COMPANY: ENERFIN RESOURCES NORTHWEST

WELL: JOHN HANCOCK 22-27-64

FIELD: MIST GAS

COUNTY: COLUMBIA STATE: OREGON

COUNTY: COLUMBIA
Field: MIST GAS
Location: 1979'S & 2432'E FROM THE N
Well: JOHN HANCOCK 22-27-64
Company: ENERFIN RESOURCES NORT

Schlumberger

PLATFORM EXPRESS
ARRAY INDUCTION/SP
NEUTRON/DENSITY/SONIC

LOCATION			
1979'S & 2432'E FROM THE NW CORNER OF SECTION 27	Elev.:	K.B.	1001.8 F
		G.L.	991.8 F
		D.F.	

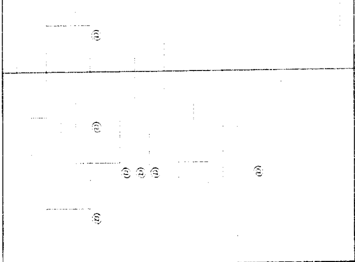
Permanent Datum:	GROUND LEVEL	Elev.:	991.8 F
Log Measured From:	KELLY BUSHING	10.0 F	above Perm. Datum
Drilling Measured From:	KELLY BUSHING		

API Serial No.	SECTION	TOWNSHIP	RANGE
36-009-00333	26	6N	4W

Logging Date		28-OCT-1998		
Run Number		1		
Depth Driller		2211 F		
Schlumberger Depth		2209 F		
Bottom Log Interval		1103 F		
Top Log Interval		497 F		
Casing Driller Size @ Depth		7.000 IN @ 496 F		@
Casing Schlumberger		496 F		
Bit Size		6.250 IN		
Type Fluid In Hole		CYPAN		
MUD Density	Viscosity	9.44 LB/G	38 S	
Fluid Loss	PH	4.6 C3	8	
Source Of Sample		FLOWLINE		
RM @ Measured Temperature		3.600 OHMM @ 72 DEGF		@
RMF @ Measured Temperature		4.070 OHMM @ 70 DEGF		@
RMC @ Measured Temperature		4.370 OHMM @ 70 DEGF		@
Source RMF	RMC	PRESS	PRESS	
RM @ MRT	RMF @ MRT	3.459 @ 75	3.812 @ 75	@ @
Maximum Recorded Temperatures		75 DEGF		
Circulation Stopped	Time	28-OCT-1998	6:45	
Logger On Bottom	Time	28-OCT-1998		
Unit Number	Location	3146	BAKERSFIELD	
Recorded By		CLAYTON CAMPBELL		
Witnessed By				

Run 1

Logging Date			
Run Number			
Depth Driller			
Schlumberger Depth			
Bottom Log Interval			
Top Log Interval			
Casing Driller Size @ Depth			@
Casing Schlumberger			
Bit Size			
Type Fluid In Hole			
MUD Density	Viscosity		
Fluid Loss	PH		
Source Of Sample			
RM @ Measured Temperature			@
RMF @ Measured Temperature			@
RMC @ Measured Temperature			@
Source RMF	RMC		
RM @ MRT	RMF @ MRT	@	
Maximum Recorded Temperatures			
Circulation Stopped	Time		
Logger On Bottom	Time		
Unit Number	Location		
Recorded By			
Witnessed By			



Run 2

Run 3

Run 4

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 INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION 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.

OTHER SERVICES1	OTHER SERVICES2
OS1:	OS1
OS2:	OS2:
OS3:	OS3
OS4:	OS4:
OS5:	OS5:

REMARKS: RUN NUMBER 1

2 CENTRALIZERS USED ON SONIC

0.5 INCH STANDOFFS USED ON ARRAY INDUCTION

REMARKS: RUN NUMBER 2

	RUN 1		RUN 2
SERVICE ORDER #:	6004653	SERVICE ORDER #:	
PROGRAM VERSION:	8C1-205	PROGRAM VERSION:	
FLUID LEVEL:		FLUID LEVEL:	

LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1

SURFACE EQUIPMENT

GSR-U/Y

TCV-AB

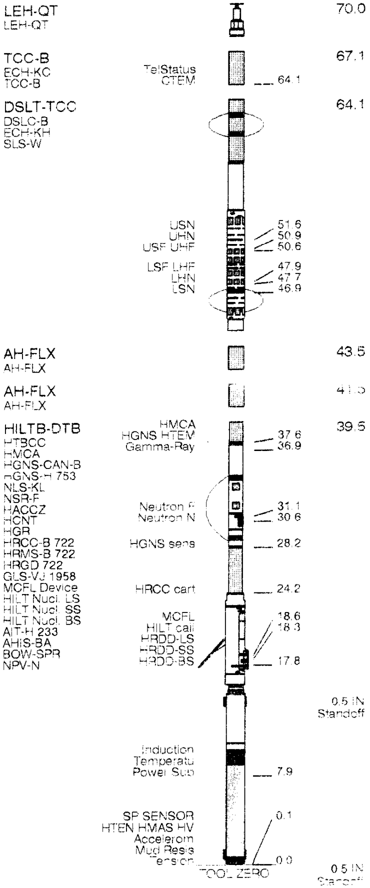
NCT-B

CNB-AB

NCS-VB

RUN 2

DOWNHOLE EQUIPMENT



MAXIMUM STRING DIAMETER 4.88 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN FEET

Input DLIS Files

DEFAULT	HILTB .016	FN:13	FIELD	28-Oct-1998 12:31	2214.0 FT	66.5 FT

Output DLIS Files

DEFAULT	HILTB .019	FN:16	FIELD	28-Oct-1998 12:49	2214.0 FT	66.5 FT

OP System Version: 8C1-205

MCM

HILTB-DTB	8C1-205	DSLT-TCC	8C1-205
TCC-B	8C1-205		

Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
SPNV	-21 MV	-95 MV	1190.0 12:52:42

PIP SUMMARY

Time Mark Every 60 S

AIT-H 20 Inch Investigation (AHO20)
0.2 (OHMM) 200

AIT-H 10 Inch Investigation (AHO10)
0.2 (OHMM) 200

RWA (RWA)
0 (OHMM) 3

AIT-H 30 Inch Investigation (AHO30)
0.2 (OHMM) 200

Gamma Ray (GR)
0 (GAPI) 150

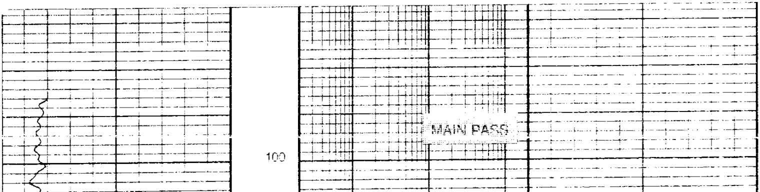
AIT-H 60 Inch Investigation (AHO60)
0.2 (OHMM) 200

