

DANIELLA FOY

MGeol (Hons)



COMPETENCIES:

- **Horizontal Wells:** Biostratigraphical monitoring of horizontal reservoirs in the Danish North Sea for Maersk. Highly deviated (geosteering) drilling in Dutch Sector for Taqa.
- **Biosteering:** Realtime biostratigraphic analysis in horizontal reservoir sections (>25 wells)
- **LWD/ MWD/ MDT Type Pressure Tests/Sample Collection:** Experience with OnTrak, AziTrak, Arc, TeleScope, EcoScope, StethoScope, Borehole Image Logs, PowerDrive, AutoTrak, WellGuide, MDT and RCI formation pressure testing.
- **Well Planning:** Managing multidisciplinary and interdepartmental projects. Regional correlation studies, using wireline log, lithological and biostratigraphic data. Single and multiple well stratigraphic studies.
- **Reporting:** Report writing and QC. Compilation and quality control of stratigraphic data. Client meetings, DWOP meetings, marketing and promotion.

EDUCATION AND TRAINING:

- MGeol (Hons.) Geology, University of Plymouth, 2002-2006
- Wireline Log Interpretation (internal FRL training course), 2008
- International School on Foraminifera, Urbino, 4th Course, 2011STAG • Wellsite and Operations Geologist, 2012
- STAG Basic Log Interpretation, 2012
- STAG Pore Pressure Evaluation, 2012
- International School on Foraminifera, Urbino, 6th Course 2013
- MIST, valid until 2016

CERTIFICATION:

- OPITO / NOGEP. BOISET Offshore survival. Valid till March 2019
- OLF. Norwegian Oil and Gas accepted upgrade to the Norwegian Continental Shelf
- NOGEP. Offshore Medical. Valid till August 2016
- NOGEP. H2S Introduction. Valid till December 2018
- NOGEP / OPITO. CA - EBS initial deployment training

INDUSTRY EXPERIENCE

2012 - Now
Netherlands

GEOSCIENTIST

Diligent Geoscientist with over 6 years experience offshore and onshore. Responsible for real time decision making at the wellsite. Clear and efficient communicator.

ORANJE NASSAU ENERGIE Wellsite Geologist

Conventional vertical and deviated drilling in the Dutch offshore into chalk, claystone, sandstone and evaporites. Realtime L/MWD interpretation and correlation using Gamma, Resistivity, Neutron Density, Neutron Porosity, Nuclear Magnetic Resonance and Sonic. Identifying coring and casing points. Supervision of cutting, retrieval and onsite processing of core. Lithological descriptions of core chips, drilled cuttings and cavings (including hydrocarbon shows analysis where relevant). Supervision of Wireline operations including formation pressure testing and spectral gamma ray logging. Supervision of Mudlogging and LWD team. Production of daily geological report. Production of wellsite lithological log and composite well log (using LogPlot7). In the office; production of the end of well reports and post mortem reports, QC final well reports from some service companies, production of final composite logs, attend and present at DWOP meetings.

Wells:

- L16-16A (Vertical Exploration Well)
- P11-11 (Deviated Exploration Well)
- M07-08 (Deviated Appraisal Well)
- L11B-A09 (Deviated Appraisal Well)

TAQA ENERGY BV Wellsite Geologist

Conventional vertical and deviated drilling in the Dutch offshore into chalk, claystone and sandstone. Realtime L/MWD interpretation and correlation using Gamma, Resistivity, Neutron Density, Neutron Porosity, FPWD (Formation Pressures While Drilling) and borehole image logs. Assisting in Geosteering operations. Identifying coring and casing points. Supervision of cutting, retrieval and onsite processing of core. Lithological descriptions of core chips, drilled cuttings and cavings (including hydrocarbon shows analysis where relevant). Supervision of Mudlogging and LWD team. Production of daily geological report. Production of wellsite lithological log and composite well log (using LogPlot7). In the office; production of the end of well reports and post mortem reports, QC final well reports from some service companies, production of final composite logs, attend and present at DWOP meetings.

