

223696

RIG: ROWAN #7

RKB= 32'
GR.ELEV.=13'

SAMSON RESOURCES COMPANY

Structure : SAMSON TEXACO FEE

Well : NO.1

Field : WEST POINT FING PROSPECT

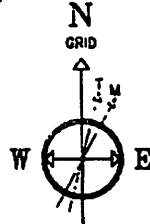
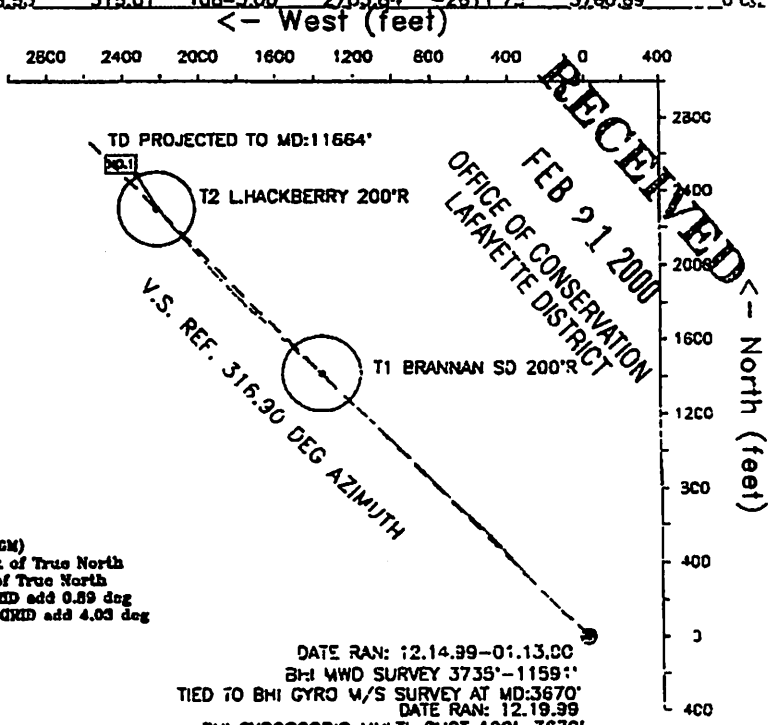
Location : CALCASIEU PARISH, LOUISIANA

Created by pabley
Date plotted : 1-Feb-2000
Plot Reference is A.1 TCTS 20u 1028.99 RL
Coordinates are in feet reference slot #1.
True Vertical Depths are reference rotary table.
EWSSTF1
--- Solar Hughes INTEQ ---

PROFILE COMMENT DATA

Point	MD	Inc	Dir	TVD	North	East	V. Sect	Deg/100
16 IN DP	100.00	0.00	316.01	100.00	0.00	0.00	0.00	0.00
10-3/4 IN CSG	3500.00	0.00	316.01	3500.00	0.00	0.00	0.00	0.00
TGT1	9219.02	38.63	316.01	8605.00	1417.86	-1368.56	1970.60	0.00
7-5/8 IN CSG	10108.59	38.63	316.01	9300.00	1817.48	-1754.28	2526.01	0.00
TGT2	11190.36	38.63	316.01	10145.00	2303.35	-2223.25	3201.29	0.00
TD/PBHL/5-1/2 IN LIN	12086.43	38.63	316.01	10845.00	2705.84	-2611.75	3760.69	0.00

BHI GYROSCOPIC MULTI-SHOT 100'-3670'
DATE RAN: 12.19.99
SURVEYOR: TCBY RODRIGUEZ
TIED TO BHI GYRO W/S SURVEY AT MD:3670'
BHI MWD SURVEY 3735'-11591'
DATE RAN: 12.14.99-01.13.00
SURVEYOR: CHARLIE JAEGER/JOE WAGUESPACK



14-Jan-2000 (source: BSGM)
Magnetic North is 3.14 degrees East of True North
GRID North is 0.89 degrees West of True North
To correct azimuth from True to GRID add 0.89 deg
To correct azimuth from Magnetic to GRID add 4.03 deg

SURFACE LOCATION

X=1440073.25'
Y= 598401.65'
N 30d-18'-01.093" LAT
W 93d-06'-27.551" LONG
LAMBERT - LA SOUTH

BHI GYRO 100'-3670'
BHI MWD 3735'-11591'

PROPOSED B.H.L.

