



Radius, Inc.

Horizontal Guidance Systems

13444 Almeda School Road
Houston, Texas 77047
Office: (713) 433-2500
Fax: (713) 433-2566

PERFORMANCE CERTIFICATION

TRC Operator No. 676028

Mr. Ron Brooks
ENERGY DEVELOPMENT CORPORATION
1000 Louisiana
Suite 2900
Houston, TX 77002

RECEIVED

MAR 1 0 1994

CON. DIV.
DIST. 3

Re: Directional Survey Filing and Certification
Original 3 of 4

For: Energy Development Corporation
San Isidro 5-2
Sandoval County, New Mexico
API No. 30-043-20895

I, Walt Coram, President of Precision Radius, Inc., having personal knowledge of all the facts, certify the Tensor all-angle continuous readout steering tool survey records obtained on October 4 through October 17, 1994, from a depth of 3799 feet measured to a depth of 6670 feet measured with bottom hole coordinates from surface location of 4875.3 True Vertical Depth, total North 1608.5 feet, total West 1518.1 feet, with 2211.5 feet closure displacement at a bearing of North 43.4 degrees West (True), to be accurate and correct to the best of my knowledge.

Sincerely,

RADIUS, INC.

Walt Coram
President

WC/ms

THE STATE OF TEXAS §
COUNTY OF HARRIS §

This instrument was acknowledged before me on MARCH 01, 1994, by Walt Coram, President of Radius, Inc., a Texas corporation, on behalf of said corporation, in the capacity therein stated.

NOTARY PUBLIC, STATE OF TEXAS

APRIL 17, 1994
My commission expires:

Radius, Inc.
Directional Survey Report
Version 2.6

Company: Energy Development Corporation
Well: San Isidro Well No. 5-2
Location: Cuba, New Mexico
Field: Rio Puerco
Operator: Moehrig/Burrow/Bland
Job No.: 3pcstg075

Survey File -> 75
17 Oct 1993
Probe 2093
Depth Units: Feet
Dec: 11.3

RECEIVED

MAR 1 0 1994

VS Azimuth - 317.6
VS Origin North - 0.0
VS Origin East - 0.0

OIL CON. DIV.
DIST. 3

Method: Minimum Curvature

Station	MD	Inc	Az	North	East	TVD	VS	DL	DS
0	3780.0	3.3	164.3	-8.0	42.0	3779.0	-35.0	0.0	TI
1	3799.0	3.1	269.8	-8.5	41.6	3798.0	-34.4	26.6	ST
2	3830.0	4.2	300.1	-8.0	39.8	3828.9	-32.7	7.0	ST
3	3861.0	5.5	305.6	-6.5	37.6	3859.8	-30.2	4.5	ST
4	3893.0	5.7	305.2	-4.7	35.1	3891.7	-27.2	0.5	ST
5	3925.0	5.7	305.8	-2.9	32.5	3923.5	-24.1	0.3	ST
6	3956.0	5.6	303.4	-1.2	30.0	3954.4	-21.1	0.9	ST
7	3987.0	5.8	306.8	0.6	27.5	3985.2	-18.1	1.4	ST
8	4018.0	8.7	319.4	3.3	24.7	4016.0	-14.2	10.5	ST
9	4050.0	12.1	326.9	8.0	21.3	4047.4	-8.5	11.5	ST
10	4081.0	12.7	328.6	13.6	17.8	4077.7	-1.9	2.3	ST
11	4110.0	13.4	328.6	19.2	14.4	4105.9	4.5	2.3	ST
12	4141.0	12.4	326.6	25.0	10.7	4136.2	11.3	3.4	ST
13	4172.0	12.8	320.4	30.5	6.6	4166.4	18.0	4.5	ST
14	4204.0	12.9	319.8	35.9	2.1	4197.6	25.2	0.4	ST
15	4234.0	12.8	318.6	41.0	-2.3	4226.9	31.8	1.0	ST
16	4266.0	16.3	319.7	47.1	-7.5	4257.8	39.8	11.0	ST
17	4298.0	19.5	320.8	54.6	-13.8	4288.3	49.6	10.1	ST
18	4329.0	22.1	317.3	62.9	-21.0	4317.3	60.6	9.2	ST
19	4362.0	24.1	322.0	72.8	-29.4	4347.6	73.6	8.4	ST

