

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



Florange #35B

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☒ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Mary Corley
 Print or Type Name

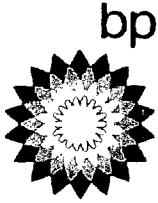
Signature

Sr. Regulatory Analyst 06/22/2004

Title Date

corleymi@bp.com
 e-mail Address

2004 JUN 25 PM 12 06



San Juan South Asset

Mary Corley
WL1-19.171
281-366-4491 (direct)
281-366-0700 (FAX)
corleym1@bp.com

P. O. Box 3092
Houston, Texas 77253-3092
501 Westlake Park Boulevard
Houston, Texas 77079

May 22, 2004

Mr. Michael Stogner
New Mexico Oil Conservation Division
1220 South St Francis Drive
P.O. Box 6429
Santa Fe, NM 87505

Application for Non-Standard Well Location
Florance Well No. 35B
E/2 Section 18-T30N-R08W
Blanco Mesaverde Pool
San Juan County, New Mexico

n/s = 47'
E/W = 80'
56.5' offset

BP America Production Company respectfully requests an administrative approval for a non-standard well location for the Florance Well No. 35B which was directionally drilled from a surface location of 1690' FNL & 1610' from FEL of Section 18, T30N, R08W. The projected bottom hole location was 2400' FNL & 1980' FEL of Section 18, T30N, R08W, however the final results of the directional survey indicates that the bottom hole location of the well as being 2447' FNL & 2011' FEL of the Section and 631.63' FWL of the 320 acre unit. This necessitates an exception to the well spacing pattern for the Mesaverde Pool.

For your review and consideration attached is a C-102 Well Location Plat showing the well location (SHL, proposed BHL, and actual BHL), a 9-section plat showing the offset wells and operators, a copy of a diagram with BHL calculations furnish by Vann Surveys, and a copy of the Final Survey Analysis.

Burlington Resources and Energen Resources, offset operators in the W/2 of Section 18 are being notified of this application via certified mail return receipt requested.

Your attention to this matter is greatly appreciated. Should you have any questions concerning this application please do not hesitate to call me at 281-366-4491.

Sincerely,

Mary Corley

cc: Frank Chavez, Supervisor
NMOCD District III
1000 Rio Brazos Road
Aztec, NM 87410

Burlington Resources
P.O. Box 4289
Farmington, NM 87499-4289

Energen Resources Corp.
2198 Bloomfield Highway
Farmington, NM 87401

District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer KK, Artesia, NM 87211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 72319		3 Pool Name BLANCO MESA VERDE		
4 Property Code 000778		5 Property Name Florance			6 Well Number # 35 B	
7 OGRID No.		8 Operator Name AMOCO PRODUCTION COMPANY			9 Elevation 6408	

10 Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	18	30 N	8 W		1690	NORTH	1610	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

7 UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	18	30 N	8 W		2400	NORTH	1980	EAST	SAN JUAN

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	537'(R)	1360'(R)		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: Mary Corley Printed Name: MARY CORLEY Title: Sr. Regulatory Analyst Date: 06-16-2004
	Lot 1			
	Lot 2			
	Lot 3			
509'(R)	1278'(R)	2557'(R)	18 BHL / TD	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: July 9, 2001 Signature and Seal of Professional Surveyor: GAY D. VANA 7016 7016 Certificate Number