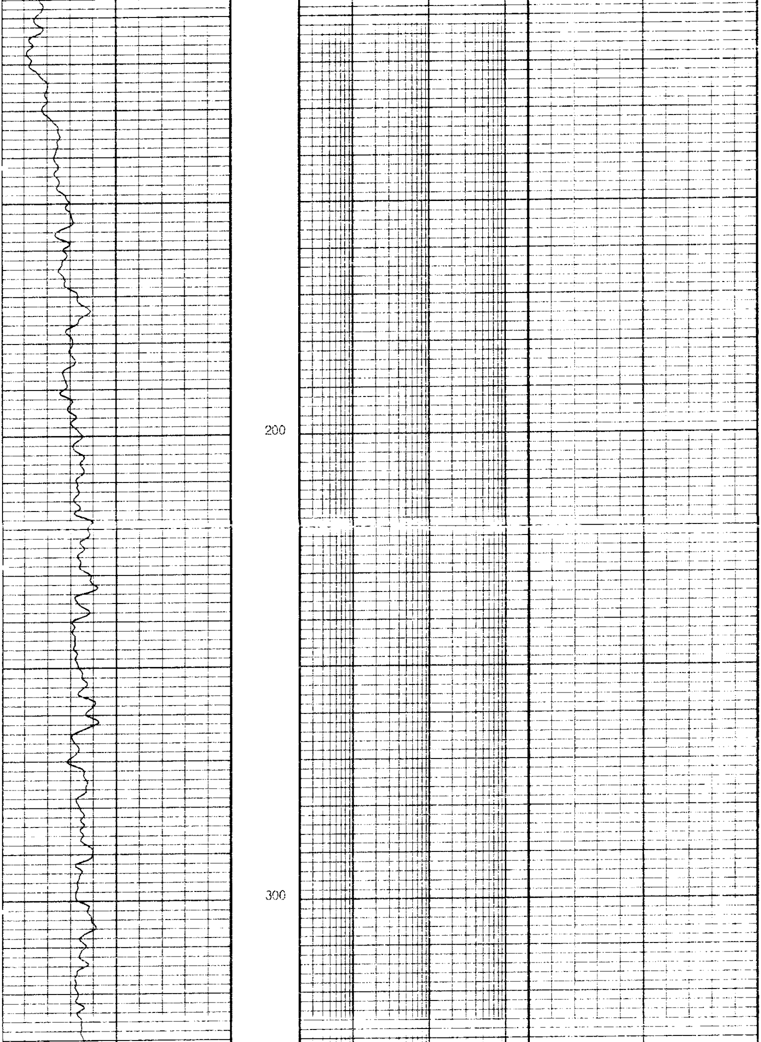
Tension (TENS)
10000 (LBF) 0

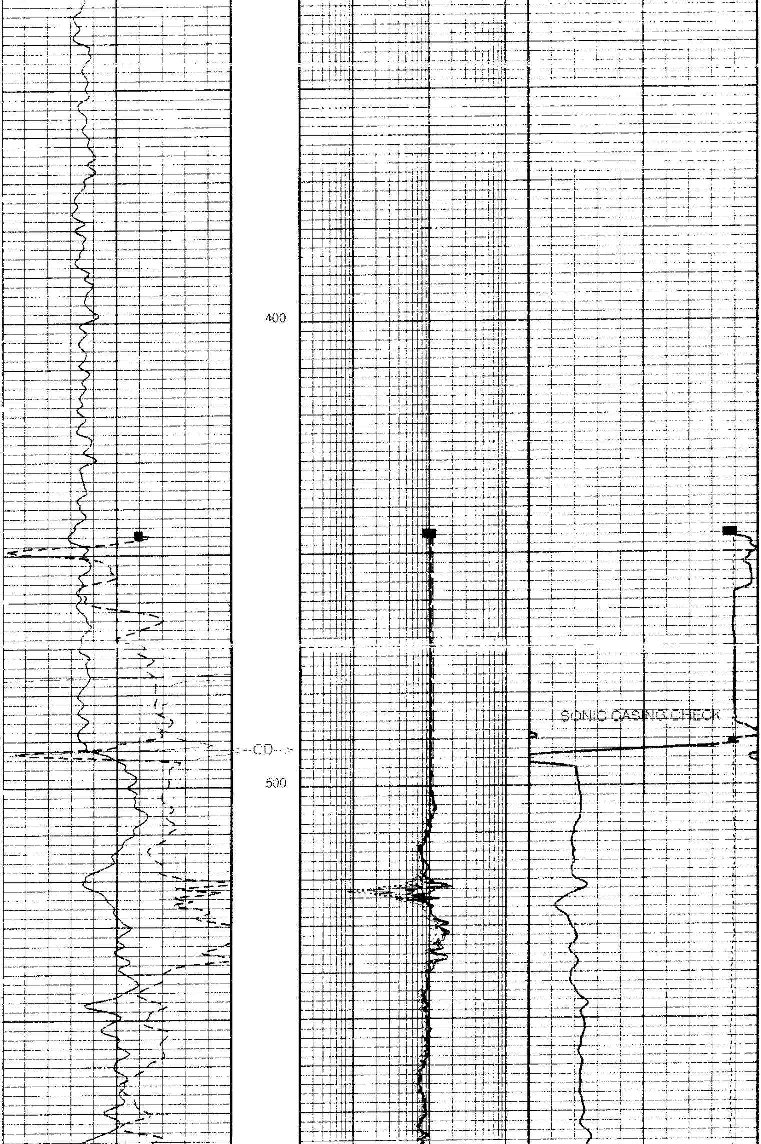