Radius, Inc.
Directional Survey Report
Version 2.0

Company: Energy Development Corporation
Well: San Isidro Well No. 3-2
Location: Cuba, New Mexico
Field: Rio Puerco
Operator: Moehrig/Burrow/Bland
Job No.: Spcstg075

Survey File: 11-11
17 Oct 1993
Probe: 095
Depth Units: Feet
Dec: 11.3

RECEIVED

MAR 1 0 1994

OIL CON. DIV.
DIST. 3

VS Azimuth - 317.6
VS Origin North - 0.0
VS Origin East - 0.0
Method: Minimum Curvature

Station	MD	Inc	AZ	North	East	TVD	VS	DL	DS
20	4394.0	26.5	319.4	83.4	-38.1	4376.6	87.2	8.1	ST
21	4425.0	27.3	325.3	94.5	-46.0	4404.2	101.2	9.0	ST
22	4454.0	28.9	326.7	105.8	-54.2	4429.8	114.7	6.2	ST
23	4485.0	30.7	324.4	118.5	-63.0	4456.7	130.0	6.8	ST
24	4517.0	34.3	321.6	132.2	-73.3	4483.7	147.1	12.0	ST
25	4548.0	37.8	318.4	146.1	-85.1	4508.7	165.3	12.9	ST
26	4577.0	41.0	315.0	159.5	-97.7	4531.1	183.7	13.4	ST
27	4608.0	45.3	313.9	174.4	-112.8	4553.7	204.9	14.1	ST
28	4638.0	48.8	311.4	189.2	-129.0	4574.2	226.7	13.0	ST
29	4669.0	51.1	314.8	205.5	-146.3	4594.1	250.4	11.2	ST
30	4702.0	55.5	316.7	224.4	-164.8	4613.8	276.8	14.0	ST
31	4733.0	59.3	319.8	243.9	-182.1	4630.5	302.9	15.0	ST
32	4764.0	62.1	317.5	264.2	-200.0	4645.7	330.0	10.9	ST
33	4795.0	63.9	321.3	285.2	-218.0	4659.8	357.6	12.2	ST
34	4826.0	67.1	320.6	307.1	-235.7	4672.6	385.7	10.6	ST
35	4856.0	70.9	317.8	328.2	-254.0	4683.4	413.7	15.5	ST
36	4888.0	76.0	317.9	351.0	-274.6	4692.5	444.4	16.0	ST
37	4920.0	80.5	317.7	374.2	-295.7	4699.0	475.7	14.2	ST
38	4952.0	78.4	316.8	397.3	-317.0	4704.9	507.1	7.1	ST

Radius, Inc.
Directional Survey Report
Version 2.6

Company: Energy Development Corporation
Well: San Isidro Well No. 5-2
Location: Cuba, New Mexico
Field: Rio Puerco
Operator: Moehrig/Burrow/B...
Job No.: 3pcstg075

