPONSIBLE FOR ANY LOSSES, DAMAGES OR EXPENSES INCURRED BY THE CUSTOMER OR SYSTEMS OPERATING FROM THE INFORMATION PROVIDED BY US OR OUR SERVICES.

**ATLAS LOG SERVICES**  
 Houston, Dallas, International

REMARKS RUN ( 1 )

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	CEL 2	81249	1532XR	HEAD CENT
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1	1	CEL 2	81249	1532XR	HEAD CENT
1	1	CEL 2	81249	1532XR	HEAD CENT

PARAMETERS

NAME	DEPTH	VALUE	UNITS
CAL CORR	5900 TO 989	8.500	INCH
CHI SMTH	5900 TO 989	ACTIVE	
EPS M200	5900 TO 989	0.000	
EPS M200	5900 TO 989	2.522	
MATRIX	5900 TO 989	SANDSTONE	
O.D.	5900 TO 989	0.000	INCH
RHO F	5900 TO 989	0.989	G/CC
RHO M	5900 TO 989	2.650	G/CC
SALINITY	5900 TO 989	0.000	PPM

DISPLAY SCALE CHANGES  
 \*\*\* NONE \*\*\*

COMPANY: ARCO OIL & GAS CO. RUN: 1  
 WELL NAME: WESTPORT NO. 1 (21-33-36) TRIP: 1  
 SERVICE: X 5491 FILE: 5 DATE: 3/21/89 TIME: 17:12:13  
 REVISION: FSYSL REV 0506 VER 2 MODE: PLAYBACK