SP (SP)
-100 (MV) 0

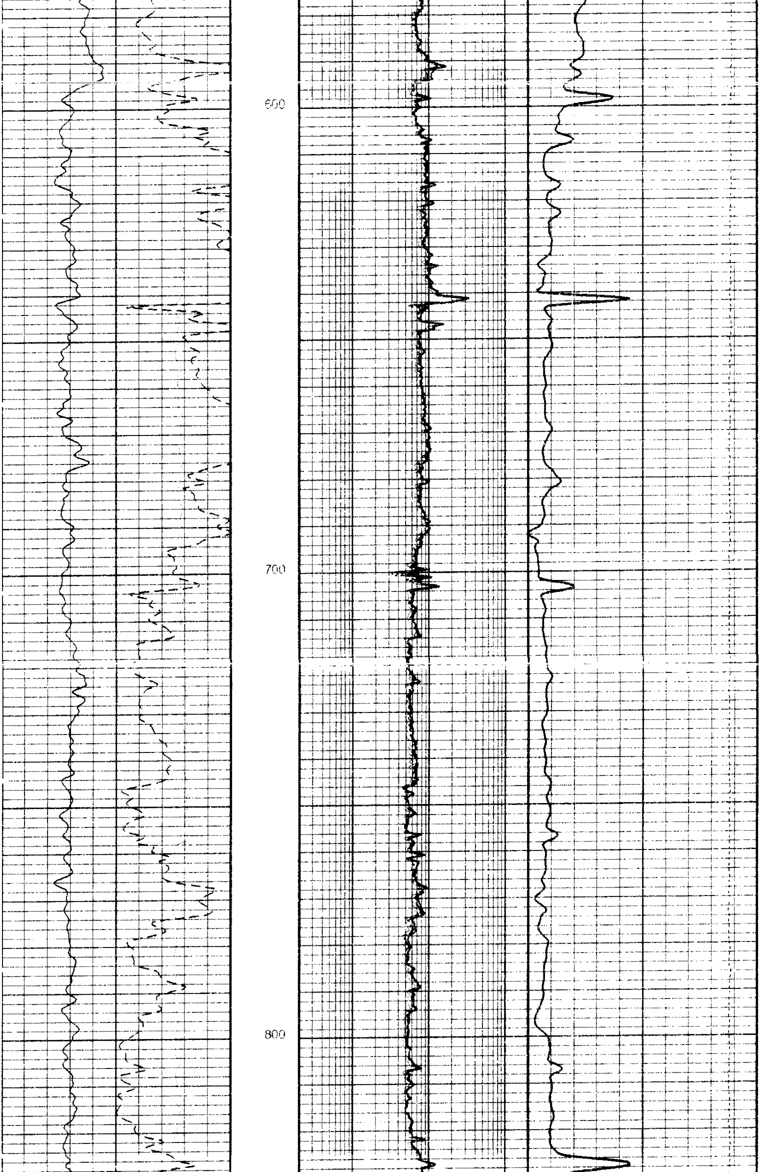
AIT-H 90 Inch Investigation (AHO90)
0.2 (OHMM) 200

