DOGAMI #508

Schlumberger

BORDIP

8' X 2; X 40 Degr.

COMPANY:	NORTHWEST NATURAL GAS CO.
WELL:	IW 22DH-22-65
FIELD:	MIST GAS STORAGE
STATE:	OREGON
COUNTRY:	USA

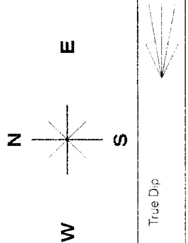
SCANNED

Date Processed:	28-JAN-1998	Date Logged:	23-JAN-1998
Job Number:	84977	Processed at:	Bakersfield ICS
Well Location:	N 03-03-15 E 2286.41' & S 86-56-45 1915.16' from the SW corner of Sec.22		
Latitude:		Longitude:	
Elevations:	KB: 595.7ft DF:	GL: 579.7ft	

FOLD HERE

The well name, location and borehole reference data were furnished by the customer

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretations made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule



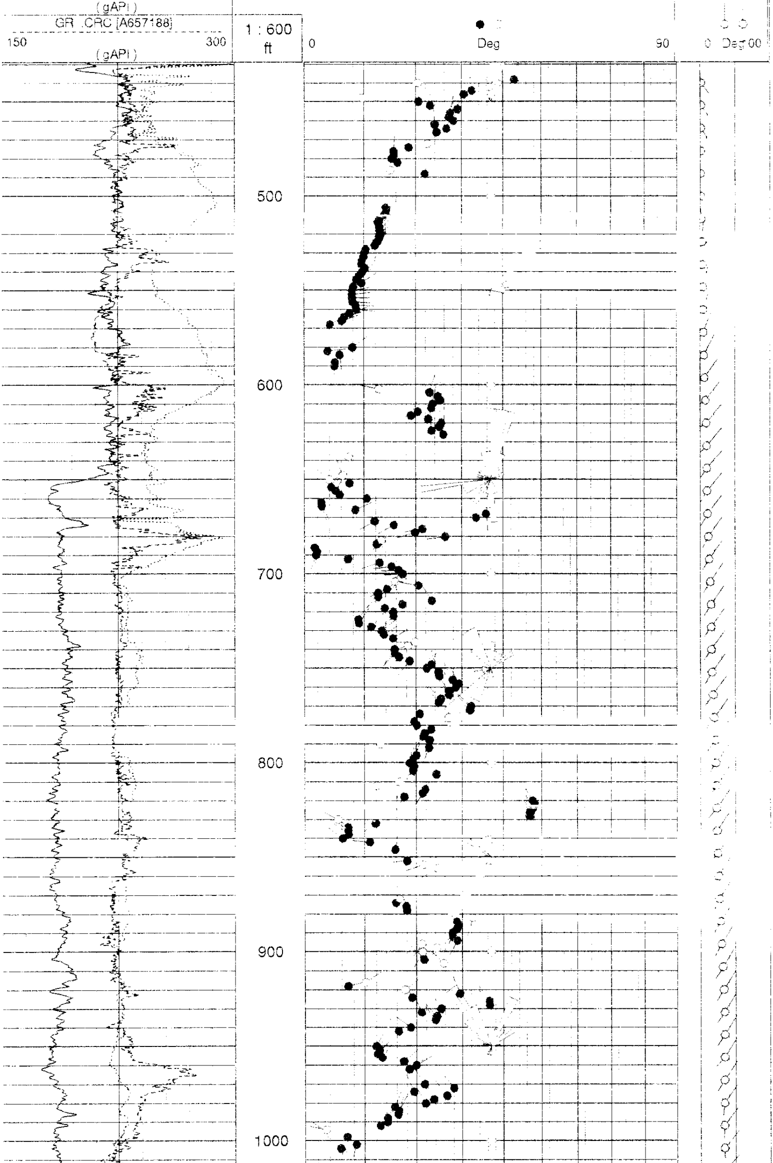
True Dip

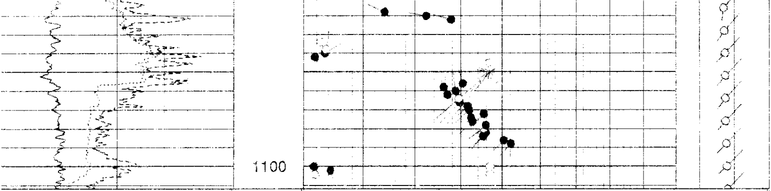
Borehole dri

C1 LISA 001 0-LIS-NS
8 (in) 18

C2 LISA 001 0-LIS-NS
8 (in) 18

GR CRC [A657188]
0 150





GR .CRC [A657188]
150 300
(gAPI)

GR .CRC [A657188]
0 150
(gAPI)

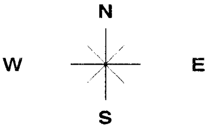
C2 .LISA .001 .0-LIS-NS
8 18
(in)

C1 .LISA .001 .0-LIS-NS
8 18
(in)

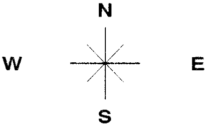
1 : 600
ft

True Dip
● ○
0 Deg 90

oreHole drif
○ ○
0 Deg 100



True Dip



True Dip

C1 .LISA .003 .0-LIS-NS
6 16
(in)

C2 .LISA .003 .0-LIS-NS
6 16
(in)

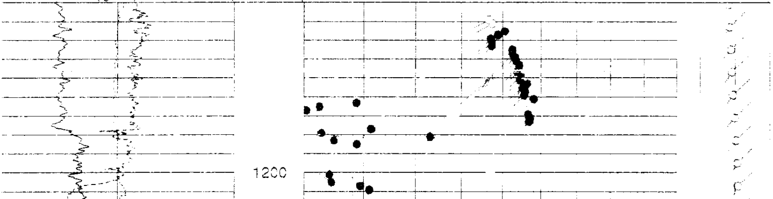
GR .CRC [A654488]
0 150
(gAPI)