3432.07' ON AZIMUTH 316.90 DEG
FROM SURFACE LOCATION
N-2484.11' W-2524.49'
MD:11664.00' TVD:10606.91'
X=1437748.76' Y=600885.76'

B- S.C.#9566
12.13.99-01.13.00



INTEQ

Vertical Section (feet) →

Azimuth 316.01 with reference 0.00 N, 0.00 E from slot #1

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OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

SAMSON RESOURCES COMPANY
SAMSON TEXACO FEE

NO.1
slot #1
WEST POINT FING PROSPECT
CALCASIEU PARISH, LOUISIANA

SURVEY LISTING

by
Baker Hughes INTEQ

Your ref : BHI MWD (3735' -11591')
Our ref : svy12744
License :

Date printed : 1-Feb-2000
Date created : 20-Dec-1999
Last revised : 1-Feb-2000

Field is centred on 1440073.250,598401.650,999.00000,N
Structure is centred on 1440073.250,598401.650,999.00000,N

Slot location is n30 18 1.093,w93 6 27.551
Slot Grid coordinates are N 598401.650, E 1440073.250
Slot local coordinates are 0.00 N 0.00 E

Projection type: Lambert - Louisiana South (1702), Spheroid: Clarke - 1866

Reference North is Grid North

SAMSON RESOURCES COMPANY
 SAMSON TEXACO FEE, NO.1
 WEST POINT FING PROSPECT, CALCASIEU PARISH, LOUISIA

SURVEY LISTING Page 1
 Your ref : BHI MMD (3735' - 11542)
 Last revised : 1-Feb-2000

