

N.E.B. COPY



**UNITED
GeoCom Drilling Services**

A Computalog Ltd. & Geoservices N.A. Ltd. Joint Venture

MICROFILMED
SUR MICROFILM:

COMPLETION

FOR

PARAMOUNT RESOURCES LIMITED

PARAMOUNT ET AL LIARD

FROM SURFACE LOCATION:

LAT 60-05-27, LONG. 123-22-06

WELL FILE: 9185 C

99-03-29

UNITED GEOCOM DRILLING SERVICES
9204 - 37th AVENUE
EDMONTON, AB, CANADA T6E 5L4
PHONE: (780) 462-6300
FAX: (780) 466-6002

UNITED GEOCOM DRILLING SERVICES
2140 530 - 8 TH AVENUE, S.W.
CALGARY, AB, CANADA T2P 3S8
PHONE: (403) 218-2400
FAX: (403) 218-2401

UNITED GEOCOM DRILLING SERVICES

Client : PARAMOUNT RESOURCES LIMITED
Well Name : PARAMOUNT ET AL LIARD
Location : LAT 60-05-27, LONG. 123-22-06

Page : 1 of 2
Date : 1999-03-29
File : 9185C

Vertical Section Calculated Along AZ 0.00°

MD m	INC deg	DIR deg	TVD m	LAT m	DEP m	VS m	D'LEG °/30	BUILD °/30	TURN °/30
TIE-ON									
1494.00	0.80	131.05	1493.70	-10.13	2.77	-10.13	0.00	0.00	0.0
1513.00	0.86	126.15	1512.70	-10.30	2.99	-10.30	0.15	0.09	-7.7
1533.00	0.72	157.81	1532.70	-10.51	3.15	-10.51	0.68	-0.21	47.5
1552.00	1.12	186.79	1551.69	-10.80	3.18	-10.80	0.95	0.63	45.8
1571.00	1.03	205.38	1570.69	-11.14	3.08	-11.14	0.57	-0.14	29.4
1590.00	1.97	224.97	1589.68	-11.53	2.78	-11.53	1.67	1.48	30.9
1608.00	3.28	232.05	1607.67	-12.06	2.15	-12.06	2.25	2.18	11.8
1628.00	2.75	234.00	1627.64	-12.69	1.31	-12.69	0.81	-0.79	2.9
1647.00	2.34	238.91	1646.62	-13.16	0.61	-13.16	0.73	-0.65	7.8
1665.00	2.59	240.08	1664.60	-13.56	-0.05	-13.56	0.42	0.42	2.0
1684.00	2.21	253.51	1683.58	-13.87	-0.78	-13.87	1.07	-0.60	21.2
1702.00	2.05	262.91	1701.57	-14.01	-1.43	-14.01	0.64	-0.27	15.7
1722.00	2.02	260.05	1721.56	-14.12	-2.13	-14.12	0.16	-0.04	-4.3
1741.00	2.01	260.01	1740.55	-14.23	-2.79	-14.23	0.00	-0.02	-0.1
1760.00	1.62	277.77	1759.54	-14.25	-3.38	-14.25	1.07	-0.62	28.0
1779.00	1.29	301.07	1778.53	-14.11	-3.83	-14.11	1.06	-0.52	36.8
1798.00	1.01	301.07	1797.53	-13.91	-4.16	-13.91	0.44	-0.44	0.0
1818.00	1.10	281.19	1817.53	-13.78	-4.50	-13.78	0.56	0.14	-29.8
1837.00	0.96	264.76	1836.52	-13.76	-4.84	-13.76	0.51	-0.22	-25.9
1856.00	1.77	232.41	1855.52	-13.95	-5.23	-13.95	1.72	1.28	-51.1
1874.00	2.54	230.31	1873.50	-14.38	-5.76	-14.38	1.29	1.28	-3.5
1894.00	2.77	252.32	1893.48	-14.81	-6.56	-14.81	1.56	0.35	33.0
1913.00	2.71	256.73	1912.46	-15.05	-7.43	-15.05	0.35	-0.09	7.0
1932.00	1.40	277.41	1931.45	-15.12	-8.10	-15.12	2.34	-2.07	32.7
1951.00	0.72	357.56	1950.45	-14.98	-8.33	-14.98	2.31	-1.07	99.0
1970.00	1.98	50.37	1969.44	-14.65	-8.09	-14.65	2.60	1.99	83.4
1989.00	3.31	60.03	1988.42	-14.16	-7.36	-14.16	2.21	2.10	15.3
2008.00	5.30	67.39	2007.37	-13.55	-6.07	-13.55	3.25	3.14	11.6
2016.00	6.64	68.49	2015.32	-13.24	-5.30	-13.24	5.04	5.02	4.1
2019.82	8.30	74.80	2019.11	-13.09	-4.83	-13.09	14.52	13.04	49.6
2028.78	7.60	77.60	2027.98	-12.79	-3.63	-12.79	2.68	-2.34	9.4
2038.35	6.40	81.50	2037.48	-12.58	-2.48	-12.58	4.04	-3.76	12.2
2047.76	5.10	83.10	2046.84	-12.45	-1.55	-12.45	4.18	-4.14	5.1
2057.30	4.50	88.90	2056.35	-12.39	-0.75	-12.39	2.42	-1.89	18.2
2067.10	3.80	100.50	2066.13	-12.44	-0.05	-12.44	3.34	-2.14	35.5