Wells:

- P15-Rijn-A02Z (Geosteered Development Well)
- P15-18 (Vertical Exploration Well)

Denmark

MAERSK OLIE OG GAS

Wellsite Geologist

On the deviated overburden sections of the Gorm N-15A & B well, used Baker Atlas wireline and BHI MWD tools, into siliclastic and carbonate lithology, supervision of mudlogging crew. Supervision of biostratigraphers (micropalaeontology) MWD log analysis. Lithological analysis and descriptions of drilled cuttings and cavings. Reporting back to ops geologist. Wireline supervision & witnessing, production of daily geological report, final well report and well data spreadsheet. Supervision of subsurface team, real time cuttings and MWD analysis, well correlation, liaison with drill floor, directional driller and company rep.

UK NS

CHEVRON

Wellsite Geologist

In the Captain / Alba Fields on the conventional deviated and horizontal development reservoir sections, into sandstone, limestone & claystone. Used GEO software and BHI Azittrak, ontrak MWD tools. Responsibilities included supervision of mudlogging crew, MWD log analysis, lithological analysis and descriptions, show analysis (cut and natural fluorescence), generation of interpreted lithology log, supervision of subsurface team, real time cuttings and MWD analysis, well correlation.

CHEVRON

Wellsite Micropalaeontologist.

Wellsite:

Wellsite realtime biostratigraphic analysis in horizontal reservoir sections (>25 wells). Casing picks (>15 wells). Liaising with WSG (if present), MWD, directional driller and drilling supervisor. Reporting to the client. Training and mentorship.

Office:

Office based managing multidisciplinary and interdepartmental projects. Regional correlation studies using wireline log, lithological and biostratigraphic data. Single and multiple well stratigraphic studies. Recruitment, training and mentorship. Report writing and QC. Compilation and quality control of stratigraphic data. Client meetings, DWOP meetings, marketing and promotion. Geographical areas of experience.

2007 - 2012
North Sea
Barents Sea
Labrador Shelf
East Africa Brazil

FIELD EXPERIENCE

MAERSK DAN AREA STUDY

(North Sea, Denmark)

Multidisciplinary well correlation study utilising sedimentology, biostratigraphy, wireline log and petrophysical analysis focussing on Ekofisk and Tor chalks.

ANTRIM FYNE AREA STUDY

(North Sea, UK)

Biostratigraphic data review and wireline log well correlation study, using sequence stratigraphy to correlate Palaeogene channel sands.

ANTRIM MIDDLE TAY FORMATION STUDY

(North Sea, UK)

Biostratigraphic data review and wireline log well correlation study, defining consistent stratigraphic tops, identifying hiatuses and sequence boundaries for Palaeogene sand-bearing strata.

GAZ DE FRANCE TARE FORMATION STUDY

(North Sea, Norway)

Biostratigraphic data review and wireline log well correlation study, defining consistent stratigraphic tops for Palaeogene sand deposits.

Area	Wells	Role / Comment	Client
Denmark	GBN-15C	Wellsite Geologist	Maersk
	GBN-15A	Wellsite Geologist	Maersk
	GBN-15B	Wellsite Geologist	Maersk
	HBB-2B	Biostratigraphic monitoring, horizontal upper Maastrichtian chalk reservoir section	Maersk
	HBB-2A	Biostratigraphic monitoring, horizontal upper Maastrichtian chalk reservoir section	Maersk
	MFF-40	Biostratigraphical monitoring horizontal Danian Chalk reservoir section	Maersk
	HAD-9B ML1	Biostratigraphical monitoring horizontal Danian Chalk reservoir section, including Intra Danian Marl unit.	Maersk
	HAD-9A	Biostratigraphical monitoring horizontal Danian Chalk reservoir section	Maersk
	HAD-9	Biostratigraphic monitoring tertiary clastic section, high resolution casing pick and build section through Danian chalk	Maersk
	MFF-36A	Biostratigraphical monitoring horizontal Danian Chalk reservoir section	Maersk
	A-11A	Biostratigraphical monitoring horizontal Danian Chalk reservoir section	Maersk
	A-11	Biostratigraphical monitoring tertiary clastic section high resolution casing pick, horizontal Danian Chalk reservoir.	Maersk