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 OFFICE OF CONSERVATION
 LAFAYETTE DISTRICT

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	RECTANGULAR COORDINATES			Dogleg Deg/100ft	Vert Sect	GRID COORDS Easting Northing	
0.00	0.00	0.00	0.00	0.00N	0.00E	0.00	0.00	1440073.25	598401.65	
100.00	0.50	109.05	100.00	0.14S	0.41E	0.50	-0.39	1440073.66	598401.51	
200.00	0.30	107.05	200.00	0.36S	1.08E	0.20	-1.01	1440074.33	598401.29	
300.00	0.50	99.05	299.99	0.51S	1.76E	0.21	-1.58	1440075.01	598401.14	
400.00	0.50	109.05	399.99	0.72S	2.60E	0.09	-2.32	1440075.85	598400.93	
500.00	0.50	107.05	499.99	0.99S	3.43E	0.02	-3.09	1440076.68	598400.66	
600.00	0.20	104.05	599.98	1.16S	4.02E	0.30	-3.62	1440077.27	598400.49	
700.00	0.30	179.05	699.98	1.46S	4.19E	0.31	-3.96	1440077.44	598400.19	
800.00	0.30	154.05	799.98	1.96S	4.31E	0.13	-4.40	1440077.56	598399.69	
900.00	0.30	139.05	899.98	2.39S	4.59E	0.08	-4.91	1440077.84	598399.26	
1000.00	0.30	169.05	999.98	2.85S	4.82E	0.16	-5.39	1440078.07	598398.80	
1100.00	0.00	0.00	1099.98	3.10S	4.87E	0.30	-5.61	1440078.12	598398.55	
1200.00	0.10	294.05	1199.98	3.07S	4.79E	0.10	-5.53	1440078.04	598398.58	
1300.00	0.10	284.05	1299.98	3.01S	4.62E	0.02	-5.38	1440077.87	598398.64	
1400.00	0.30	224.05	1399.98	3.18S	4.35E	0.26	-5.31	1440077.60	598398.47	
1500.00	0.10	29.05	1499.98	3.29S	4.22E	0.40	-5.30	1440077.47	598398.36	
1600.00	0.50	359.05	1599.98	2.78S	4.25E	0.42	-4.95	1440077.50	598398.87	
1700.00	0.70	359.05	1699.97	1.73S	4.23E	0.20	-4.19	1440077.48	598399.92	
1800.00	0.50	34.05	1799.97	0.76S	4.47E	0.41	-3.65	1440077.72	598400.89	
1900.00	0.30	18.05	1899.96	0.15S	4.79E	0.23	-3.44	1440078.04	598401.50	
2000.00	0.30	1.05	1999.96	0.36N	4.88E	0.09	-3.13	1440078.13	598402.01	
2100.00	0.30	24.05	2099.96	0.86N	4.99E	0.12	-2.84	1440078.24	598402.51	
2200.00	0.30	19.05	2199.96	1.35N	5.18E	0.03	-2.63	1440078.43	598403.00	
2300.00	0.30	19.05	2299.96	1.84N	5.35E	0.00	-2.39	1440078.60	598403.49	
2400.00	0.50	5.05	2399.96	2.53N	5.48E	0.22	-1.99	1440078.73	598404.18	
2500.00	0.50	44.05	2499.95	3.27N	5.82E	0.33	-1.69	1440079.07	598404.92	
2600.00	0.50	14.05	2599.95	4.01N	6.23E	0.26	-1.44	1440079.48	598405.66	
2700.00	0.50	359.05	2699.94	4.87N	6.33E	0.13	-0.89	1440079.58	598406.52	
2800.00	0.50	4.55	2799.94	5.74N	6.35E	0.05	-0.28	1440079.60	598407.39	
2900.00	0.50	9.05	2899.94	6.61N	6.46E	0.04	0.27	1440079.71	598408.26	
3000.00	0.70	29.05	2999.93	7.57N	6.82E	0.29	0.71	1440080.07	598409.22	
3100.00	0.70	49.05	3099.92	8.51N	7.58E	0.24	0.86	1440080.83	598410.16	
3200.00	0.70	39.05	3199.92	9.38N	8.43E	0.12	0.90	1440081.68	598411.03	
3300.00	0.70	24.05	3299.91	10.41N	9.06E	0.18	1.20	1440082.31	598412.06	
3400.00	0.70	9.05	3399.90	11.57N	9.41E	0.18	1.80	1440082.66	598413.22	
3500.00	0.80	354.05	3499.89	12.87N	9.43E	0.22	2.71	1440082.68	598414.52	
3600.00	0.80	9.05	3599.88	14.26N	9.47E	0.21	3.68	1440082.72	598415.91	
3670.00	0.80	314.05	3669.88	15.08N	9.19E	1.06	4.47	1440082.44	598416.73	
3735.00	0.40	275.50	3734.87	15.42N	8.64E	0.84	5.09	1440081.89	598417.07	
3919.00	0.10	260.30	3918.87	15.45N	7.84E	0.17	5.67	1440081.09	598417.10	
4104.00	0.40	110.90	4103.87	15.19N	8.29E	0.26	5.18	1440081.54	598416.84	
4289.00	0.40	239.30	4288.87	14.63N	8.33E	0.39	4.74	1440081.58	598416.28	
4473.00	0.30	313.90	4472.87	14.64N	7.44E	0.23	5.37	1440080.69	598416.29	
4657.00	0.60	315.90	4656.86	15.66N	6.42E	0.16	6.81	1440079.67	598417.31	
4841.00	0.20	250.90	4840.86	16.25N	5.44E	0.30	7.91	1440078.69	598417.90	
4940.00	0.20	208.70	4939.86	16.04N	5.20E	0.15	7.93	1440078.45	598417.69	
5033.00	0.70	302.90	5032.85	16.21N	4.64E	0.80	8.44	1440077.89	598417.86	
5124.00	2.00	304.60	5123.83	17.41N	2.87E	1.43	10.54	1440076.12	598419.06	
5216.00	4.00	301.50	5215.70	20.00N	1.19W	2.18	15.22	1440072.06	598421.65	
5309.00	7.20	308.20	5308.24	25.30N	8.54W	3.51	24.13	1440064.71	598426.95	

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 3402.07 on azimuth 316.90 degrees from wellhead.
 Vertical section is from wellhead on azimuth 316.01 degrees.
 Grid is Lambert - Louisiana South (1702).
 Lambert coordinates in FEET and computed using the Clarke - 1866 spheroid
 Presented by Baker Hughes INTEQ

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OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

SAWSON RESOURCES COMPANY
 SAWSON TEXACO FEE, NO.1
 WEST POINT FING PROSPECT, CALCASIEU PARISH, LOUISIA

SURVEY LISTING Page 2
 Your ref : BHI MWD (3735' -11591'
 Last revised : 1-Feb-2000