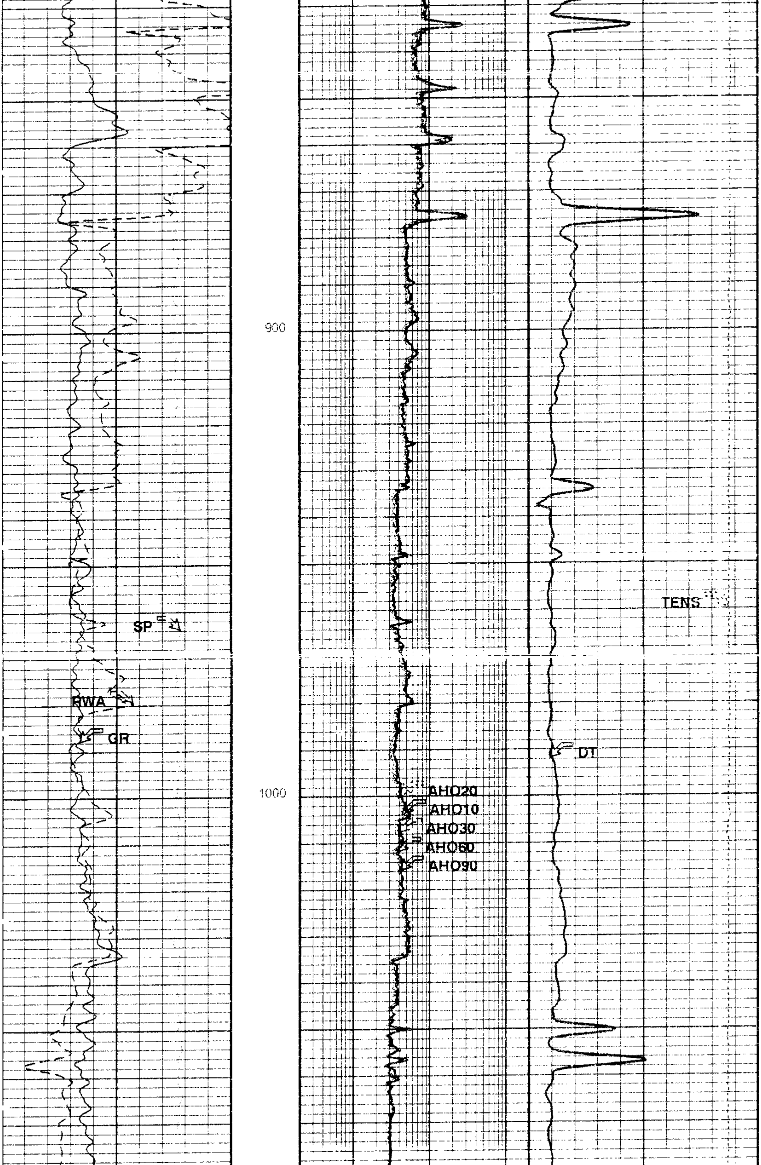
Delta-T (DT)
160 (US F) 60

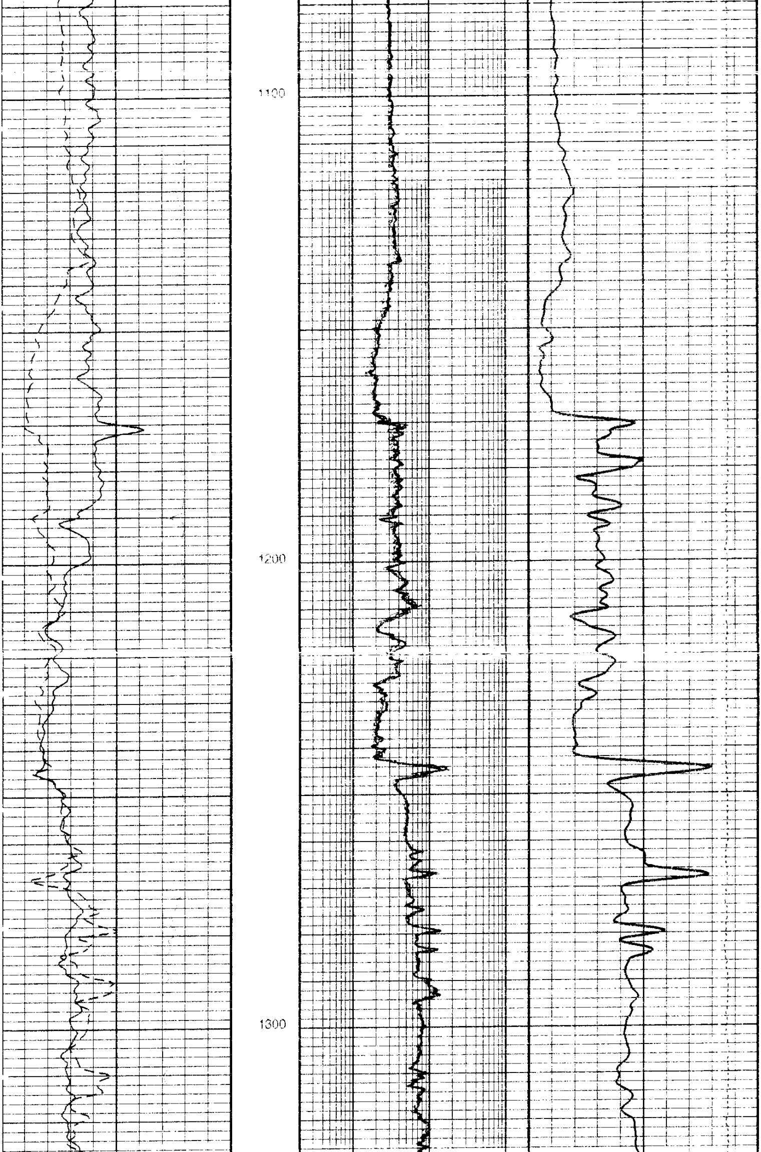


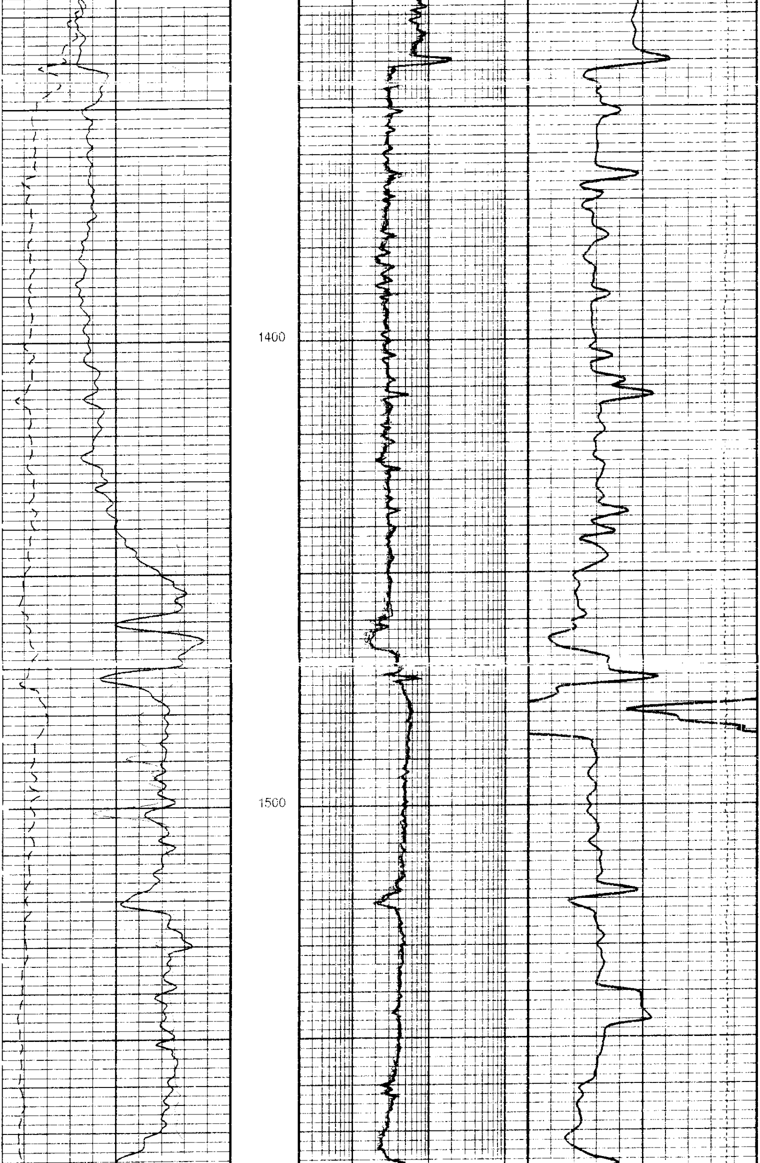


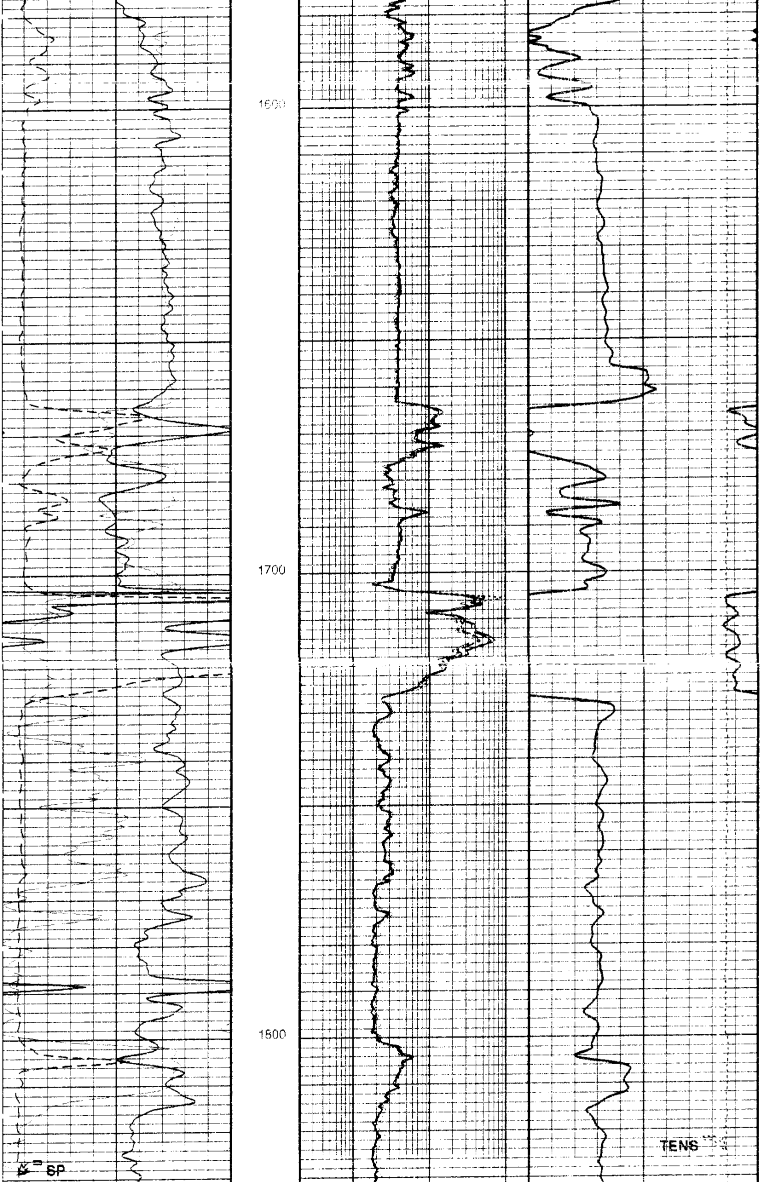


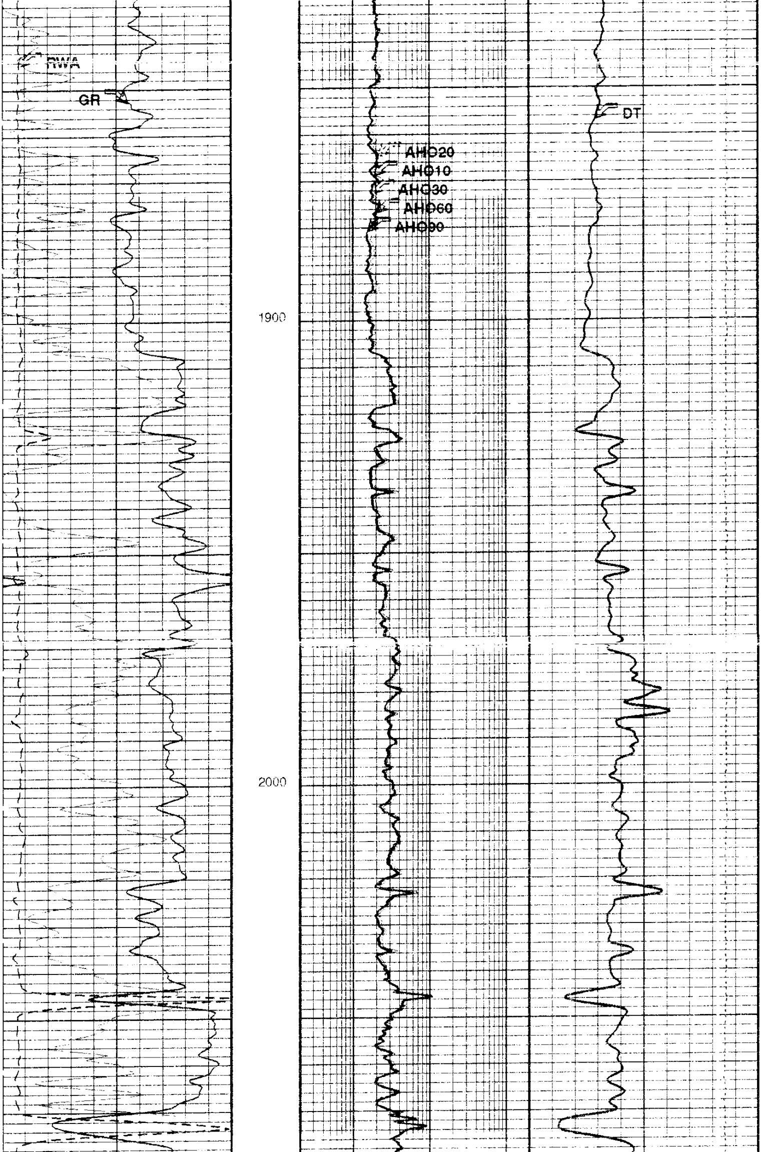


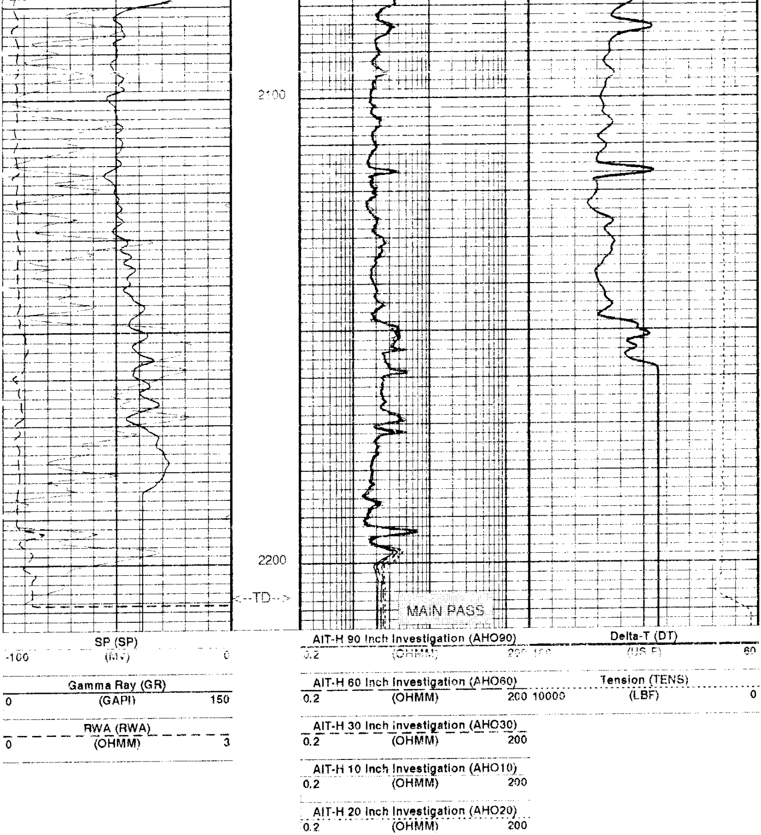












PIP SUMMARY

▮ Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
AHBHM	AIT-H Bhole Correction Mode	2_ComputeStandoff	
AHBLM	AIT-H Basic Logs Mode	6_One_Two_and_Four	
AHCDE	AIT-H Casing Detection Enable	Yes	
AHCEN	AIT-H Tool Centering Flag (in Borehole)	Eccentered	