Area	Wells	Role / Comment	Client
Denmark	VAB-2	Biostratigraphic monitoring tertiary clastic section high resolution casing pick, horizontal Maastrichtian chalk reservoir section.	Maersk
	HBB-9	Biostratigraphic monitoring, horizontal upper Maastrichtian chalk reservoir section	Maersk
	HBB-8	Biostratigraphic monitoring, horizontal upper Maastrichtian chalk reservoir section	Maersk
	HBB-6	Biostratigraphic monitoring, horizontal upper Maastrichtian chalk reservoir section	Maersk
	N-40B	Biostratigraphic monitoring tertiary clastic section high resolution casing pick.	Maersk
	HCA-1MLIF	Biostratigraphical monitoring horizontal Danian Chalk reservoir section, including Intra Danian Marl section.	Maersk
	HBB-1	Biostratigraphic monitoring tertiary clastic section high resolution casing pick, horizontal Maastrichtian chalk reservoir section	Maersk
	NA-9, 9A	Biostratigraphic monitoring tertiary clastic section high resolution casing pick.	Maersk
	HCA-4ML1D	Biostratigraphical monitoring horizontal Danian Chalk reservoir section, including Intra Danian Marl unit.	Maersk
	HCA-4 ML1A, ML1B	Biostratigraphic monitoring tertiary clastic section, high resolution casing pick and build section through Danian chalk	Maersk
	VBA-8X	Biostratigraphic monitoring tertiary clastic section, high resolution casing pick. Maersk	Maersk
	TSEA-4C, 4D, 4E & 4F	Biostratigraphic monitoring tertiary clastic section, high resolution casing pick and build section through Danian chalk	Maersk
	MFF-33, MFF-34	Biostratigraphic monitoring tertiary clastic section, high resolution casing pick as part of a batch drilling programme unassisted by WSG	Maersk
	HDE-1X	Biostratigraphic monitoring tertiary clastic section, Danian chalk section in a vertical exploratory well	Maersk
	Ebba-1X	Biostratigraphic monitoring tertiary clastic section, high resolution casing pick unassisted by WSG, Danian & Maastrichtian section into a vertical exploratory well	Maersk
	VBA-7	Biostratigraphic monitoring tertiary clastic section, high resolution casing pick, horizontal section Barremian chalk reservoir.	Maersk
	HBA-28C	Biostratigraphic monitoring of Maastrichtian chalk reservoir section.	Maersk
	HBA-28A	Biostratigraphic monitoring of Maastrichtian chalk reservoir section.	Maersk
	VAB-1A	Biostratigraphic monitoring tertiary clastic section, high resolution casing pick unassisted by WSG	Maersk
	MFF-4C	Biostratigraphic monitoring tertiary clastic section, high resolution casing pick unassisted by WSG	Maersk
HBA-29A	Biostratigraphic monitoring tertiary clastic section, high resolution casing pick unassisted by WSG	Maersk	