Survey File -> 75
17 Oct 1993
Probe 2093
Depth Units: Feet
Dec: 11.3

RECEIVED
MAR 1 01994

VS Azimuth - 317.6
VS Origin North - 0.0
VS Origin East - 0.0

CON. DIV.
ST. 3

Method: Minimum Curvature

Station	MD	Inc	AZ	North	East	TVD	VS	DL	DS
39	4983.0	77.6	316.1	419.2	-337.9	4711.3	537.5	3.5	ST
40	5015.0	77.3	316.1	441.7	-359.6	4718.3	568.7	0.9	ST
41	5046.0	77.1	316.1	463.5	-380.5	4725.1	598.9	0.7	ST
42	5078.0	76.7	316.0	486.0	-402.2	4732.4	630.0	1.2	ST
43	5110.0	76.5	316.2	508.4	-423.8	4739.8	661.2	1.1	ST
44	5141.0	76.1	316.1	530.1	-444.6	4747.2	691.3	1.4	ST
45	5172.0	75.8	316.1	551.8	-465.5	4754.7	721.3	1.0	ST
46	5203.0	75.5	316.1	573.4	-486.3	4762.4	751.4	0.9	ST
47	5234.0	77.6	315.6	595.0	-507.3	4769.6	781.5	6.9	ST
48	5266.0	80.6	314.8	617.3	-529.5	4775.6	812.9	9.5	ST
49	5296.0	83.7	314.9	638.3	-550.5	4779.8	842.6	10.5	ST
50	5327.0	84.4	314.8	660.0	-572.4	4783.0	873.4	2.4	ST
51	5358.0	84.7	315.3	681.9	-594.2	4785.9	904.2	1.6	ST
52	5390.0	84.5	314.8	704.4	-616.7	4788.9	936.0	1.4	ST
53	5419.0	84.5	314.9	724.8	-637.1	4791.7	964.8	0.3	ST
54	5451.0	85.4	315.1	747.4	-659.6	4794.5	996.7	3.0	ST
55	5483.0	85.3	315.0	769.9	-682.2	4797.1	1028.6	0.5	ST
56	5514.0	85.2	315.4	791.9	-703.9	4799.7	1059.4	1.3	ST
57	5546.0	85.2	315.5	814.6	-726.3	4802.3	1091.3	0.3	ST

Radius, Inc.
Directional Survey Report
Version 2.6

Company: Energy Development Corporation
Well: San Isidro Well No. 5-2
Location: Cuba, New Mexico
Field: Rio Puerco
Operator: Moehrig/Burrow/Blind
Job No.: 3pcstg075

Survey File -> 75
17 Oct 1993
Probe 2093
Depth Units: Feet
Dec: 11.3

VS Azimuth - 317.6
VS Origin North - 0.0
VS Origin East - 0.0

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MAR 1 01994
OIL CON. DIV.
DIST. 3

Method: Minimum Curvature

Station	MD	Inc	Az	North	East	TVD	VS	DL	DS
58	5576.0	85.0	315.3	835.9	-747.3	4804.9	1121.2	1.3	ST
59	5607.0	85.0	315.4	857.9	-769.0	4807.6	1152.0	0.5	ST
60	5638.0	85.2	315.6	879.9	-790.6	4810.3	1182.9	1.0	ST
61	5670.0	85.4	315.5	902.7	-813.0	4812.9	1214.8	0.7	ST
62	5701.0	85.6	315.6	924.7	-834.6	4815.3	1245.6	0.8	ST
63	5732.0	85.4	315.2	946.7	-856.3	4817.8	1276.5	1.6	ST
64	5763.0	85.4	315.3	968.6	-878.1	4820.3	1307.4	0.4	ST
65	5794.0	85.1	314.6	990.5	-900.0	4822.8	1338.2	2.5	ST
66	5826.0	84.7	314.6	1012.8	-922.7	4825.7	1370.1	1.3	ST
67	5858.0	84.7	314.4	1035.1	-945.4	4828.7	1401.9	0.5	ST
68	5890.0	85.4	314.6	1057.5	-968.1	4831.4	1433.7	2.3	ST
69	5919.0	85.2	314.0	1077.7	-988.8	4833.8	1462.6	2.1	ST
70	5951.0	86.6	314.1	1099.9	-1011.8	4836.1	1494.4	4.5	ST
71	5982.0	87.9	313.7	1121.3	-1034.1	4837.6	1525.3	4.5	ST
72	6014.0	87.7	313.1	1143.3	-1057.3	4838.8	1557.2	1.9	ST
73	6045.0	87.5	312.5	1164.3	-1080.0	4840.1	1588.1	1.8	ST
74	6077.0	88.6	313.4	1186.1	-1103.5	4841.2	1620.0	4.3	ST
75	6108.0	89.2	314.2	1207.6	-1125.8	4841.8	1650.9	3.2	ST
76	6141.0	88.6	315.5	1230.8	-1149.2	4842.4	1683.8	4.3	ST

Radius, Inc.
Directional Survey Report
Version 2.6

Company: Energy Development Corporation
Well: San Isidro Well No. 5-2
Location: Cuba, New Mexico
Field: Rio Puerco
Operator: Moehrig/Burrow/B
Job No.: 3pcstg075