DRILLING WINDOW DIAGRAM and BOTTOM HOLE CALCULATIONS

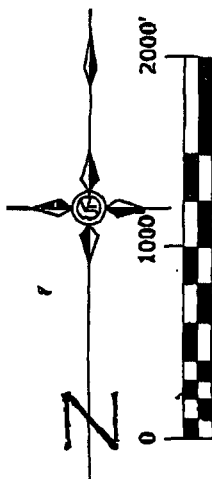
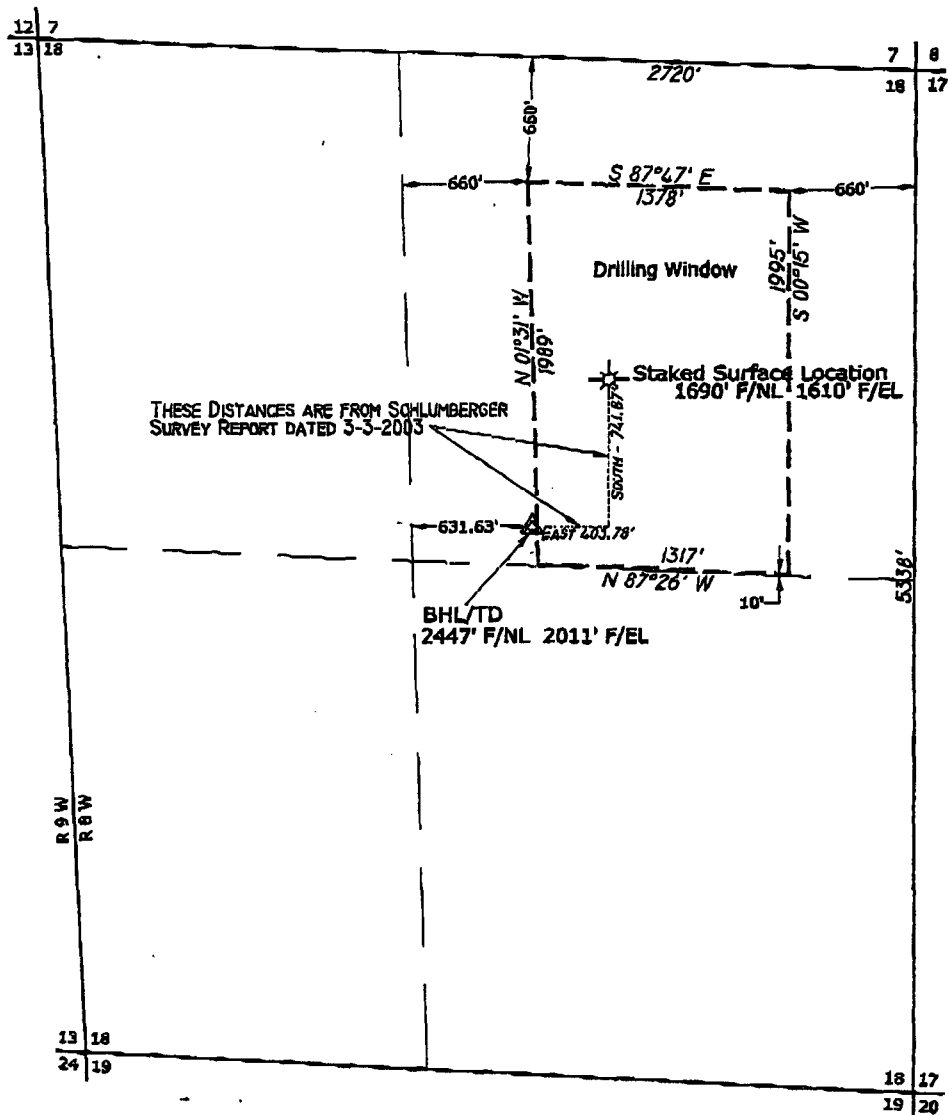
Florance # 35B

