









Company: Lamont Doherty

Schlumberger

Well: ODP Leg 204 Site 1249B

Field: **Hydrate Ridge**

Ocean: Pacific State: Oregon

GeoVISION Resistivity

1 cm: 2 m

Measured Depth

Geomarket NGC	Location	Youngsville						
Job Date 8-AUG-2002	Customer	Lamont Doherty	1				•	Data Onality Report
Rig JOIDES Resolution	Field/Well	Hydrate Ridge	- 1	Type of Measurement	easu	emer	=	
Engineer Khaled Moudjeber	Job Number	40007682	Res	GR	Den	Neu		When data does not meet standards, put a number in the colum corresponding to the measurement with a corresponding number and remark below. He additional page for remarks
								Positive remarks are welcome; do not append them with a number.
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	Presentation							Kemarks
Description of Well - Names, Geometry, Services, Location and References; General Content Header, user of trademarks, directional data, well plot, order of components, spelling and style, units sensor to toolface angle recorded	Services, Locat a, well plot, orde	tion and References; General Content er of components, spelling and style, units						
Equiment and Software Description								
Tool sketch, equipment numbers, software versions, data rates, filtering weights	versions, data r	ates, filtering weights						
Processing Traceability and Environment Description Acquisition environment, parameters and key constants for each run or zone, complete and relavant remarks	It Description ey constants for	each run or zone, complete and relavant						0c
Annotations, Presented Formats, QC Curves, Print Quality Documented splice points; data gap explanations, mud changes, movement indicator, color selection	rves, Print Qua ations, mud cha	ility inges, movement indicator, color						ility ver 1
Calibratio	Calibration and Verifications	ations				_		erlist
Calibration / Before survey verification / After survey verification	After survey vo	erification						lead.
Validity, completeness (includes equipment number), timeliness, unedited, descrepency explained	number), timeli	ness, unedited, descrepency explained		L	L	L		
Operati	Operating Procedures	S			_	_		Do
Depth Control Comparison with driller's depth, other logs, other bit runs, between RT and RM. Depth summary listing	other bit runs, b	etween RT and RM. Depth summary						
Logging speed and sampling rates As recommended in reference manual or job planner. No loss of data or spatial resolution	b planner. No l	oss of data or spatial resolution						nts
Data Comparison Between runs and passes, with data from nearby wells, other conveyance, mud log and markers	ıearby wells, oth	er conveyance, mud log and markers						suremee
Operating Anomalies/Failure/Missing Data/Sensor Orientation/Transmission Losses Absence of noise and spurious variations, anomaly repeated, corrected, reported or explained	ta/Sensor Orier	ntation/Transmission Losses d, corrected, reported or explained.						g & Mea
Digita	Digital Delivery							Drillir
Digital Products Labeled, verification listing with complete digital record, backup for archival; record matches hard copy.	gital record, bad	skup for archival; record matches						hberger
Job Quality Rating (JQR) Number of boxes without number X 10)R) out number >	< 10	100	100	100	100	100	Schlun
	Environmental effects	ects						
Irregular Operation Excessive ROP or speed, high deviation, shocks, vibrations, sticking conditions	nocks, vibration:	s, sticking conditions						
Borehole Geometry Shape (caves, etc), rugosity, spiralled hole, mud induced fractures. Borehole Fluid	mud induced fr	actures. Casing, tubing conditions						
Barite, KCl, salinity, additives, gas cut, unstable	able							
Interferences External noise, nearby casing or drillpipe, debris, unusual formation composition	ebris, unusual fo	ormation composition						001
Operation Outside Tool Specifications GeomarketTemperature, pressure, hole size, hole deviation, dog-leg severity, flow rate, rpm, solids value of parameter	e, hole deviatior	n, dog-leg severity, flow rate, rpm, solids						ed May 2
Environmental Quality Rating (EQR) Number of boxes without number × 20	y Rating (E	QR) × 20	100	100	100	100	100	Cell Manager: Stefan Mrozewski FSM: Laurent Barraud R

Geomarket NGC	Location	Youngsville							
G-2002	Customer	Lamont Doherty	ı	:				Data Onality Report	
Rig JOIDES Resolution F	Field/Well	Hydrate Ridge	ı yp	Type of Measurement	easure	əment		דמומ אממוון ויססיור	
Engineer Khaled Moudjeber J	Job Number	40007682	Res	GR [Den	Neu	Img		
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Ор	Operation		Ţ	Ļ	Ļ	L	L	Domosto	
Pre:	Presentation	The second Publishers Company Country						1. Good depth control was difficult to achieve in large part because of imperfect	
Description of Well - Names, Geometry, Services, Location and References; General Content Header, user of trademarks, directional data, well plot, order of components, spelling and style, units sensor to toolface angle recorded	rvices, Locat well plot, orde	ion and References; General Content rof components, spelling and style, units		=	_	<u></u>		heave compensation by the AHC. In addition, the well was spudded with only the	
Equiment and Software Description							l 70	PHC in use.	
Tool sketch, equipment numbers, software versions, data rates, filtering weights	rsions, data ra	ates, filtering weights			_	Ļ	L		
Processing Traceability and Environment Description Acquisition environment, parameters and key constants for each run or zone, complete and relavant remarks	Description constants for	each run or zone, complete and relavant						2. The well was spudded at low RPM resulting in very poor image quality.	.0c
Annotations, Presented Formats, QC Curves, Print Quality Documented splice points; data gap explanations, mud changes, movement indicator, color selection	es, Print Qua ons, mud chai	lity nges, movement indicator, color					ω	3. Mudline depth did not match PDR estimates or the driller's torque gauge.	ity ver 1
Calibration and Verifications	and Verific	ations] 1		<u> </u>			der Uti
Calibration / Delote survey verification / Arter survey verification	tel sulvey ve	SIIICARIOII							Hea
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Operating	Operating Procedures	S		-	_	_]- 		[
Depth Control Comparison with driller's depth, other logs, other bit runs, between RT listing	ner bit runs, be	tween RT and RM. Depth summary	_		_	_	<u> </u>		
Logging speed and sampling rates As recommended in reference manual or job planner.		No loss of data or spatial resolution				2	1 1		nts
Data Comparison Between runs and passes, with data from nearby wells, other conveyance, mud log and markers	ırby wells, oth	er conveyance, mud log and markers	ω	ω			1		sureme
Operating Anomalies/Failure/Missing Data/Sensor Orientation/Transmission Losses Absence of noise and spurious variations, anomaly repeated, corrected, reported or explained	Sensor Orien omaly repeate	tation/Transmission Losses d, corrected, reported or explained.							g & Mea
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Environ	Environmental effects	ects							
Irregular Operation Excessive ROP or speed, high deviation, shocks, vibrations, sticking conditions	cks, vibrations	sticking conditions					1 1		
Borehole Geometry Shape (caves, etc), rugosity, spiralled hole, mud induced fractures.	ud induced fra	actures. Casing, tubing conditions					1 1		
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