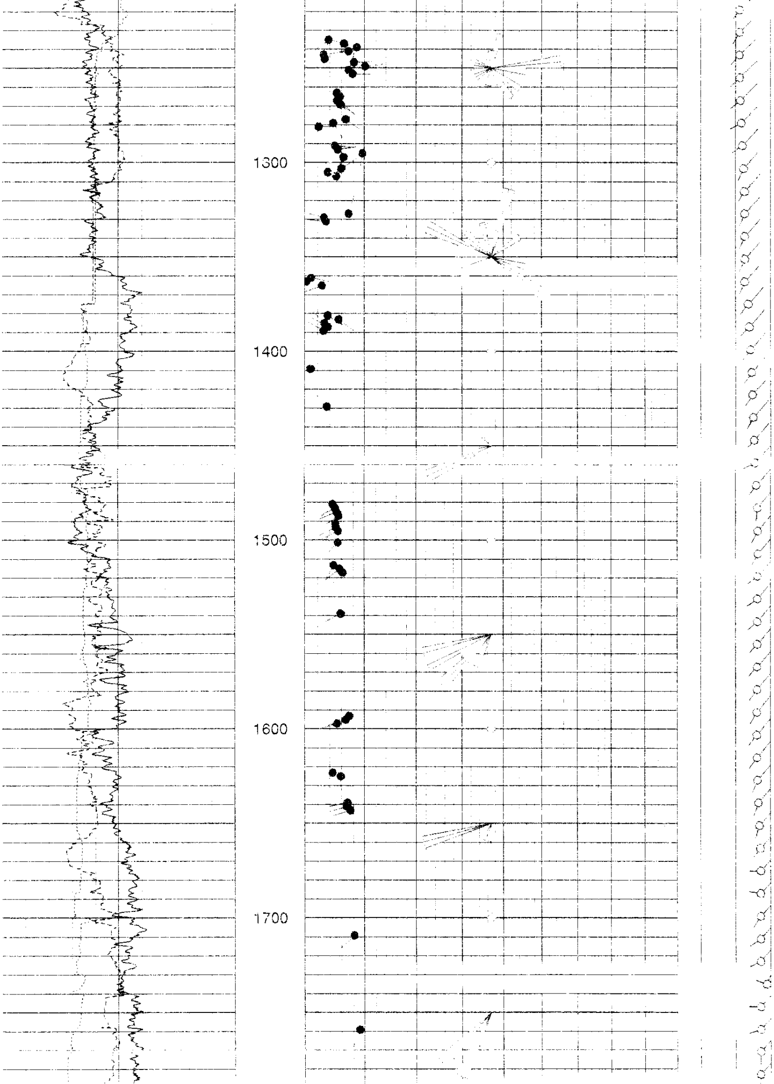
GR .CRC [A654488]
150 300
(gAPI)

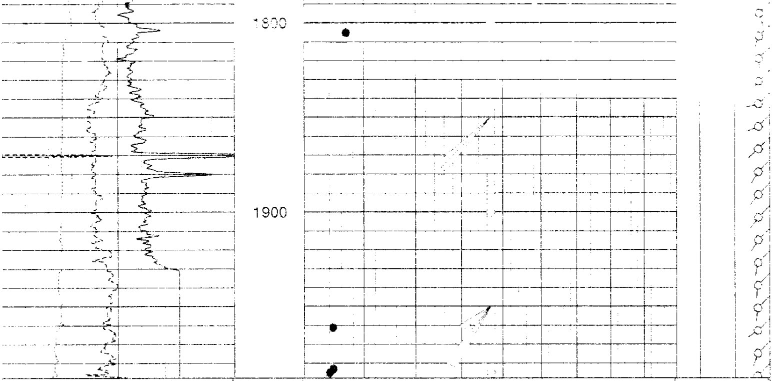
1 : 600
ft

True Dip
● ○
0 Deg 90

oreHole drif
○ ○
0 Deg 100







GR .CRC [A654488]
150 300
(gAPI)

GR .CRC [A654488]
0 150
(gAPI)

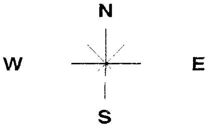
C2 .LISA .003 .0-LIS-NS
6 16
(in)

C1 .LISA .003 .0-LIS-NS
6 16
(in)

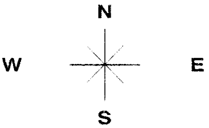
1 : 600
ft

True Dip
● ○
0 Deg 90

oreHole dri
0 Deg 100



True Dip



C1 .LISA .005 .0-LIS-NS
6 16
(in)

C2 .LISA .005 .0-LIS-NS
6 16
(in)

True Dip

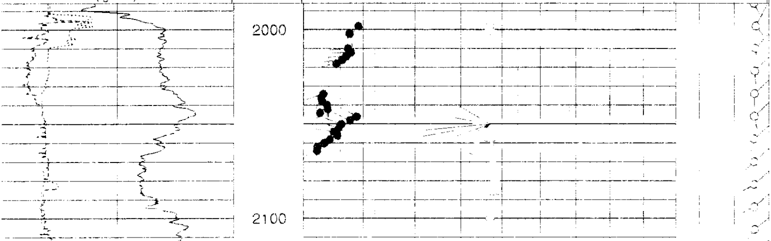
GR .CRC [A652470]
0 150
(gAPI)