Within Sec. 18, T30N, R8W, N.M.P.M.,

San Juan County, New Mexico

for

BP AMERICA PRODUCTION COMPANY

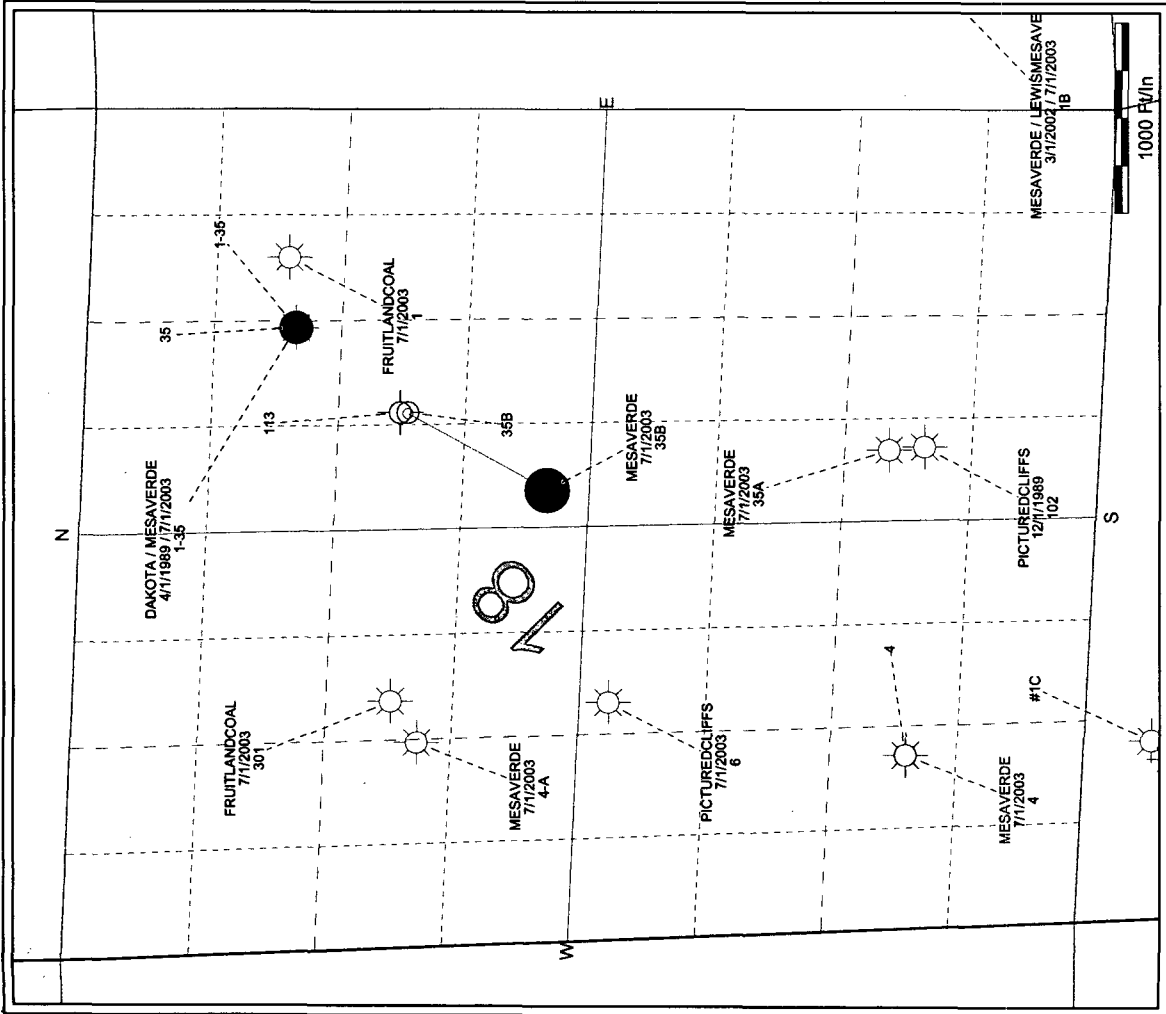


Scale: 1" = 1000'
Date: June 21, 2004
Basis of Bearing: GPS Observations
Geodetic Bearing (True North)