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	RECTANGULAR COORDINATES		Dogleg Deg/100ft	Vert Sect	GRID COORDS	
								Easting	Northing
5399.00	8.50	307.10	5397.40	32.80N	18.27W	1.45	36.29	1440054.98	598434.45
5493.00	9.20	307.80	5490.28	41.60N	29.75W	0.75	50.59	1440043.50	598443.25
5587.00	9.20	311.70	5583.07	51.20N	41.30W	0.66	65.52	1440031.95	598452.85
5681.00	10.70	314.50	5675.65	62.32N	53.14W	1.68	81.74	1440020.11	598463.97
5775.00	13.20	314.10	5767.61	75.91N	67.07W	2.66	101.19	1440006.18	598477.56
5868.00	15.10	313.40	5857.78	91.62N	83.50W	2.05	123.91	1439989.75	598493.27
5959.00	17.10	314.80	5945.21	109.19N	101.61W	2.24	149.13	1439971.64	598510.84
6051.00	19.00	314.50	6032.68	129.22N	121.89W	2.07	177.63	1439951.36	598530.87
6082.00	19.50	314.10	6061.94	136.36N	129.20W	1.67	187.84	1439944.05	598538.01
6175.00	23.10	314.50	6148.58	159.96N	153.37W	3.87	221.60	1439919.88	598561.61
6267.00	26.70	314.80	6232.01	187.18N	180.92W	3.92	260.32	1439892.33	598588.83
6360.00	28.80	315.90	6314.31	217.99N	211.33W	2.32	303.62	1439861.92	598619.64
6450.00	32.00	317.00	6391.93	251.01N	242.69W	3.61	349.15	1439830.56	598652.66
6542.00	32.00	318.00	6469.95	286.95N	275.63W	0.58	397.88	1439797.62	598688.60
6603.00	31.60	318.00	6521.79	310.84N	297.14W	0.66	430.01	1439776.11	598712.49
6696.00	33.10	317.00	6600.36	347.52N	330.76W	1.71	479.75	1439742.49	598749.17
6789.00	33.80	318.00	6677.95	385.32N	365.39W	0.96	531.00	1439707.86	598786.97
6883.00	33.70	318.70	6756.11	424.34N	400.10W	0.43	583.18	1439673.15	598825.99
6975.00	32.70	317.70	6833.09	461.90N	433.67W	1.24	633.51	1439639.58	598863.55
7066.00	33.30	318.40	6909.41	498.76N	466.80W	0.78	683.04	1439606.45	598900.41
7158.00	33.50	315.20	6986.22	535.66N	501.46W	1.93	733.67	1439571.79	598937.31
7252.00	33.70	315.90	7064.52	572.80N	537.88W	0.46	785.68	1439535.37	598974.45
7343.00	34.40	315.90	7139.92	609.39N	573.34W	0.77	836.63	1439499.91	599011.04
7437.00	35.30	315.90	7217.06	647.96N	610.72W	0.96	890.35	1439462.53	599049.61
7530.00	36.00	315.90	7292.63	686.88N	648.44W	0.75	944.55	1439424.81	599088.53
7623.00	36.70	315.90	7367.53	726.47N	686.80W	0.75	999.67	1439386.45	599128.12
7715.00	37.10	315.50	7441.10	766.00N	725.38W	0.51	1054.91	1439347.87	599167.65
7808.00	37.90	315.50	7514.88	806.38N	765.06W	0.86	1111.52	1439308.19	599208.03
7900.00	37.30	316.20	7587.77	846.66N	804.16W	0.80	1167.66	1439269.09	599248.31
7993.00	37.80	315.50	7661.50	887.32N	843.64W	0.71	1224.33	1439229.61	599288.97
8086.00	37.80	315.50	7734.99	927.98N	883.60W	0.00	1281.33	1439189.65	599329.63
8180.00	37.10	315.50	7809.61	968.75N	923.66W	0.74	1338.49	1439149.59	599370.40
8271.00	37.40	314.50	7882.05	1007.69N	962.61W	0.74	1393.56	1439110.64	599409.34
8366.00	37.90	314.50	7957.27	1048.37N	1004.00W	0.53	1451.57	1439069.25	599450.02
8456.00	38.40	314.80	8028.04	1087.44N	1043.55W	0.59	1507.15	1439029.70	599489.09
8549.00	38.20	314.80	8101.03	1128.05N	1084.45W	0.22	1564.77	1438988.80	599529.70
8642.00	38.50	315.20	8173.96	1168.85N	1125.25W	0.42	1622.47	1438948.00	599570.50
8737.00	38.00	315.50	8248.57	1210.69N	1166.58W	0.56	1681.28	1438906.67	599612.34
8828.00	36.90	314.50	8320.81	1249.82N	1205.70W	1.38	1736.60	1438867.55	599651.47
8919.00	37.00	314.80	8393.53	1288.27N	1244.62W	0.23	1791.29	1438828.63	599689.92
9012.00	37.00	314.80	8467.81	1327.70N	1284.33W	0.00	1847.24	1438788.92	599729.35
9105.00	37.50	314.80	8541.83	1367.37N	1324.27W	0.54	1903.52	1438748.98	599769.02
9198.00	37.50	314.80	8615.62	1407.26N	1364.45W	0.00	1960.12	1438708.80	599808.91
9291.00	36.90	314.80	8689.69	1446.88N	1404.34W	0.65	2016.34	1438668.91	599848.53
9382.00	36.20	314.10	8762.80	1484.83N	1443.03W	0.90	2070.51	1438630.22	599886.48
9475.00	35.60	314.10	8838.13	1522.78N	1482.19W	0.65	2125.01	1438591.06	599924.43
9569.00	36.10	313.80	8914.32	1560.99N	1521.82W	0.56	2180.03	1438551.43	599962.64
9662.00	36.40	314.10	8989.32	1599.16N	1561.41W	0.37	2234.98	1438511.84	600000.81
9755.00	36.50	313.40	9064.13	1637.36N	1601.33W	0.46	2290.19	1438471.92	600039.01
9817.00	36.70	314.10	9113.90	1662.93N	1628.03W	0.75	2327.13	1438445.22	600064.58