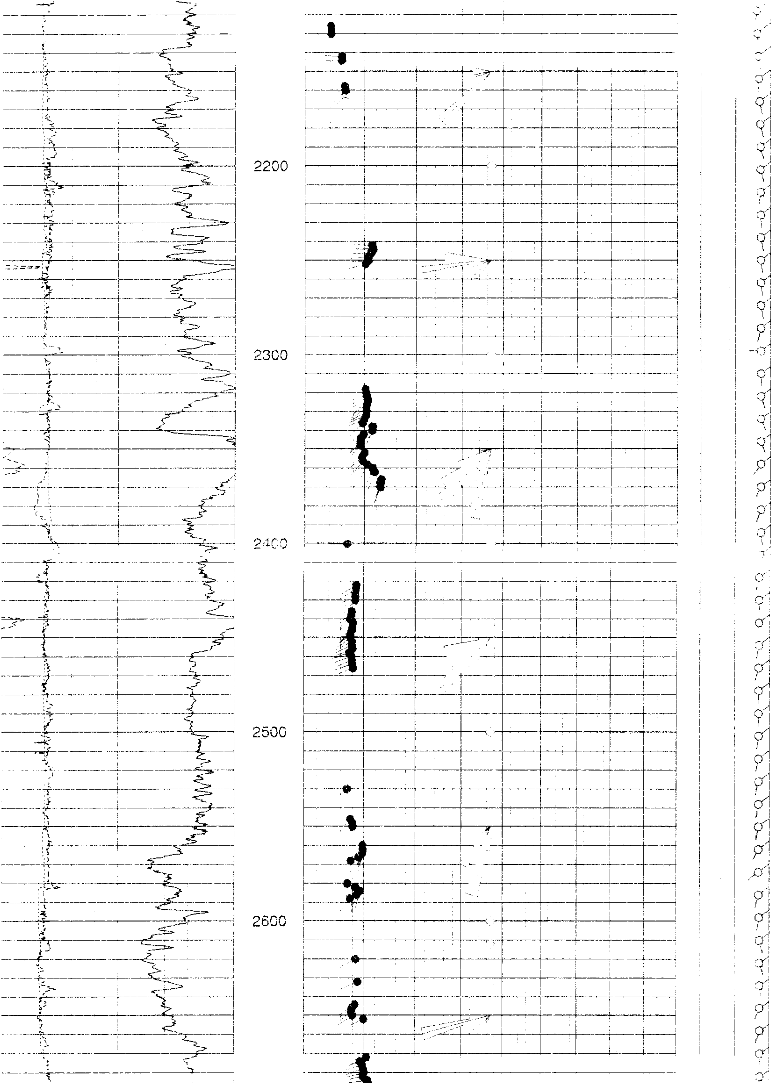
GR .CRC [A652470]
150 300
(gAPI)