UNITED GEOCOM DRILLING SERVICES

Client : PARAMOUNT RESOURCES LIMITED
 Well Name : PARAMOUNT ET AL LIARD
 Location : LAT 60-05-27, LONG. 123-22-06

Page : 2 of 2
 Date : 1999-03-29
 File : 9185C

Vertical Section Calculated Along AZ 0.00°

MD	INC	DIR	TVD	LAT	DEP	VS	D'LEG	BUILD	TURN
m	deg	deg	m	m	m	m	°/30	°/30	°/30
2076.74	3.00	95.00	2075.75	-12.52	0.52	-12.52	2.69	-2.49	-17.1
2110.00	1.80	95.00	2108.98	-12.64	1.90	-12.64	1.08	-1.08	0.0

Closure to TD: 12.78m @ AZ 171.45°

UNITED GeoCom Drilling Services

COMPLETION REPORT

COMPANY: PARAMOUNT RESOURCES LIMITED
WELL: PARAMOUNT ET AL LIARD
LOCATION: LAT 60-05-27, LONG. 123-22-06

FILE: 9185 C
DATE: 99-03-29
TYPE:

TOTAL DEPTH CO-ORDINATES

<u>RECTANGULAR</u>		<u>POLAR</u>	<u>MAGNETIC DECLINATION</u>
LAT:-12.64 m	DEP: 1.9 m	12.78 m @ AZ: 171.45°	

COMPLETED TVD: 2108.98 m

MEASURED DEPTH: 2110 m

PROPOSED WELL

SURFACE:	;	SEC
TARGET:	;	SEC

SURFACE TO TARGET

<u>RECTANGULAR</u>		<u>POLAR</u>
LAT:	DEP:	@ AZ:

TARGET TVD:

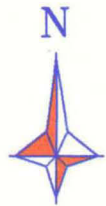
PROJECTED TD:

COMMENTS:

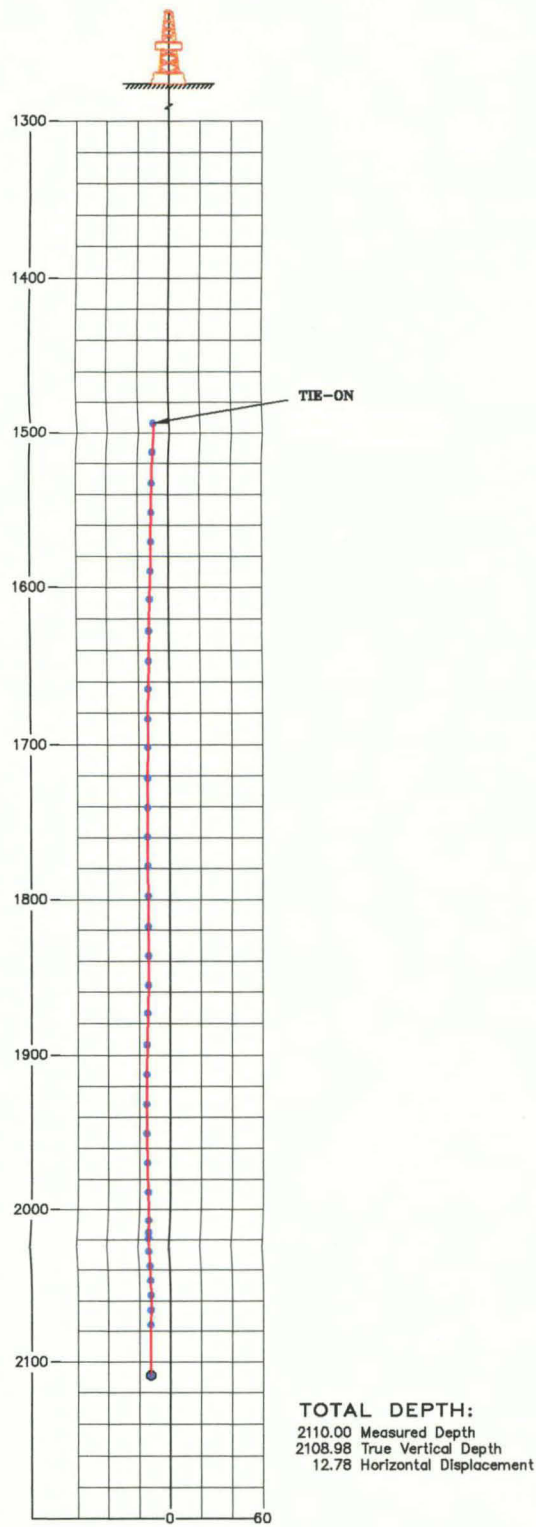
Completion Date: 99-03-29

NOTE: DISTANCES & DEPTHS ARE IN METRES AND DECIMALS.
INCLINATIONS & DIRECTION ARE IN DECIMAL DEGREES
METHOD OF CALCULATION: *MINIMUM CURVATURE*
Dleg/Build: °/30m Intervals.
(-) VALUES INDICATE SOUTH FOR LATITUDE & WEST FOR DEPARTURE.
ALL DEPTHS BASED ON KB ELEVATION

PARAMOUNT ET AL LIARD
CLOSURE TO TD : 12.78m @ AZ 171.45°



VERTICAL PROJECTION
SCALE 1 Unit = 20 m



HORIZONTAL PROJECTION
SCALE 1 Unit= 1 m