Survey File -> 75
17 Oct 1993
Probe 2093
Depth Units: Feet
Dec: 11.3

RECEIVED

MAR 1 01994

CON. DIV.
DIST. 3

VS Azimuth - 317.6
VS Origin North - 0.0
VS Origin East - 0.0
Method: Minimum Curvature

Station	MD	Inc	AZ	North	East	TVD	VS	DL	DS
77	6172.0	88.4	315.8	1253.0	-1170.9	4843.2	1714.8	1.1	ST
78	6202.0	87.1	316.7	1274.6	-1191.7	4844.4	1744.8	5.2	ST
79	6233.0	86.7	316.5	1297.1	-1212.9	4846.1	1775.7	1.5	ST
80	6265.0	86.2	315.8	1320.1	-1235.1	4848.1	1807.7	2.6	ST
81	6296.0	86.4	315.7	1342.3	-1256.7	4850.1	1838.6	0.7	ST
82	6328.0	86.6	315.3	1365.0	-1279.1	4852.0	1870.5	1.4	ST
83	6359.0	87.1	315.5	1387.1	-1300.8	4853.7	1901.4	1.9	ST
84	6389.0	87.5	315.4	1408.5	-1321.8	4855.1	1931.4	1.5	ST
85	6421.0	85.8	315.2	1431.2	-1344.2	4857.0	1963.3	5.6	ST
86	6452.0	85.9	316.2	1453.3	-1365.8	4859.3	1994.2	3.2	ST
87	6484.0	85.6	315.9	1476.3	-1388.0	4861.6	2026.1	1.1	ST
88	6515.0	85.7	315.7	1498.5	-1409.5	4864.0	2057.0	0.7	ST
89	6547.0	85.7	315.6	1521.3	-1431.8	4866.3	2088.9	0.4	ST
90	6576.0	85.4	315.2	1541.9	-1452.1	4868.6	2117.8	1.7	ST
91	6608.0	85.8	315.2	1564.5	-1474.6	4871.1	2149.6	1.3	ST
92	6639.0	86.0	315.1	1586.5	-1496.4	4873.3	2180.5	0.6	ST
93	6670.0	86.7	315.9	1608.5	-1518.1	4875.3	2211.5	3.4	ST

EDC

1/10

33

32

Precision Radius, Inc.
CERTIFIED BOTTOM HOLE LOCATION

Operator: Energy Development Corporation
Well Name: San Isidro 5-2
Total MD: 6670.0
True Vertical Depth: 4875.3
Total North: 1608.5
Total West: 1518.1
Horizontal Displacement: 2211.5
Displacement Bearing: North 43.4 West (True)
Survey Dates: October 4-17, 1993

PROPOSED 480 DRLG. BLK.
E1/2 SEC. 32. 2N-2W
NE1/4 SEC. 8. 20N-2W

EDC
SAN ISIDRO 5-2
X = 725761.6'
Y = 1820971.6'
LAT. 36° 0' 8"
LON. 107° 4' 12"

BHL

PBL

1975'

6

RECEIVED
FARI 01334
OIL CORP. DIV.
DIST. 3

VETERAN EXPL.
JENKINSON
5-14
TA
3779 MD

5

4

X = 727286'
Y = 1819309'
LAT. 35° 59' 52"
LON. 107° 3' 54"

GARY & WILLIAMS OIL

16

4996 MD

SL



ENERGY DEVELOPMENT CORPORATION

EDC - SAN ISIDRO
WELL NO. 5-2

SANDOVAL CO., NEW MEXICO



Radius, Inc.