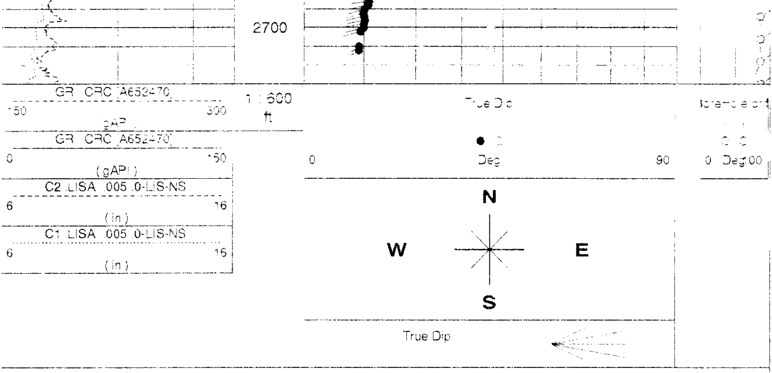
1 : 600
ft

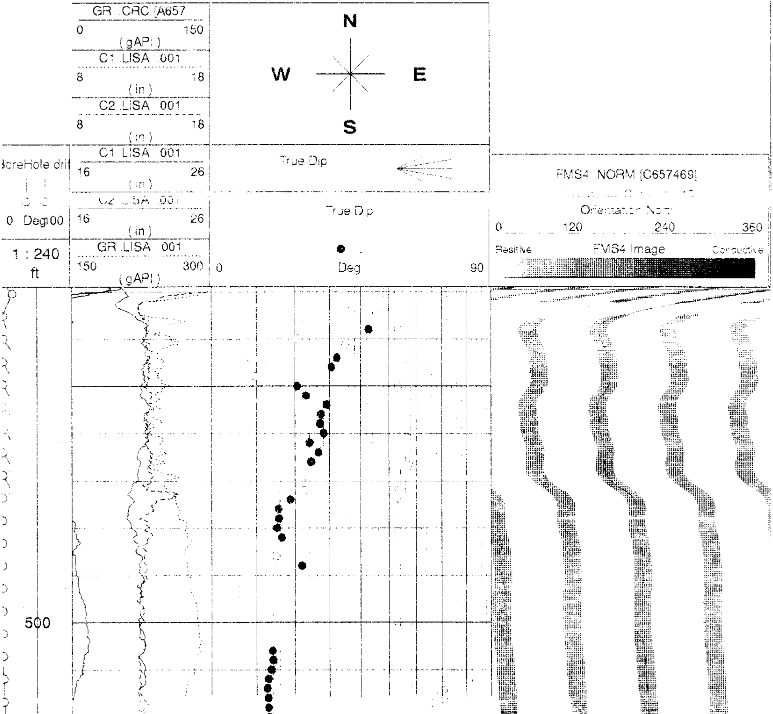
True Dip
● ○
0 Deg 90

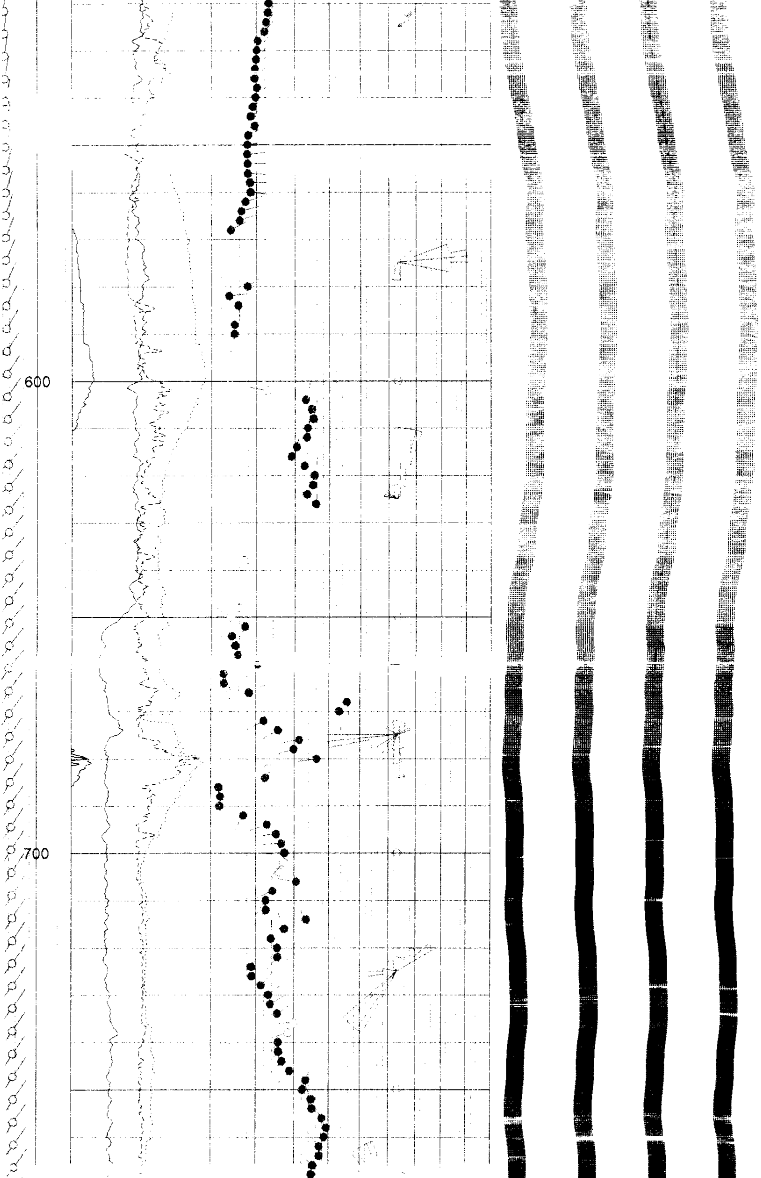
oreHole dri
0 Deg 100

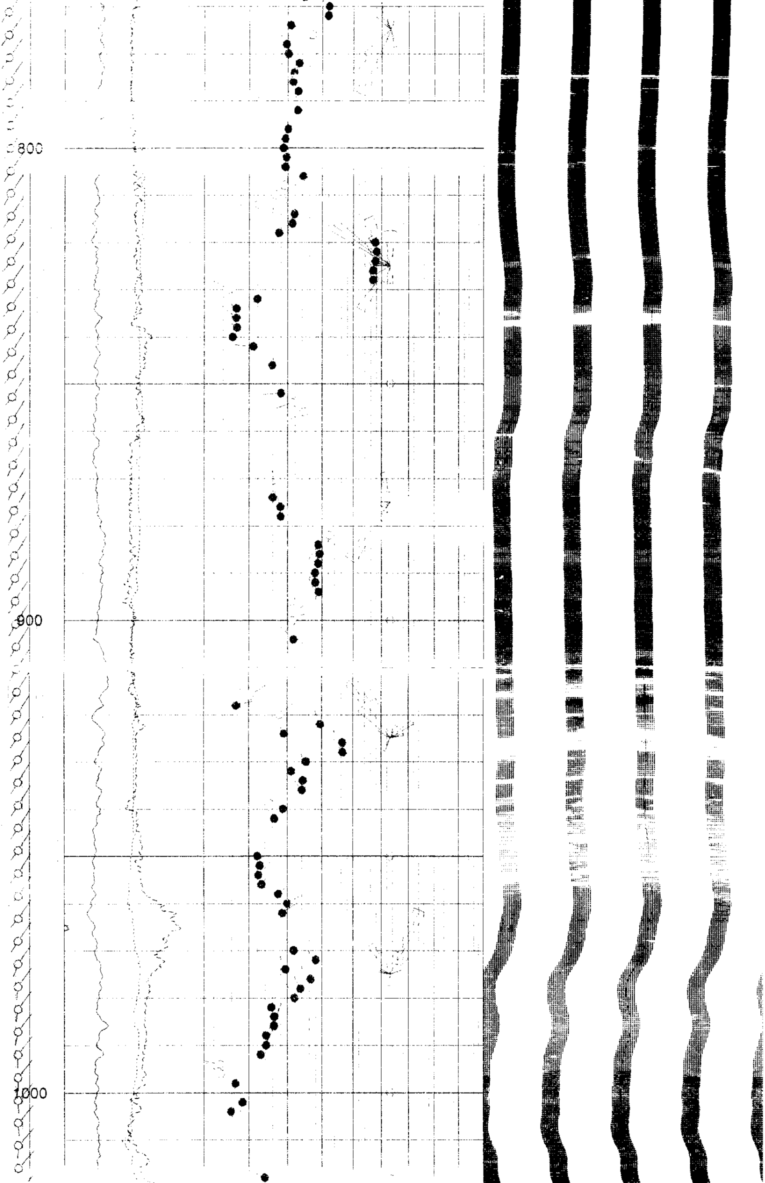


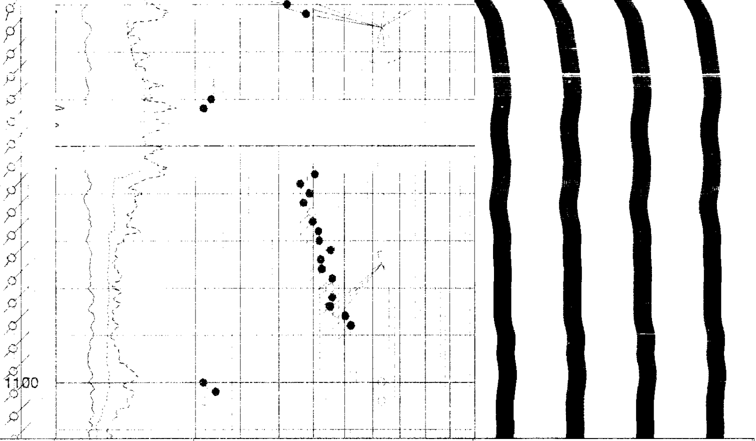












1 : 240
ft

BoreHole dri

0 Deg100

GR .LISA .001
150 300
(gAPI)