SECTION 18
T30N, R8W, NMPM

VANN SURVEYS
P. O. Box 1306
Farmington, NM 87499

Florence 35B



Survey Report - Geodetic

Report Date: 03-Mar-2003 Client: BP Field: NM, San Juan County (NAD 83 WZ) Structure / Slot: BP 18 30N 8W (Florance 35B) / Florance 35B Well: Florance 35B Borehole: Original Hole UWI/API#: Survey Name / Date: Florance 35B Final Surveys / March 3, 2003 Tort / AHD / DDI / ERD ratio: 56.955° / 848.91 ft / 4.694 / 0.145 Grid Coordinate System: NAD83 New Mexico State Planes, Western Zone, US Feet Location Lat/Long: N 36 48 18.000, W 107 42 42.000 Location Grid N/E Y/X: N 2112363.278 ftUS, E 2758709.848 ftUS Grid Convergence Angle: +0.07288978° Grid Scale Factor: 0.99991812		Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 208.560° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: RKB TVD Reference Elevation: 6420.000 ft relative to MSL Sea Bed / Ground Level Elevation: 6408.000 ft relative to MSL Magnetic Declination: +10.880° Total Field Strength: 51522.074 nT Magnetic Dip: 63.718° Declination Date: March 03, 2003 Magnetic Declination Model: BGGM 2002 North Reference: True North Total Corr Mag North -> True North: +10.880° Local Coordinates Referenced To: Well Head	
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Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N/S (ft)	E/W (ft)	DLS (°/100ft)	Grid Coordinates		Geographic Coordinates	
									Northing (ftUS)	Easting (ftUS)	Latitude	Longitude
Surface	0.00	0.00	349.45	0.00	0.00	0.00	0.00	0.00	2112363.28	2758709.85	N 36 48 18.000	W 107 42 42.000
Begin SLB MWD Surveys	195.00	0.82	349.45	194.99	-1.08	1.37	-0.26	0.42	2112364.65	2758709.59	N 36 48 18.014	W 107 42 42.003
	226.00	0.31	296.61	225.99	-1.25	1.63	-0.37	2.19	2112364.90	2758709.47	N 36 48 18.016	W 107 42 42.005
	256.00	0.41	284.97	255.99	-1.22	1.69	-0.55	0.41	2112364.97	2758709.30	N 36 48 18.017	W 107 42 42.007
	286.00	0.55	238.52	285.99	-1.07	1.64	-0.77	1.33	2112364.92	2758709.07	N 36 48 18.016	W 107 42 42.010
	316.00	0.90	194.93	315.99	-0.72	1.34	-0.96	2.10	2112364.62	2758708.89	N 36 48 18.013	W 107 42 42.012
	349.00	1.17	219.36	348.98	-0.14	0.83	-1.24	1.55	2112364.11	2758708.61	N 36 48 18.008	W 107 42 42.015
	379.00	1.83	208.78	378.97	0.64	0.17	-1.66	2.38	2112363.45	2758708.19	N 36 48 18.002	W 107 42 42.020
	410.00	1.84	201.23	409.96	1.63	-0.72	-2.08	0.78	2112362.55	2758707.77	N 36 48 17.993	W 107 42 42.026
	441.00	2.31	207.52	440.94	2.75	-1.74	-2.55	1.68	2112361.53	2758707.30	N 36 48 17.983	W 107 42 42.031
	472.00	3.30	207.57	471.90	4.27	-3.09	-3.25	3.19	2112360.19	2758706.60	N 36 48 17.969	W 107 42 42.040
	503.00	3.38	210.28	502.85	6.07	-4.67	-4.13	0.57	2112358.61	2758705.73	N 36 48 17.954	W 107 42 42.051
	535.00	3.82	209.40	534.78	8.08	-6.41	-5.12	1.39	2112356.86	2758704.73	N 36 48 17.937	W 107 42 42.063
	565.00	4.34	204.40	564.71	10.21	-8.31	-6.08	2.10	2112354.96	2758703.78	N 36 48 17.918	W 107 42 42.075
	597.00	5.34	207.01	596.59	12.91	-10.74	-7.26	3.20	2112352.53	2758702.60	N 36 48 17.894	W 107 42 42.089
	627.00	5.60	209.20	626.46	15.77	-13.27	-8.61	1.11	2112350.00	2758701.26	N 36 48 17.869	W 107 42 42.106
	658.00	5.96	204.95	657.30	18.89	-16.05	-10.03	1.80	2112347.22	2758699.84	N 36 48 17.841	W 107 42 42.123
	689.00	6.76	206.15	688.11	22.31	-19.14	-11.51	2.62	2112344.12	2758698.37	N 36 48 17.811	W 107 42 42.142
	720.00	7.03	204.94	718.88	26.03	-22.50	-13.11	0.99	2112340.76	2758696.77	N 36 48 17.778	W 107 42 42.161

