

EXPERIENCE AND EXPERTISE

Preparation of Documentation and Technical Auditing

- Customer Specific Survey Management Procedures
- Survey Database Management Technical Audits
- Survey Quality Assurance Procedures

Survey Database Management

- Management of Instrument Performance Model Library
- Verification of Definitive Survey Parts
- Validation of Database Integrity

Real Time Survey Management Services

- Real Time Multi Station Corrections (MSA)
- Real Time Survey Quality Assurance
- Infield Referencing Services

Well Proximity Management

- Customer Specific Anti-Collision Policy and Procedures
- Well Spacing and Anti-Collision Clearance Management
- Survey Program Design and Validation

Training

- 5-Day Advanced Survey Management Training Course
- 1-Day Operational Survey Quality Control Training Course
- 1-Day Anti-Collision Management Training Course
- 1-Day Introduction to Survey Management

Magnetic Ranging Studies and Application

- Management of Well Proximity Ranging and Analysis
- Review or Design of Anti-Collision Management Plan
- Relief Well Trajectory Planning

WELL NAME: WERNLI UNIT A2
SURVEY: WERNLI UNIT A2
SURVEY DATE: 05122013

MD	Inc	Az
ft	deg	de

0.00	0.00	0.0
143.00	0.47	293.0
333.00	0.66	286.3
523.00	1.88	183.3
712.00	5.96	172.5

897.00	8.54	167.3
1076.00	10.86	161.7
1256.00	13.26	158.2
1435.00	13.70	158.3
1614.00	13.67	157.2

1793.00	13.68	154.3
1973.00	13.48	128.5
2152.00	13.75	158.5
2331.00	13.69	157.3
2511.00	13.68	157.9

2691.00	13.68	157.9
2870.00	13.68	157.9
3050.00	13.68	157.9
3230.00	13.68	157.9
3410.00	13.68	157.9

3590.00	13.68	157.9
3770.00	13.68	157.9
3950.00	13.68	157.9
4130.00	13.68	157.9
4310.00	13.68	157.9

4490.00	13.68	157.9
4670.00	13.68	157.9
4850.00	13.68	157.9
5030.00	13.68	157.9
5210.00	13.68	157.9



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Survey Management

DRILL WITH CERTAINTY

SURVEY QUALITY ASSURANCE



MAKING IT EASY TO DO BUSINESS

SURVEY
MANAGEMENT

Scientific Drilling is a proven leader in delivering Survey Management services around the world. We deliver fit-for-purpose customized solutions designed to fit every customers' needs, no matter the size of the field, or the distribution of the assets. Our experienced personnel can investigate and define the challenge, delivering results, both onshore and offshore, single-well or multi-well, field specific or across the region as needed.

Whether for a full legacy database investigation and remediation of deficiencies, or a one-day audit to check compliance to ensure procedures are being followed, we understand that your return on investment is what counts.

DELIVERING THE ULTIMATE VALUE

We offer a range of services to support your team, and to help mitigate risk through;

Focusing on the fundamentals

- Survey Database Quality Assurance

Scaling the Solution to the Activity or Size of the Project

- Scoping assessments and training of in-house staff

Managing Risk and Quality

- Custodianship of the survey quality lifecycle process



PAD 20_25
WELL 1 // 10

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MD ft	Inc deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS %/100ft
5960	0.97	99.42	5921	-380.26	-278.95	0.32
6055	0.57	76.68	6015.99	-380.26	-277.61	0.46
6150		68.86	6110.98	-379.92	-276.51	0.11
6245		55.88	6205.97	-379.29	-275.35	0.25
6340		37.61	6300.96	-378.38	-274.36	0.3
		47.3	6395.96	-377.6	-273.66	0.29
		34.02	6490.95	-376.97	-273.12	0.12
		9.89	6585.89	-373.98	-272.42	2.92
		7.08	6678.11	-362.62	-270.88	8.3
		5.26	6770.99	-338.71	-268.39	7.45
6908	20.84	3.55	6859.61	-307.49	-266.01	2.99
7004	29.95	0.19	6946.25	-266.39	-264.87	9.61
7099	36.33	356.35	7025.76	-214.53	-266.59	7.07
7194	43.73	358.46	7098.45	-153.54	-269.27	7.91
7289	53.84	3.08	7160.99	-82.21	-268.09	11.24
7385	60.27	0.22	7213.18	-1.74	-265.84	7.16
7480	64.2	359.01	7257.42	82.3	-266.42	4.29
7575	73.06	358.79	7292.01	170.67	-268.13	9.33
7670	79.97	359.07	7314.14	262.98	-269.85	7.28
7765	87.11	358.31	7324.82	357.29	-272	7.56
7860	90.17	358.3	7327.07	452.21	-274.81	3.21
7955	87.85	358.51	7328.71	547.15	-277.44	2.45
8051	89.06	358.53	7331.3	643.08	-279.92	1.26
8146	90.67	359.37	7331.52	737.06	-281.65	1.93