C2 .LISA .001
16 26
(in)

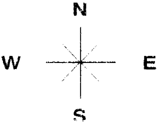
C1 .LISA .001
16 26
(in)

C2 .LISA .001
8 18
(in)

C1 .LISA .001
8 18
(in)

GR .CRC [A657
0 150
(gAPI)

True Dip
●
0 Deg 90



True Dip

FMS4 .NORM [C657469]
Horizontal Scale: 1 : 13
Orientation North
0 120 240 360
Resitive FMS4 Image Conductive

DB1 .LISA .003 .0-LIS-NSDIP
-50 500
( )

DB1A .LISA .003 .0-LIS-NSDIP
-100 500
( )

DB2 .LISA .003 .0-LIS-NSDIP
-200 400
( )

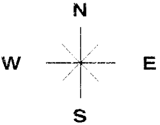
DB2A .LISA .003 .0-LIS-NSDIP
-250 355
( )

DB3 .LISA .003 .0-LIS-NSDIP
-350 300
( )

DB3A .LISA .003 .0-LIS-NSDIP
-340 220
( )

DB4 .LISA .003 .0-LIS-NSDIP
-500 150
( )

DB4A .LISA .003 .0-LIS-NSDIP



GR .CRC [A654
0 150
(gAPI)

BoreHole dri

0 Deg100

C1 .LISA .003
6 16
(in)

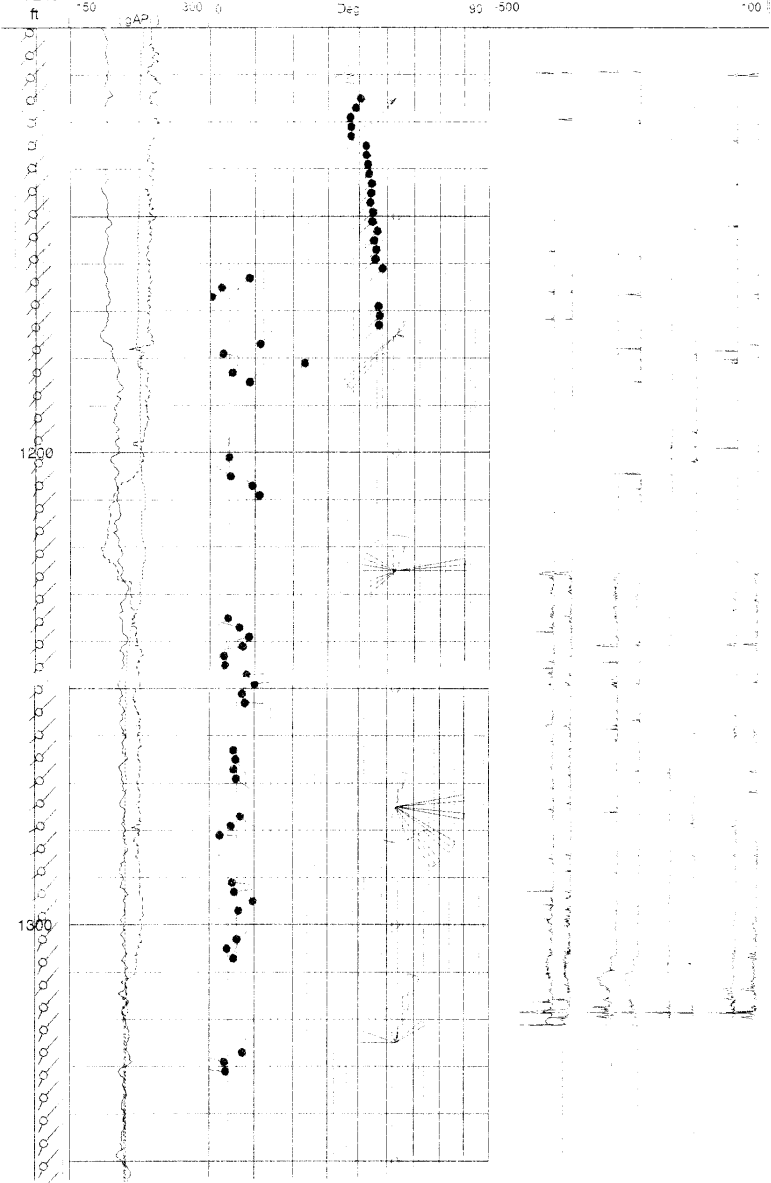
C2 .LISA .003
6 16
(in)

