

6150

Operator / Cust.:	BURLINGTON RESOURCES OIL & GAS COMPANY	Start Date:	31-Jan-09
Well Name and No.:	San Juan 29-7 Unit 65 M	MWD Eng:	E. Larsen
County, State:	Rio Arriba, New Mexico	Hole Size:	
Drlg. Contractor:	AWS #777	Lease Survey and Abstract No.	
Field or Block No.:			
API No.:	30-039-30516	Declination:	10.08°
Permit No.:		Job No.:	SEM-9397

Sharewell MWD

Final Survey Closure			
Distance		Azimuth	
1,470.78'		136.6575°	

Tie-In Survey Co.: VAUGHN ENERGY SERVICES						Sectional Method Survey Calculations			Rates / 100' M.D.	
Surveying Company: SHAREWELL MWD						Proposed Azimuth: 136.0900°			Build or	R or -L
Sur. No.	M.D.	INCL.	AZM.	TVD	N / -S	E / -W	SECT.	DLS / 100'	-Drop	Turn

TIE - IN

87.	5,814.00'	0.40°	236.50°	5,514.49'	-1,076.47'	1,019.73'	1,482.74'	0.25°	0.16°	32.19°
88.	5,877.00'	0.30°	240.30°	5,577.49'	-1,076.68'	1,019.40'	1,482.66'	0.16°	-0.16°	6.03°
89.	5,942.00'	0.40°	258.10°	5,642.49'	-1,076.81'	1,019.04'	1,482.49'	0.23°	0.15°	27.38°
90.	6,006.00'	0.30°	250.00°	5,706.49'	-1,076.91'	1,018.66'	1,482.31'	0.17°	-0.16°	-12.66°
91.	6,070.00'	0.30°	222.40°	5,770.49'	-1,077.09'	1,018.39'	1,482.25'	0.22°	0.00°	-43.13°
92.	6,135.00'	0.30°	201.80°	5,835.49'	-1,077.38'	1,018.21'	1,482.33'	0.17°	0.00°	-31.69°
93.	6,199.00'	0.30°	207.20°	5,899.49'	-1,077.68'	1,018.07'	1,482.45'	0.04°	0.00°	8.44°
94.	6,263.00'	0.20°	206.90°	5,963.49'	-1,077.93'	1,017.94'	1,482.55'	0.16°	-0.16°	-0.47°
95.	6,327.00'	0.10°	211.20°	6,027.49'	-1,078.08'	1,017.87'	1,482.60'	0.16°	-0.16°	6.72°
96.	6,390.00'	0.30°	183.50°	6,090.49'	-1,078.29'	1,017.83'	1,482.72'	0.34°	0.32°	-43.97°
97.	6,455.00'	0.30°	175.20°	6,155.48'	-1,078.63'	1,017.83'	1,482.97'	0.07°	0.00°	-12.77°
98.	6,519.00'	0.30°	218.80°	6,219.48'	-1,078.92'	1,017.74'	1,483.12'	0.35°	0.00°	68.13°
99.	6,583.00'	0.40°	227.80°	6,283.48'	-1,079.21'	1,017.47'	1,483.13'	0.18°	0.16°	14.06°
100.	6,646.00'	0.40°	244.60°	6,346.48'	-1,079.45'	1,017.11'	1,483.06'	0.19°	0.00°	26.67°
101.	6,711.00'	0.40°	246.10°	6,411.48'	-1,079.64'	1,016.70'	1,482.91'	0.02°	0.00°	2.31°
102.	6,775.00'	0.40°	257.10°	6,475.48'	-1,079.78'	1,016.27'	1,482.72'	0.12°	0.00°	17.19°
103.	6,839.00'	0.20°	245.50°	6,539.48'	-1,079.87'	1,015.95'	1,482.57'	0.33°	-0.31°	-18.13°
104.	6,902.00'	0.10°	221.10°	6,602.48'	-1,079.96'	1,015.82'	1,482.53'	0.18°	-0.16°	-38.73°
105.	6,967.00'	0.20°	236.40°	6,667.48'	-1,080.07'	1,015.69'	1,482.52'	0.16°	0.15°	23.54°
106.	7,031.00'	0.20°	277.40°	6,731.48'	-1,080.11'	1,015.48'	1,482.41'	0.22°	0.00°	64.06°
107.	7,096.00'	0.20°	298.70°	6,796.48'	-1,080.04'	1,015.27'	1,482.21'	0.11°	0.00°	32.77°
108.	7,160.00'	0.30°	299.90°	6,860.48'	-1,079.91'	1,015.03'	1,481.95'	0.16°	0.16°	1.87°
109.	7,224.00'	0.40°	313.60°	6,924.47'	-1,079.67'	1,014.72'	1,481.56'	0.20°	0.16°	21.41°
110.	7,288.00'	0.40°	332.50°	6,988.47'	-1,079.32'	1,014.45'	1,481.12'	0.21°	0.00°	29.53°
111.	7,352.00'	0.40°	332.50°	7,052.47'	-1,078.92'	1,014.25'	1,480.70'	0.00°	0.00°	0.00°
112.	7,415.00'	0.50°	283.00°	7,115.47'	-1,078.66'	1,013.88'	1,480.26'	0.62°	0.16°	-78.57°
113.	7,479.00'	0.60°	329.80°	7,179.47'	-1,078.31'	1,013.44'	1,479.70'	0.70°	0.16°	73.13°
114.	7,544.00'	0.50°	345.40°	7,244.46'	-1,077.74'	1,013.20'	1,479.12'	0.28°	-0.15°	24.00°
115.	7,608.00'	0.60°	333.20°	7,308.46'	-1,077.17'	1,012.97'	1,478.55'	0.24°	0.16°	-19.06°
116.	7,673.00'	0.70°	316.60°	7,373.46'	-1,076.58'	1,012.55'	1,477.83'	0.33°	0.15°	-25.54°
117.	7,737.00'	0.80°	315.30°	7,437.45'	-1,075.98'	1,011.97'	1,476.99'	0.16°	0.16°	-2.03°
118.	7,801.00'	1.10°	323.80°	7,501.44'	-1,075.17'	1,011.29'	1,475.94'	0.52°	0.47°	13.28°
119.	7,865.00'	1.20°	324.90°	7,565.43'	-1,074.12'	1,010.54'	1,474.67'	0.16°	0.16°	1.72°
120.	7,929.00'	1.40°	336.90°	7,629.41'	-1,072.86'	1,009.85'	1,473.27'	0.53°	0.31°	18.75°
121.	7,994.00'	1.00°	358.50°	7,694.40'	-1,071.56'	1,009.52'	1,472.11'	0.92°	-0.62°	33.23°
122.	8,058.00'	0.60°	347.20°	7,758.39'	-1,070.67'	1,009.43'	1,471.41'	0.67°	-0.63°	-17.66°
123.	8,122.00'	0.40°	10.00°	7,822.39'	-1,070.13'	1,009.40'	1,471.00'	0.43°	-0.31°	35.63°
124.	8,192.00'	0.40°	10.00°	7,892.39'	-1,069.64'	1,009.48'	1,470.71'	0.00°	0.00°	0.00°