Area	Wells	Role / Comment	Client	
Dubai	M-10B	CTD Geosteering training hitch, Albian limestone section, wellsite	MDE	
	M-13	CTD Geosteering training hitch, Albian limestone section, wellsite	MDE	
Netherlands	L16-16A	Wellsite Geologist / Conventional vertical drilling / office	ONE	
	P11-11	Wellsite Geologist / Conventional deviated drilling / office	ONE	
	M07-08	Wellsite Geologist / Conventional deviated drilling / office	ONE	
	L11B-A09	Wellsite Geologist / Conventional deviated drilling / office	ONE	
	P15-RIJN-A02Z	Wellsite Geologist / Conventional deviated drilling / office	Taqa	
	P18-07	Wellsite Geologist / Conventional deviated drilling / office	Taqa	
UK North Sea	13/22a-B28	Wellsite Geologist on Captain Field Development well	Chevron	
	16/26-DM13Z	Wellsite Geologist on Alba Field	Chevron	
Barents Sea	7220/5-1	Routine Logging, Cretaceous-Jurassic, office UK	Statoil	
	7220/7-1	Routine Logging, Cretaceous-Jurassic, Office UK	Lundin	
	7120/2-3	Routine Logging, Cretaceous-Jurassic	Statoil	
	7220/8-1	Routine Logging, Cretaceous-Jurassic	Statoil	
	7119/12-4	Routine Logging, Cretaceous-Jurassic	Statoil	
Brazil	ENC-3 RJS	Routine Logging, Tertiary-Cretaceous	Statoil	
	1-RJS-498	Routine Logging, Tertiary-Cretaceous	Statoil	
Denmark	Lillie John-1A	Routine Logging, Neogene-Tertiary	PA Resources	
	MFA-16	Routine Logging, Cretaceous	Maersk	
	Solosort-1, 1A, 1B, 1C	Routine Logging, Neogene-Tertiary	Dong	
	NA-7P (Hots)	Routine Logging, Tertiary	Dong	
	NA-9C (Hots)	Routine Logging, Tertiary (office)	Dong	
	Siri-6	Routine Logging, Tertiary (office)	Dong	
	Ispwich-1	Routine Logging, Tertiary (office)	Dong	
	Kazakhstan	Kn1 ST1 Routine Logging, Cretaceous	AGIP	
	KE-5 01	Routine Logging, Cretaceous	AGIP	
	KE-4	Routine Logging, Cretaceous	AGIP	
	Kalamkas-3	Routine Logging, Cretaceous	AGIP	
	Kashagan West-3	Routine Logging, Cretaceous	AGIP	
	KurdistanBazian-1 (Hots)	Routine Logging, Tertiary	KNOC	
	Norway	31/8-1	Routine Logging, Tertiary	Eon
		16/2-8	Routine Logging, Tertiary	Statoil
16/2-10		Routine Logging, Tertiary	Statoil	
35/1-2F		Routine Logging, Tertiary	Statoil	
33/12-1		Routine Logging, Tertiary	Statoil	
33/9-3		Routine Logging, Tertiary	Statoil	
30/9-24		Routine Logging, Tertiary	Statoil	
30/9-23		Routine Logging, Tertiary	Statoil	
30/5-3S, 3A		Routine Logging, Tertiary	Statoil	
2/5-13		Routine Logging, Tertiary	Statoil	
30/9-21A		Routine Logging, Tertiary	Statoil	

Area	Wells	Role / Comment	Client
Dubai	30/5-3S, 3A	Routine Logging, Tertiary	Statoil
	2/5-13	Routine Logging, Tertiary	Statoil
	30/9-21A	Routine Logging, Tertiary	Statoil
	25/11-G-1-Y2T2	Routine Logging, Tertiary	Statoil
	25/11-G-1 Y1	Routine Logging, Tertiary, office	Statoil
	25/11-G-1 Y2	Routine Logging, Tertiary, office	Statoil
Tanzania	Mzia-1	Routine Logging, Tertiary-Cretaceous	BG
	Jodari-1	Routine Logging, Cretaceous	BG
	Zeta-1	Routine Logging, Cretaceous	Petrobras
	Chewa-1	Routine Logging, Tertiary	Ophir
UK North Sea	30/9-21S	Routine Logging, Tertiary (office)	Dong

CONTACT

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07904235780
ermintrude@me.com