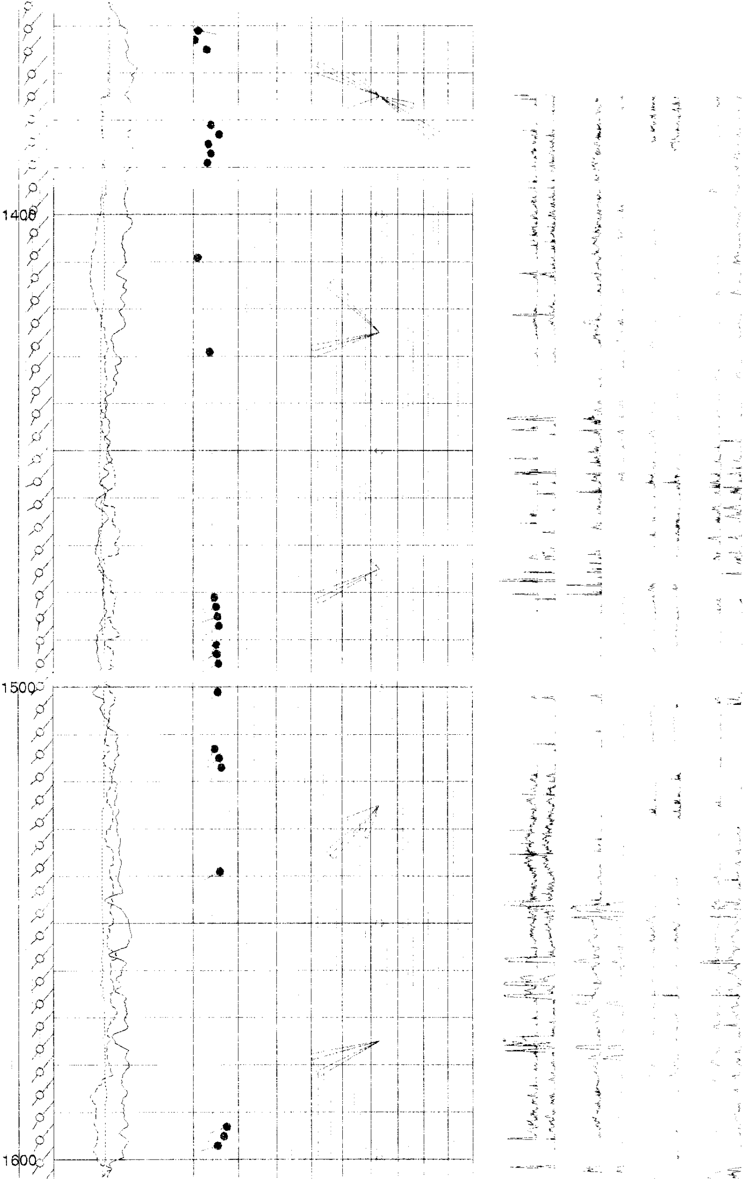
True Dip

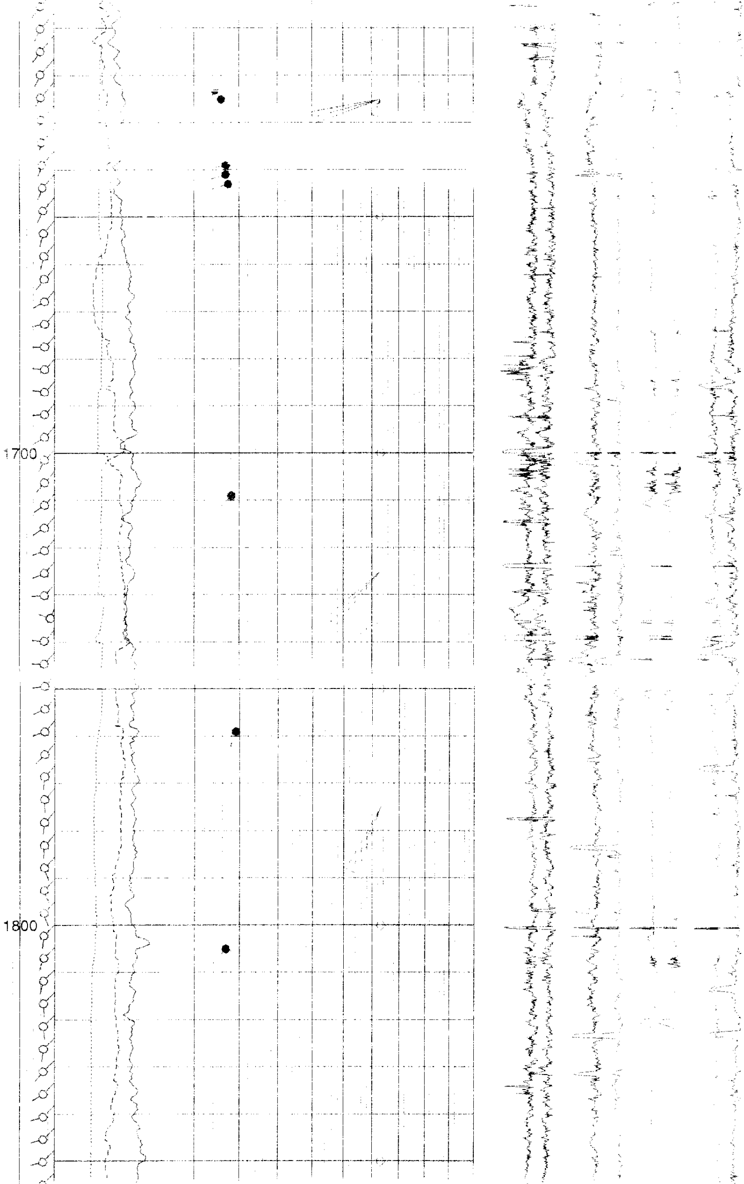
True Dip
●

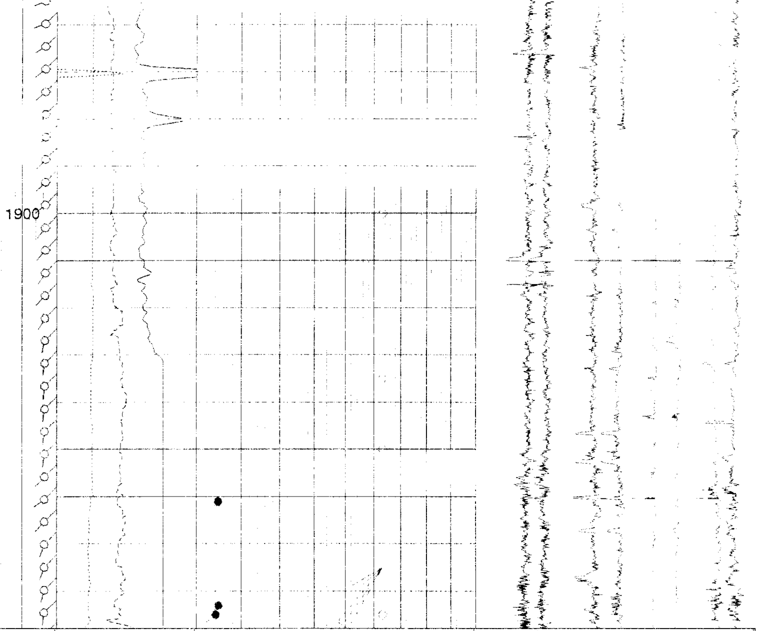
1 : 240

GR .LISA .003









1 : 240
ft

BoreHole drif
0 Deg 100

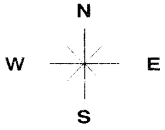
GR .LISA .003
150 300
(gAPI)