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 3402.07 on azimuth 316.90 degrees from wellhead.
 Vertical section is from wellhead on azimuth 316.01 degrees.
 Grid is Lambert - Louisiana South (1702).
 Lambert coordinates in FEET and computed using the Clarke - 1866 spheroid
 Presented by Baker Hughes INTEQ

RECEIVED
FEB 21 2000

OFFICE OF CONSERVATION
LAFAYETTE DISTRICT

SAWSON RESOURCES COMPANY
SAWSON TEXACO FEE, NO. 1
WEST POINT FING PROSPECT, CALCASIEU PARISH, LOUISIA

SURVEY LISTING Page 3
Your ref : BHI MMD (3735'-1159')
Last revised : 1-Feb-2000

Measured Depth	Inclin Degrees	Azimuth Degrees	True Vert Depth	RECTANGULAR COORDINATES	Dogleg Deg/100ft	Vert Sect	GRID COORDS Easting	Northing
9879.00	36.80	313.80	9163.58	1688.67N	1654.74W	0.33	2364.20	1438418.51
9941.00	37.10	313.80	9213.13	1714.47N	1681.64W	0.48	2401.44	1438391.61
10035.00	36.90	313.40	9288.20	1753.48N	1722.60W	0.33	2457.96	1438350.65
10066.00	37.00	313.40	9312.97	1766.28N	1736.14W	0.32	2476.58	1438337.11
10129.00	37.30	314.80	9363.19	1792.76N	1763.46W	1.42	2514.60	1438309.79
10225.00	39.80	315.50	9438.26	1835.18N	1805.64W	2.64	2574.42	1438267.61
10318.00	38.80	316.20	9510.23	1877.44N	1846.67W	1.18	2633.32	1438226.58
10412.00	39.20	318.00	9583.28	1920.77N	1886.94W	1.28	2692.46	1438186.31
10504.00	38.70	317.60	9654.83	1963.62N	1925.78W	0.61	2750.27	1438147.47
10599.00	40.90	318.70	9727.81	2008.92N	1966.34W	2.43	2811.03	1438106.91
10692.00	40.40	319.80	9798.37	2054.81N	2005.89W	0.94	2871.51	1438067.36
10784.00	38.30	317.30	9869.52	2098.54N	2044.47W	2.86	2929.77	1438028.78
10853.00	38.20	317.60	9923.70	2130.01N	2073.36W	0.31	2972.48	1437999.89
10912.00	36.30	318.00	9970.67	2156.47N	2097.35W	3.25	3008.17	1437975.90
10975.00	36.00	319.10	10021.54	2184.32N	2121.95W	1.13	3045.30	1437951.30
11035.00	35.20	319.80	10070.32	2210.86N	2144.66W	1.50	3080.16	1437928.59
11096.00	34.50	321.20	10120.38	2237.75N	2166.83W	1.74	3114.91	1437906.42
11157.00	33.50	323.60	10170.96	2264.76N	2187.65W	2.74	3148.80	1437885.60
11250.00	31.60	326.80	10249.35	2305.82N	2216.22W	2.76	3198.19	1437857.03
11343.00	31.00	328.50	10328.82	2346.63N	2242.08W	1.15	3245.51	1437831.17
11436.00	30.20	328.90	10408.86	2387.08N	2266.68W	0.89	3291.69	1437806.57
11529.00	29.80	328.50	10489.41	2426.81N	2290.83W	0.48	3337.05	1437782.42
11591.00	29.40	329.90	10543.31	2453.11N	2306.51W	1.29	3366.87	1437766.74
11664.00	29.40	329.90	10606.91	2484.11N	2324.49W	0.00	3401.66	1437748.76