751.00	7.82	207.74	749.62	30.03	-26.09	-14.89	2.80	2112337.17	2758694.99	N 36 48 17.742	W 107 42 42.183
783.00	8.30	208.69	781.31	34.52	-30.04	-17.02	1.56	2112333.22	2758692.87	N 36 48 17.703	W 107 42 42.209
814.00	8.70	209.30	811.97	39.10	-34.05	-19.24	1.32	2112329.21	2758690.66	N 36 48 17.663	W 107 42 42.237
844.00	9.32	208.69	841.60	43.80	-38.16	-21.51	2.09	2112325.10	2758688.38	N 36 48 17.623	W 107 42 42.265
876.00	9.82	209.50	873.15	49.12	-42.81	-24.10	1.62	2112320.45	2758685.80	N 36 48 17.577	W 107 42 42.296
907.00	10.71	209.30	903.65	54.64	-47.62	-26.81	2.87	2112315.63	2758683.10	N 36 48 17.529	W 107 42 42.330
938.00	11.46	207.00	934.08	60.60	-52.87	-29.62	2.81	2112310.37	2758680.30	N 36 48 17.477	W 107 42 42.364
970.00	12.09	209.05	965.40	67.13	-58.64	-32.69	2.36	2112304.61	2758677.23	N 36 48 17.420	W 107 42 42.402
1001.00	12.91	206.22	995.67	73.84	-64.58	-35.80	3.30	2112298.66	2758674.14	N 36 48 17.361	W 107 42 42.440
1033.00	13.64	205.94	1026.81	81.18	-71.18	-39.03	2.29	2112292.05	2758670.91	N 36 48 17.296	W 107 42 42.480
1064.00	14.57	205.66	1056.88	88.72	-77.98	-42.32	3.01	2112285.25	2758667.64	N 36 48 17.229	W 107 42 42.520
1094.00	15.32	205.97	1085.86	96.45	-84.95	-45.69	2.51	2112278.28	2758664.27	N 36 48 17.160	W 107 42 42.562
1124.00	16.01	206.11	1114.75	104.54	-92.23	-49.24	2.30	2112271.00	2758660.73	N 36 48 17.088	W 107 42 42.605
1155.00	16.53	206.99	1144.51	113.22	-99.99	-53.12	1.86	2112263.23	2758656.86	N 36 48 17.011	W 107 42 42.653
1187.00	17.20	207.09	1175.13	122.50	-108.26	-57.34	2.10	2112254.95	2758652.65	N 36 48 16.930	W 107 42 42.705
1218.00	17.73	205.65	1204.70	131.80	-116.60	-61.48	2.21	2112246.61	2758648.53	N 36 48 16.847	W 107 42 42.756
1250.00	18.37	205.88	1235.13	141.70	-125.53	-65.79	2.01	2112237.68	2758644.23	N 36 48 16.759	W 107 42 42.809
1280.00	18.75	206.50	1263.57	151.24	-134.10	-70.00	1.43	2112229.10	2758640.02	N 36 48 16.674	W 107 42 42.861
1342.00	19.53	207.12	1322.14	171.56	-152.24	-79.17	1.30	2112210.95	2758630.88	N 36 48 16.495	W 107 42 42.973
1435.00	20.52	205.71	1409.51	203.38	-180.76	-93.33	1.18	2112182.41	2758616.76	N 36 48 16.213	W 107 42 43.148
1497.00	20.55	205.25	1467.57	225.10	-200.39	-102.68	0.26	2112162.77	2758607.43	N 36 48 16.019	W 107 42 43.263
1591.00	20.86	206.00	1555.50	258.29	-230.36	-117.06	0.43	2112132.79	2758593.09	N 36 48 15.722	W 107 42 43.439
1652.00	20.66	206.22	1612.54	279.89	-249.77	-126.57	0.35	2112113.37	2758583.60	N 36 48 15.530	W 107 42 43.556
1775.00	19.91	204.60	1727.91	322.47	-288.28	-144.88	0.76	2112074.84	2758565.35	N 36 48 15.150	W 107 42 43.781
1867.00	20.19	204.13	1814.34	353.92	-317.01	-157.89	0.35	2112046.09	2758552.37	N 36 48 14.865	W 107 42 43.941
1927.00	20.29	203.31	1870.63	374.61	-336.02	-166.24	0.50	2112027.08	2758544.05	N 36 48 14.678	W 107 42 44.044
1986.00	19.48	204.46	1926.12	394.61	-354.37	-174.36	1.52	2112008.72	2758535.95	N 36 48 14.496	W 107 42 44.144
2047.00	19.27	206.60	1983.66	414.81	-372.63	-183.08	1.21	2111990.45	2758527.26	N 36 48 14.316	W 107 42 44.251
2109.00	19.65	207.83	2042.12	435.46	-390.99	-192.53	0.90	2111972.07	2758517.83	N 36 48 14.134	W 107 42 44.367
2170.00	20.42	207.50	2099.43	456.35	-409.50	-202.23	1.28	2111953.55	2758508.16	N 36 48 13.951	W 107 42 44.487
2232.00	21.07	209.56	2157.41	478.31	-428.79	-212.72	1.58	2111934.25	2758497.69	N 36 48 13.760	W 107 42 44.616
2293.00	21.69	209.20	2214.21	500.55	-448.17	-223.63	1.04	2111914.86	2758486.81	N 36 48 13.569	W 107 42 44.750
2355.00	21.17	210.38	2271.93	523.19	-467.83	-234.88	1.09	2111895.19	2758475.58	N 36 48 13.374	W 107 42 44.888
2418.00	20.92	210.51	2330.72	545.81	-487.33	-246.35	0.40	2111875.67	2758464.14	N 36 48 13.181	W 107 42 45.029
2480.00	19.86	210.89	2388.84	567.39	-505.91	-257.37	1.72	2111857.09	2758453.14	N 36 48 12.998	W 107 42 45.165
2543.00	18.92	212.20	2448.26	588.28	-523.73	-268.31	1.64	2111839.25	2758442.23	N 36 48 12.821	W 107 42 45.299
2604.00	18.85	212.20	2505.98	607.98	-540.44	-278.83	0.11	2111822.53	2758431.73	N 36 48 12.656	W 107 42 45.428