C2 .LISA .003
6 16
(in)

C1 .LISA .003
6 16
(in)

GR .CRC [A654
0 150
(gAPI)

True Dip
●
0 Deg 90



True Dip

DB4A .LISA .003 .0-LIS-NSDIP
-500 100
( )

DB4 .LISA .003 .0-LIS-NSDIP
-500 150
( )

DB3A .LISA .003 .0-LIS-NSDIP
-340 220
( )

DB3 .LISA .003 .0-LIS-NSDIP
-350 300
( )

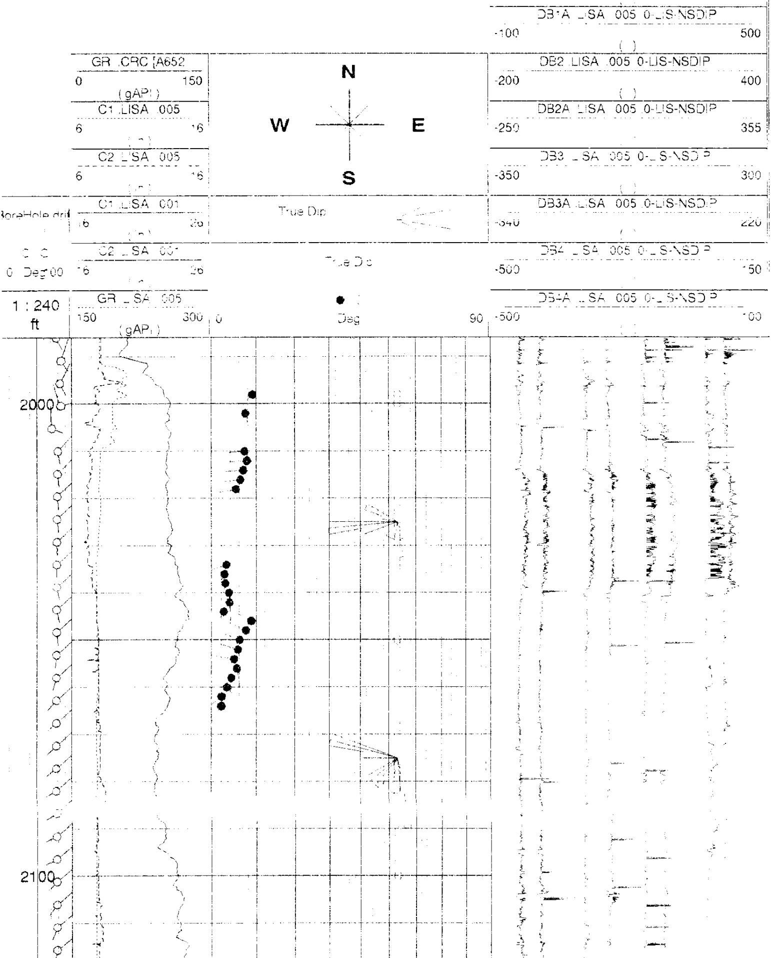
DB2A .LISA .003 .0-LIS-NSDIP
-250 355
( )

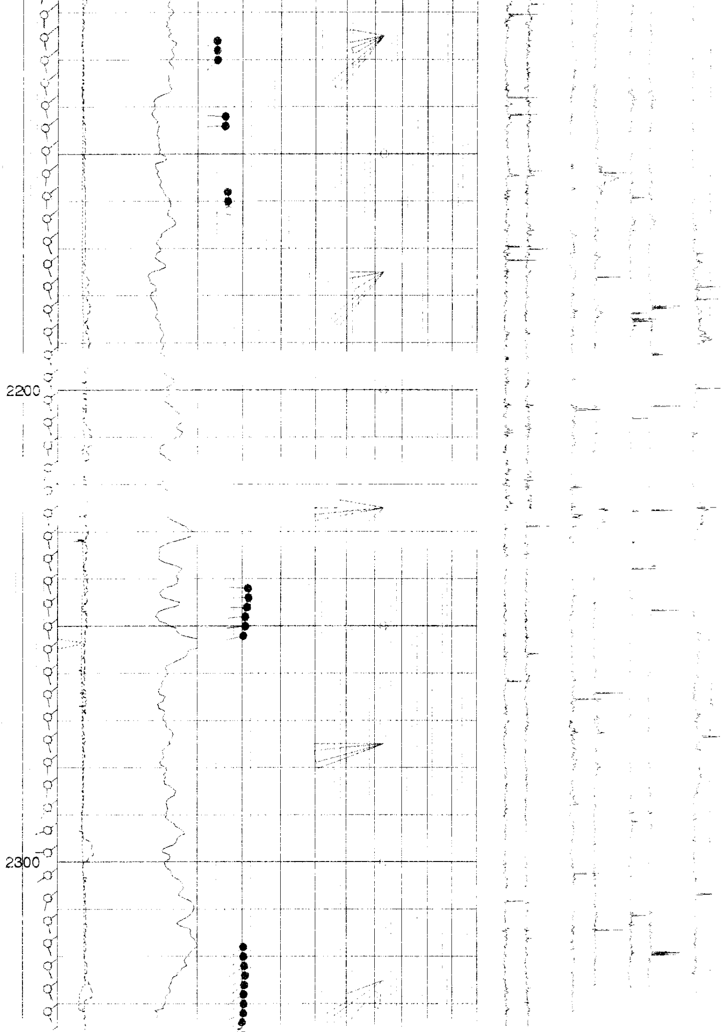
DB2 .LISA .003 .0-LIS-NSDIP
-200 400
( )