RECEIVED
DEPT OF CONSERVATION
WELL RECORDS
BATON ROUGE, LA
2000 MAR -3 AM 11:30

All data in feet unless otherwise stated. Calculation uses minimum curvature method.
Coordinates from slot #1 and TVD from rotary table.
Bottom hole distance is 3402.07 on azimuth 316.90 degrees from wellhead.
Vertical section is from wellhead on azimuth 316.01 degrees.
Grid is Lambert - Louisiana South (1702).
Lambert coordinates in FEET and computed using the Clarke - 1866 spheroid
Presented by Baker Hughes INTEQ

SAMSON RESOURCES COMPANY
 SAMSON TEXACO FEE, NO.1
 WEST POINT FING PROSPECT, CALCASIEU PARISH, LOUISIA

SURVEY LISTING Page 4
 Your ref : BHI M/D (3735'-11591')
 Last revised : 1-Feb-2000

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 LAFAYETTE DISTRICT

Comments in wellpath

MD	TVD	Rectangular Coords.	Comment
100.00	100.00	0.14S	0.41E BHI GYROSCOPIC MULTI-SHOT 100'-3670'
200.00	200.00	0.36S	1.08E DATE RAN: 12.19.99
300.00	299.99	0.51S	1.76E SURVEYOR: TOBY RODRIGUEZ
3670.00	3669.88	15.08N	9.19E TIED TO BHI GYRO M/S SURVEY AT MD:3670'
3735.00	3734.87	15.42N	8.64E BHI M/D SURVEY 3735'-11591'
3919.00	3918.87	15.45N	7.84E DATE RAN: 12.14.99-01.13.00
4104.00	4103.87	15.19N	8.29E SURVEYOR: CHARLIE JAEGER/JOE WAGUESPACK
11664.00	10606.91	2484.11N	2324.49W TD PROJECTED TO MD:11664'

Casing positions in string 'A'

Top MD	Top TVD	Rectangular Coords.	Bot MD	Bot TVD	Rectangular Coords.	Casing
0.00	0.00	0.00N	0.00E 3611.00	3610.88	14.40N	9.48E 10-3/4 IN MD:3611' TVD:36
0.00	0.00	0.00N	0.00E 10096.00	9336.91	1778.79N	1749.21W 7-5/8 IN MD:10096' TVD:93

Targets associated with this wellpath

Target name	Geographic Location	T.V.D.	Rectangular Coordinates	Revised
T1 BRANNAN SD 200'R	1438705.000,599820.000,999.00	8605.00	1418.35N 1368.25W	22-Oct-1999
T2 L.HACKBERRY 200'R	1437850.000,600705.000,999.00	10145.00	2303.35N 2223.25W	22-Oct-1999
TD/PBHL (STF1)	1437464.000,600919.000,999.00	10845.00	2517.35N 2609.25W	22-Oct-1999