Horizontal Guidance Systems

13444 Almeda School Road
Houston, Texas 77047
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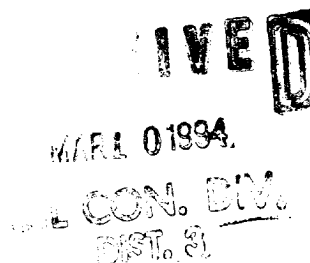
PERFORMANCE CERTIFICATION

TRC Operator No. 676028

Mr. Ron Brooks
ENERGY DEVELOPMENT CORPORATION
1000 Louisiana
Suite 2900
Houston, TX 77002

Re: Directional Survey Filing and Certification
Original 4 of 4

For: Energy Development Corporation
San Isidro 5-2
Sandoval County, New Mexico
API No. 30-043-20895



I, Walt Coram, President of Precision Radius, Inc., having personal knowledge of all the facts, certify the Tensor all-angle continuous readout steering tool survey records obtained on October 4 through October 17, 1994, from a depth of 3799 feet measured to a depth of 6670 feet measured with bottom hole coordinates from surface location of 4875.3 True Vertical Depth, total North 1608.5 feet, total West 1518.1 feet, with 2211.5 feet closure displacement at a bearing of North 43.4 degrees West (True), to be accurate and correct to the best of my knowledge.

Sincerely,

RADIUS, INC.

Walt Coram
President

WC/ms

THE STATE OF TEXAS §
COUNTY OF HARRIS §

This instrument was acknowledged before me on MARCH 07, 1994, by Walt Coram, President of Radius, Inc., a Texas corporation, on behalf of said corporation, in the capacity therein stated.

NOTARY PUBLIC, STATE OF TEXAS

APRIL 17, 1994
My commission expires:

Radius, Inc.
Directional Survey Report
Version 2.6

Company: Energy Development Corporation
Well: San Isidro Well No. 5-2
Location: Cuba, New Mexico
Field: Rio Puerco
Operator: Moehrig/Burrow/Bland
Job No.: 3pcstg075

Survey File -> 75
17 Oct 1993
Probe 2093
Depth Units: Feet
Dec: 11.3

VS Azimuth - 317.6 Method: Minimum Curvature
VS Origin North - 0.0
VS Origin East - 0.0

Station	MD	Inc	Az	North	East	TVD	VS	DL	DS
0	3780.0	3.3	164.3	-8.0	42.0	3779.0	-35.0	0.0	TI
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5	3925.0	5.7	305.8	-2.9	32.5	3923.5	-24.1	0.3	ST
6	3956.0	5.6	303.4	-1.2	30.0	3954.4	-21.1	0.9	ST
7	3987.0	5.8	306.8	0.6	27.5	3985.2	-18.1	1.4	ST
8	4018.0	8.7	319.4	3.3	24.7	4016.0	-14.2	10.5	ST
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10	4081.0	12.7	328.6	13.6	17.8	4077.7	-1.9	2.3	ST
11	4110.0	13.4	328.6	19.2	14.4	4105.9	4.5	2.3	ST
12	4141.0	12.4	326.6	25.0	10.7	4136.2	11.3	3.4	ST
13	4172.0	12.8	320.4	30.5	6.6	4166.4	18.0	4.5	ST
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RECEIVED
MAR 1 0 1994
OIL CON. DIV.
DIST. 2

Radius, Inc.
Directional Survey Report
Version 2.6

Company: Energy Development Corporation
Well: San Isidro Well No. 5-2
Location: Cuba, New Mexico
Field: Rio Puerco
Operator: Moehrig/Burrow/Bland
Job No.: 3pcstg075

Survey File -> 75
17 Oct 1993
Probe 2093
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Dec: 11.3

VS Azimuth - 317.6 Method: Minimum Curvature
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VS Origin East - 0.0

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24	4517.0	34.3	321.6	132.2	-73.3	4483.7	147.1	12.0	ST
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36	4888.0	76.0	317.9	351.0	-274.6	4692.5	444.4	16.0	ST
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PROCESSED
OCT 1994
CON. DIV.

Radius, Inc.
Directional Survey Report
Version 2.6

Company: Energy Development Corporation
Well: San Isidro Well No. 5-2
Location: Cuba, New Mexico
Field: Rio Puerco
Operator: Moehrig/Burrow/Bland
Job No.: 3pcstg075

