

EXHIBIT #4

1/5

Bonneville Fuels Corp.

***New Mexico
Eddy County
Sec. 1-T21S-R26E
Avalon 1 Federal #4***

PROPOSAL REPORT

5 July, 2000

sperry-sun
DRILLING SERVICES
A Halliburton Company

Proposal Ref: pro4799

Sperry-Sun Drilling Services

Proposal Report for Avalon 1 Federal #4



2/5

Bonneville Fuels Corp.
New Mexico

Eddy County
Sec. 1-T21S-R26E

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.000	0.000	0.00	0.00 N	0.00 E	0.00	
1000.00	0.000	0.000	1000.00	0.00 N	0.00 E	0.00	0.00
2000.00	0.000	0.000	2000.00	0.00 N	0.00 E	0.00	0.00
2400.00	0.000	0.000	2400.00	0.00 N	0.00 E	0.00	0.00
2500.00	2.000	222.768	2499.98	1.28 S	1.19 W	1.75	2.00
2600.00	4.000	222.768	2599.84	5.12 S	4.74 W	6.98	2.00
2700.00	6.000	222.768	2699.45	11.52 S	10.66 W	15.69	2.00
2800.00	8.000	222.768	2798.70	20.47 S	18.93 W	27.88	2.00
2900.00	10.000	222.768	2897.47	31.95 S	29.55 W	43.52	2.00
3000.00	12.000	222.768	2995.62	45.96 S	42.51 W	62.60	2.00
3100.00	14.000	222.768	3093.06	62.47 S	57.78 W	85.10	2.00
3200.00	16.000	222.768	3189.64	81.47 S	75.36 W	110.98	2.00
3300.00	18.000	222.768	3285.27	102.93 S	95.21 W	140.21	2.00
3390.06	19.801	222.768	3370.47	124.35 S	115.02 W	169.38	2.00
4000.00	19.801	222.768	3944.35	276.03 S	255.32 W	376.01	0.00
5000.00	19.801	222.768	4885.22	524.71 S	485.35 W	714.76	0.00
6000.00	19.801	222.768	5826.09	773.40 S	715.38 W	1053.52	0.00
7000.00	19.801	222.768	6766.97	1022.08 S	945.41 W	1392.28	0.00
8000.00	19.801	222.768	7707.84	1270.76 S	1175.44 W	1731.04	0.00
8554.47	19.801	222.768	8229.53	1408.65 S	1302.98 W	1918.87	0.00
8600.00	18.891	222.768	8272.48	1419.72 S	1313.22 W	1933.95	2.00
8700.00	16.891	222.768	8367.64	1442.28 S	1334.08 W	1964.67	2.00
8800.00	14.891	222.768	8463.82	1462.37 S	1352.67 W	1992.05	2.00
8900.00	12.891	222.768	8560.89	1480.00 S	1368.97 W	2016.06	2.00
9000.00	10.891	222.768	8658.74	1495.12 S	1382.96 W	2036.66	2.00
9100.00	8.891	222.768	8757.25	1507.73 S	1394.63 W	2053.84	2.00
9200.00	6.891	222.768	8856.29	1517.81 S	1403.95 W	2067.56	2.00
9300.00	4.891	222.768	8955.76	1525.34 S	1410.92 W	2077.83	2.00
9400.00	2.891	222.768	9055.53	1530.32 S	1415.52 W	2084.61	2.00
9500.00	0.891	222.768	9155.47	1532.75 S	1417.76 W	2087.91	2.00
9544.54	0.000	0.000	9200.00	1533.00 S	1418.00 W	2088.26	2.00
10000.00	0.000	0.000	9655.46	1533.00 S	1418.00 W	2088.26	0.00
11000.00	0.000	0.000	10655.46	1533.00 S	1418.00 W	2088.26	0.00
11744.54	0.000	0.000	11400.00	1533.00 S	1418.00 W	2088.26	0.00

All data is in feet unless otherwise stated. Directions and coordinates are relative to True North.
Vertical depths are relative to Well. Northings and Eastings are relative to Well.

The Dogleg Severity is in Degrees per 100 feet.
Vertical Section is from Well and calculated along an Azimuth of 222.768° (True).

Based upon Minimum Curvature type calculations, at a Measured Depth of 11744.54ft.,
The Bottom Hole Displacement is 2088.26ft., in the Direction of 222.768° (True).

Continued...

Sperry-Sun Drilling Services

Proposal Report for Avalon 1 Federal #4



3/5

Bonneville Fuels Corp.
New Mexico

Eddy County
Sec. 1-T21S-R26E

Comments

Measured Depth (ft)	Station TVD (ft)	Coordinates Northings (ft)	Eastings (ft)	Comment
2400.00	2400.00	0.00 N	0.00 E	Kick-Off at 2400.00ft
2895.03	2892.57	31.32 S	28.97 W	Build Rate = 2.00°/100ft
3390.06	3370.47	124.35 S	115.02 W	End of Build at 3390.06ft
5972.27	5800.00	766.50 S	709.00 W	Hold Angle at 19.801°
8554.47	8229.53	1408.65 S	1302.98 W	Drop to Vertical at 8554.47ft
9049.50	8707.43	1501.68 S	1389.03 W	Drop Rate = 2.00°/100ft
9544.54	9200.00	1533.00 S	1418.00 W	End of Drop at 9544.54ft
10644.54	10300.00	1533.00 S	1418.00 W	Hold Angle at 0.000°
11744.54	11400.00	1533.00 S	1418.00 W	Total Depth at 11744.54ft

Formation Tops

Formation Plane (Below Well Origin)			Profile		Penetration Point			Formation Name
Sub-Sea (ft)	Dip Deg.	Dip Dir. Deg.	Measured Depth (ft)	Vertical Depth (ft)	Sub-Sea Depth (ft)	Northings (ft)	Eastings (ft)	
3752.00	0.000	0.000	3795.57	3752.00	3752.00	225.19 S	208.30 W	Brushy Canyon
4542.00	0.000	0.052	4635.21	4542.00	4542.00	434.00 S	401.44 W	Bone Springs Ls
8152.00	0.000	0.052	8472.07	8152.00	8152.00	1388.16 S	1284.03 W	3rd Bone Springs
8532.00	0.000	0.052	8870.33	8532.00	8532.00	1475.03 S	1364.38 W	Wolfcamp
8882.00	0.000	0.052	9225.88	8882.00	8882.00	1520.00 S	1405.98 W	Wfcmp Detrital
9528.00	0.000	0.052	9872.54	9528.00	9528.00	1533.00 S	1418.00 W	Cisco

Casing details

From		To		Casing Detail
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	
<Surface>	<Surface>	700.00	700.00	13 3/8" Casing
<Surface>	<Surface>	2360.00	2360.00	9 5/8" Casing

Continued...

Sperry-Sun Drilling Services

Proposal Report for Avalon 1 Federal #4



4/5

Bonneville Fuels Corp.
New Mexico

Eddy County
Sec. 1-T21S-R26E

Targets associated with this wellpath

Target Name	Target Entry Coordinates			Target Shape	Target Type
	TVD (ft)	Northings (ft)	Eastings (ft)		
Avalon 1 Federal #4	9200.00	1533.00 S	1418.00 W	Circle	Current Target

New Mexico Eddy County Sec. 1-T21S-R26E Avalon 1 Federal #4

5/5