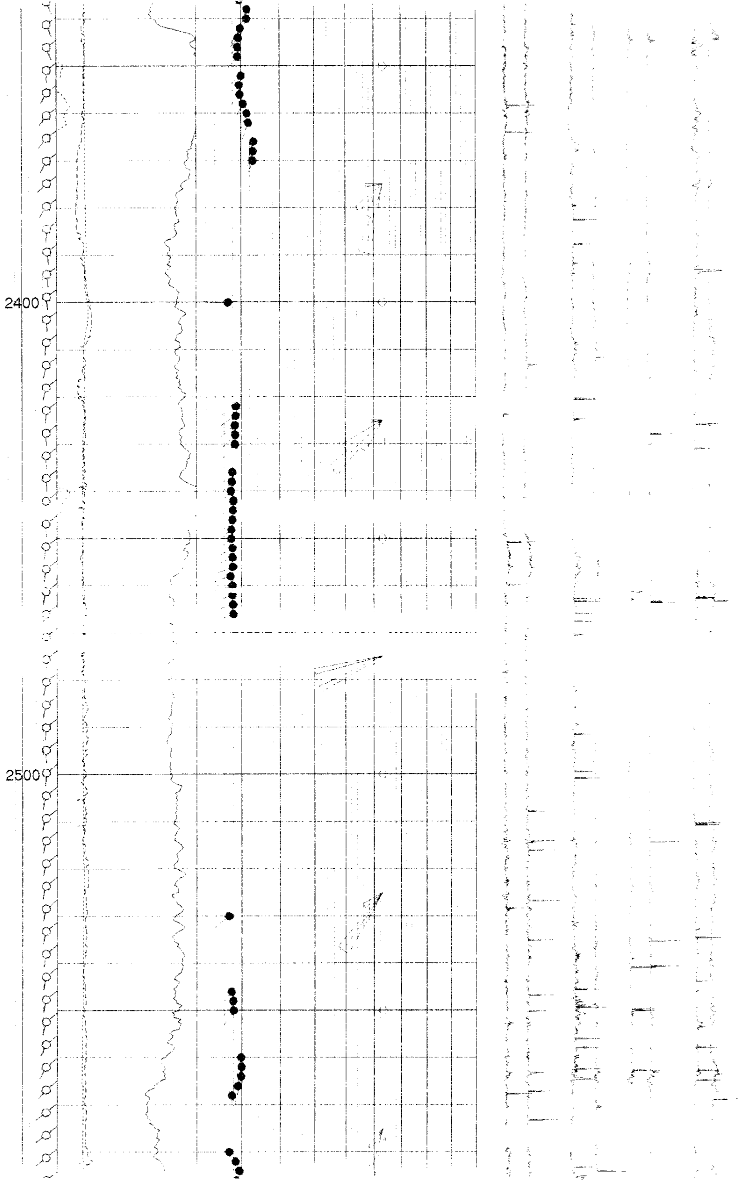
DB1A .LISA .003 .0-LIS-NSDIP
-100 500
( )

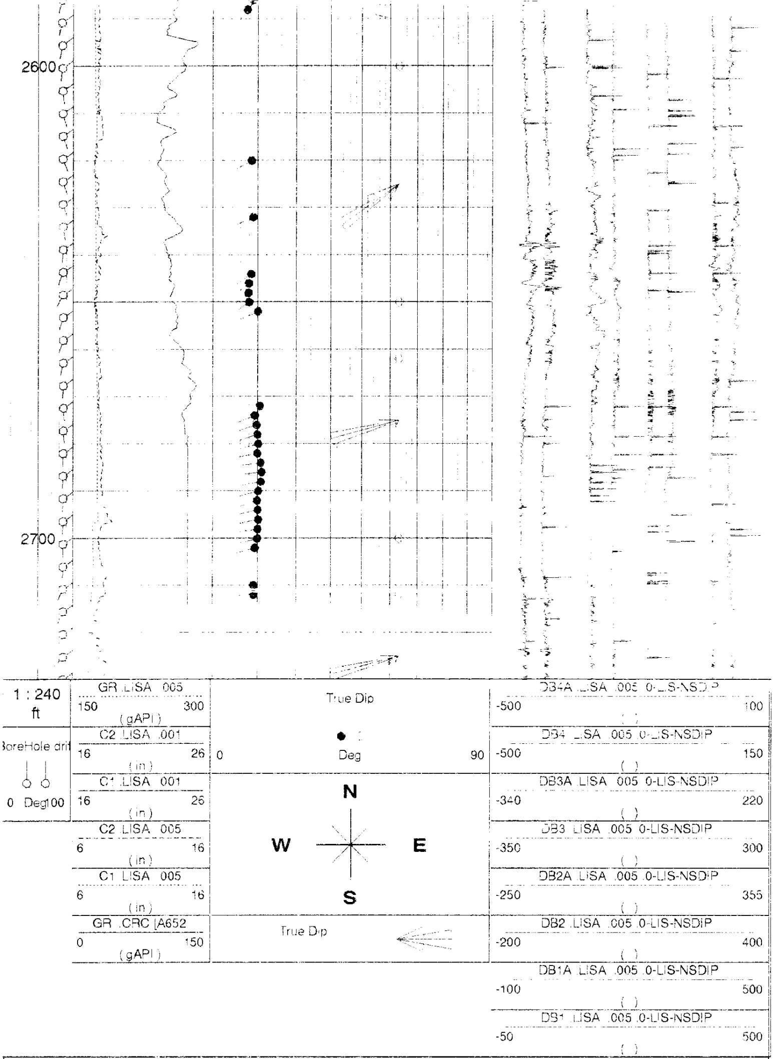
DB1 .LISA .003 .0-LIS-NSDIP
-50 500
( )

DB1 .LISA .005 .0-LIS-NSDIP
-50 500









Company: NORTHWEST NATURAL GAS CO.
Well: IW 22DH-22-65
FIELD: MIST GAS STORAGE
COUNTY: COLUMBIA
STATE: OREGON

Schlumberger

Date Logged:	23-JAN-1998	Date Processed:	28-JAN-1998
Well Location:	N 03-03-15 E 2286.41' & S 86-56-45 1915.16' from the SW cornrer of Sec.22		
Elevations:	KB: 595.7ft	DF:	GL: 579.7ft
API Number:	36-009-00328	Job Number:	