Survey File -> 75
17 Oct 1993
Probe 2093
Depth Units: Feet
Dec: 11.3

VS Azimuth - 317.6
VS Origin North - 0.0
VS Origin East - 0.0

Method: Minimum Curvature

Station	MD	Inc	Az	North	East	TVD	VS	DL	DS
39	4983.0	77.6	316.1	419.2	-337.9	4711.3	537.5	3.5	ST
40	5015.0	77.3	316.1	441.7	-359.6	4718.3	568.7	0.9	ST
41	5046.0	77.1	316.1	463.5	-380.5	4725.1	598.9	0.7	ST
42	5078.0	76.7	316.0	486.0	-402.2	4732.4	630.0	1.2	ST
43	5110.0	76.5	316.2	508.4	-423.8	4739.8	661.2	1.1	ST
44	5141.0	76.1	316.1	530.1	-444.6	4747.2	691.3	1.4	ST
45	5172.0	75.8	316.1	551.8	-465.5	4754.7	721.3	1.0	ST
46	5203.0	75.5	316.1	573.4	-486.3	4762.4	751.4	0.9	ST
47	5234.0	77.6	315.6	595.0	-507.3	4769.6	781.5	6.9	ST
48	5266.0	80.6	314.8	617.3	-529.5	4775.6	812.9	9.5	ST
49	5296.0	83.7	314.9	638.3	-550.5	4779.8	842.6	10.5	ST
50	5327.0	84.4	314.8	660.0	-572.4	4783.0	873.4	2.4	ST
51	5358.0	84.7	315.3	681.9	-594.2	4785.9	904.2	1.6	ST
52	5390.0	84.5	314.8	704.4	-616.7	4788.9	936.0	1.4	ST
53	5419.0	84.5	314.9	724.8	-637.1	4791.7	964.8	0.3	ST
54	5451.0	85.4	315.1	747.4	-659.6	4794.5	996.7	3.0	ST
55	5483.0	85.3	315.0	769.9	-682.2	4797.1	1028.6	0.5	ST
56	5514.0	85.2	315.4	791.9	-703.9	4799.7	1059.4	1.3	ST
57	5546.0	85.2	315.5	814.6	-726.3	4802.3	1091.3	0.3	ST

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Radius, Inc.
Directional Survey Report
Version 2.6

Company: Energy Development Corporation
Well: San Isidro Well No. 5-2
Location: Cuba, New Mexico
Field: Rio Puerco
Operator: Moehrig/Burrow/Bland
Job No.: 3pcstg075

Survey File -> 75
17 Oct 1993
Probe 2093
Depth Units: Feet
Dec: 11.3

VS Azimuth - 317.6
VS Origin North - 0.0
VS Origin East - 0.0

Method: Minimum Curvature

Station	MD	Inc	Az	North	East	TVD	VS	DL	DS
58	5576.0	85.0	315.3	835.9	-747.3	4804.9	1121.2	1.3	ST
59	5607.0	85.0	315.4	857.9	-769.0	4807.6	1152.0	0.5	ST
60	5638.0	85.2	315.6	879.9	-790.6	4810.3	1182.9	1.0	ST
61	5670.0	85.4	315.5	902.7	-813.0	4812.9	1214.8	0.7	ST
62	5701.0	85.6	315.6	924.7	-834.6	4815.3	1245.6	0.8	ST
63	5732.0	85.4	315.2	946.7	-856.3	4817.8	1276.5	1.6	ST
64	5763.0	85.4	315.3	968.6	-878.1	4820.3	1307.4	0.4	ST
65	5794.0	85.1	314.6	990.5	-900.0	4822.8	1338.2	2.5	ST
66	5826.0	84.7	314.6	1012.8	-922.7	4825.7	1370.1	1.3	ST
67	5858.0	84.7	314.4	1035.1	-945.4	4828.7	1401.9	0.5	ST
68	5890.0	85.4	314.6	1057.5	-968.1	4831.4	1433.7	2.3	ST
69	5919.0	85.2	314.0	1077.7	-988.8	4833.8	1462.6	2.1	ST
70	5951.0	86.6	314.1	1099.9	-1011.8	4836.1	1494.4	4.5	ST
71	5982.0	87.9	313.7	1121.3	-1034.1	4837.6	1525.3	4.5	ST
72	6014.0	87.7	313.1	1143.3	-1057.3	4838.8	1557.2	1.9	ST
73	6045.0	87.5	312.5	1164.3	-1080.0	4840.1	1588.1	1.8	ST
74	6077.0	88.6	313.4	1186.1	-1103.5	4841.2	1620.0	4.3	ST
75	6108.0	89.2	314.2	1207.6	-1125.8	4841.8	1650.9	3.2	ST
76	6141.0	88.6	315.5	1230.8	-1149.2	4842.4	1683.8	4.3	ST