AHCSED	AIT-H Casing Shoe Estimated Depth	-50000	FT
AHMRF	AIT-H Mud Resistivity Factor	1	
AHSTA	AIT-H Tool Standoff	0.5	IN
ARTS	AIT Rt Selection (for ALLRES computation)	13_AHT90	
BHT	Bottom Hole Temperature (used in calculations)	75.2	DEGF
BS	Bit Size	6.250	IN
DFD	Drilling Fluid Density	9.44	LB/G
DO	Depth Offset	0.0	FT
DTCM	Delta-T Computation Mode	FULL	
FEXP	Form Factor Exponent	2	

FNUM	Form Factor Numerator	1	
FPHI	Form Factor Porosity Source	DPHZ	
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF F
GRSE	Generalized Mud Resistivity Selection	AITH_RESIST	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
HSCM	HILT Speed Correction Mode	TSCD_SPEED_CORRECTION	
HSTI	STI Uses HILT Acceleration	YES	
MODE	Sonic Firing Mode	BHC	
MST	Mud Sample Temperature	72.00	DEGF
PP	Playback Processing	NORMAL	
RMFS	Resistivity of Mud Filtrate Sample	4.0700	OHMM
RTCO	RTCO - Rt Invasion Correction	YES	
RW	Resistivity of Connate Water	1.0000	OHMM
SHT	Surface Hole Temperature	68	DEGF
SPNV	SP Next Value	-95	MV
TD	Total Depth	2211	FT
TWS	Temperature of Connate Water Sample	100.00	DEGF

Format: AIT-SON   Vertical Scale: 5" per 100'   Graphics File Created: 28-Oct-1998 12:49

OP System Version: 8C1-205

MCM

HILTB-DTB	8C1-205	DSLT-TCC	8C1-205
TCC-B	8C1-205		

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COMPANY:	**ENERFIN RESOURCES NORTHWEST**
WELL:	**JOHN HANCOCK 22-27-64**
FIELD:	**MIST GAS**
COUNTY:	**COLUMBIA**
STATE:	**OREGON**

BOTTOM LOG INTERVAL	[illegible]
SCHLUMBERGER DEPTH	[illegible]
DEPTH DRILLER	[illegible]
KELLY BUSHING	[illegible]
DRILL FLOOR	
GROUND LEVEL	[illegible]

Schlumberger

PLATFORM EXPRESS
ARRAY INDUCTION/SP
NEUTRON/DENSITY/SONIC