2666.00	19.16	212.45	2564.60	628.13	-557.50	-289.63	0.52	2111805.46	2758420.95	N 36 48 12.488	W 107 42 45.561
2728.00	19.34	210.60	2623.13	648.54	-574.92	-300.31	1.03	2111788.02	2758410.29	N 36 48 12.315	W 107 42 45.693
2789.00	19.51	211.23	2680.66	668.81	-592.33	-310.74	0.44	2111770.60	2758399.89	N 36 48 12.143	W 107 42 45.821
2851.00	19.64	210.47	2739.08	689.56	-610.16	-321.39	0.46	2111752.76	2758389.26	N 36 48 11.967	W 107 42 45.952
2912.00	19.93	209.86	2796.48	710.20	-628.01	-331.76	0.58	2111734.90	2758378.91	N 36 48 11.790	W 107 42 46.079
2979.00	19.72	212.54	2859.51	732.90	-647.45	-343.53	1.39	2111715.45	2758367.17	N 36 48 11.598	W 107 42 46.224
3636.33	0.00	212.54	3503.94	844.63	-741.87	-403.78	3.00	2111620.96	2758307.05	N 36 48 10.665	W 107 42 46.965
5969.00	0.00	212.54	5836.61	844.63	-741.87	-403.78	0.00	2111620.96	2758307.05	N 36 48 10.665	W 107 42 46.965

Survey Error Model: Topographic 3-D 95.00% Confidence 2.7955 sigma *N/S* *E/W*

Surveying Programme:

MD From (ft)	MD To (ft)	EOU Freq	Survey Tool Type
0.00	195.00	Act-Stns	Blind Drilling
195.00	2979.00	Act-Stns	MWD1
2979.00	5969.00	Act-Stns	Blind Drilling