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Radius, Inc.
Directional Survey Report
Version 2.6

Company: Energy Development Corporation
Well: San Isidro Well No. 5-2
Location: Cuba, New Mexico
Field: Rio Puerco
Operator: Moehrig/Burrow/Bland
Job No.: 3pcstg075

Survey File -> 75
17 Oct 1993
Probe 2093
Depth Units: Feet
Dec: 11.3

VS Azimuth - 317.6 Method: Minimum Curvature
VS Origin North - 0.0
VS Origin East - 0.0

Station	MD	Inc	AZ	North	East	TVD	VS	DL	DS
77	6172.0	88.4	315.8	1253.0	-1170.9	4843.2	1714.8	1.1	ST
78	6202.0	87.1	316.7	1274.6	-1191.7	4844.4	1744.8	5.2	ST
79	6233.0	86.7	316.5	1297.1	-1212.9	4846.1	1775.7	1.5	ST
80	6265.0	86.2	315.8	1320.1	-1235.1	4848.1	1807.7	2.6	ST
81	6296.0	86.4	315.7	1342.3	-1256.7	4850.1	1838.6	0.7	ST
82	6328.0	86.6	315.3	1365.0	-1279.1	4852.0	1870.5	1.4	ST
83	6359.0	87.1	315.5	1387.1	-1300.8	4853.7	1901.4	1.9	ST
84	6389.0	87.5	315.4	1408.5	-1321.8	4855.1	1931.4	1.5	ST
85	6421.0	85.8	315.2	1431.2	-1344.2	4857.0	1963.3	5.6	ST
86	6452.0	85.9	316.2	1453.3	-1365.8	4859.3	1994.2	3.2	ST
87	6484.0	85.6	315.9	1476.3	-1388.0	4861.6	2026.1	1.1	ST
88	6515.0	85.7	315.7	1498.5	-1409.5	4864.0	2057.0	0.7	ST
89	6547.0	85.7	315.6	1521.3	-1431.8	4866.3	2088.9	0.4	ST
90	6576.0	85.4	315.2	1541.9	-1452.1	4868.6	2117.8	1.7	ST
91	6608.0	85.8	315.2	1564.5	-1474.6	4871.1	2149.6	1.3	ST
92	6639.0	86.0	315.1	1586.5	-1496.4	4873.3	2180.5	0.6	ST
93	6670.0	86.7	315.9	1608.5	-1518.1	4875.3	2211.5	3.4	ST

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OIL CON. DIV.
DIST. 3

EDC

1870

32

33

Precision Radius, Inc.
CERTIFIED BOTTOM HOLE LOCATION

Operator: Energy Development Corporation
Well Name: San Isidro 5-2
Total MD: 6670.0
True Vertical Depth: 4875.3
Total North: 1608.5
Total West: 1518.1
Horizontal Displacement: 2211.5
Displacement Bearing: North 43.4 West (True)
Survey Dates: October 4-17, 1993

PROPOSED 480 DRUG. BLK.
E1/2 SEC. 32. 2IN-2W
NE1/4 SEC. 8. 2ON-2W

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OIL CON. DIV
DIST. 3

EDC
SAN ISIDRO 5-2
X = 725761.6'
Y = 1820971.6'
LAT. 36° 0' 8"
LON. 107° 4' 12"

BHL

PAHL

1975'

1200'

6

5

4

X = 727286'
Y = 1819309'
LAT. 35° 59' 52"
LON. 107° 3' 34"

1730'

VETERAN EXPL
JCH-6550N
5-14
TA
3779 MD

SL

GARY & WILLIAMS OIL
16
4996 MD

ENERGY DEVELOPMENT CORPORATION

EDC - SAN ISIDRO
WELL NO. 5-2

SANDOVAL CO., NEW MEXICO

SCALE: 1" = 1000' DATE: 3-3-1993