



Williams Production Company
New Mexico
Rio Arriba County
Rosa Unit # 379 - Plan 06/21/02

Sperry-Sun

Proposal Report

21 June, 2002

Data Source: Information from Gary Sizemore

Proposal Ref: pro5836

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Case No. 13347 Exhibit No. 2

Submitted by:

Williams Production Company

Hearing Date: October 21, 2004

HALLIBURTON

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New Mexico
Rio Arriba County

Proposal Report for Rosa Unit # 379 - Plan 06/21/02
Data Source: Information from Gary Sizemore

Measured Depth (ft)	Incl. (Deg)	Azim. (Deg)	Station TVD (ft)	Coordinates Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Comment
0.00	0.000	0.000	0.00	0.00 N	0.00 E	0.00		
2609.02	0.000	0.000	2609.02	0.00 N	0.00 E	0.00	0.00	Build 12°/100' to 90° Inc & 105° Azm to 3359.04' md
2610.00	0.118	105.000	2610.00	0.00 N	0.00 E	0.00	12.00	
2640.00	3.717	105.000	2639.98	0.26 S	0.97 E	1.00	12.00	
2870.00	7.317	105.000	2669.83	1.01 S	3.76 E	3.89	12.00	
2700.00	10.917	105.000	2699.45	2.24 S	6.35 E	8.64	12.00	
2730.00	14.517	105.000	2728.71	3.95 S	14.73 E	15.24	12.00	
2760.00	18.117	105.000	2757.50	6.13 S	22.87 E	23.67	12.00	
2790.00	21.717	105.000	2785.70	8.77 S	32.74 E	33.89	12.00	
2820.00	25.317	105.000	2813.20	11.87 S	44.30 E	45.86	12.00	
2850.00	28.917	105.000	2839.90	15.41 S	57.50 E	59.63	12.00	
2880.00	32.517	105.000	2865.69	19.37 S	72.30 E	74.85	12.00	
2910.00	36.118	105.000	2890.46	23.75 S	88.64 E	91.76	12.00	
2940.00	39.716	105.000	2914.12	28.52 S	106.44 E	110.19	12.00	
2970.00	43.316	105.000	2936.58	33.67 S	125.84 E	130.08	12.00	
3000.00	46.916	105.000	2957.75	39.17 S	146.17 E	151.33	12.00	
3030.00	50.516	105.000	2977.54	45.00 S	167.94 E	173.87	12.00	
3060.00	54.116	105.000	2995.88	51.14 S	190.87 E	197.61	12.00	
3090.00	57.716	105.000	3012.69	57.57 S	214.87 E	222.45	12.00	
3120.00	61.316	105.000	3027.90	64.28 S	239.84 E	248.30	12.00	
3150.00	64.916	105.000	3041.47	71.19 S	265.68 E	275.05	12.00	
3180.00	68.516	105.000	3053.32	78.32 S	292.29 E	302.60	12.00	
3210.00	72.115	105.000	3063.43	85.63 S	319.57 E	330.84	12.00	
3240.00	75.715	105.000	3071.74	93.09 S	347.41 E	359.67	12.00	
3270.00	79.315	105.000	3078.22	100.67 S	375.70 E	388.95	12.00	
3300.00	82.915	105.000	3082.85	108.34 S	404.32 E	418.59	12.00	
3330.00	86.515	105.000	3085.82	116.07 S	433.17 E	448.45	12.00	
3359.04	90.000	105.000	3086.50	123.58 S	461.21 E	477.48	12.00	EOC - Hold 90° Inc & 105° Azm to 5381.56' md
3400.00	90.000	105.000	3086.50	134.18 S	500.77 E	518.44	0.00	
3500.00	90.000	105.000	3086.50	160.06 S	597.36 E	618.44	0.00	
3600.00	90.000	105.000	3086.50	185.94 S	693.96 E	718.44	0.00	
3700.00	90.000	105.000	3086.50	211.83 S	790.55 E	818.44	0.00	
3800.00	90.000	105.000	3086.50	237.71 S	887.14 E	918.44	0.00	
3900.00	90.000	105.000	3086.50	263.59 S	983.73 E	1018.44	0.00	
4000.00	90.000	105.000	3086.50	289.47 S	1080.33 E	1118.44	0.00	
4100.00	90.000	105.000	3086.50	315.35 S	1176.92 E	1218.44	0.00	
4200.00	90.000	105.000	3086.50	341.24 S	1273.51 E	1318.44	0.00	
4300.00	90.000	105.000	3086.50	367.12 S	1370.10 E	1418.44	0.00	
4400.00	90.000	105.000	3086.50	393.00 S	1466.70 E	1518.44	0.00	
4500.00	90.000	105.000	3086.50	418.88 S	1563.29 E	1618.44	0.00	

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Measured Depth (ft)	Incl. (Deg)	Azlm. (Deg)	Station Coordinates		Vertical Section (ft)	Dogleg Rate (°/100ft)	Comment
			TVD (ft)	Northings (ft)	Easting (ft)		
4600.00	90.000	105.000	3086.50	444.76 S	1659.88 E	1718.44	0.00
4700.00	90.000	105.000	3086.50	470.65 S	1756.47 E	1818.44	0.00
4800.00	90.000	105.000	3086.50	496.53 S	1853.07 E	1918.44	0.00
4900.00	90.000	105.000	3086.50	522.41 S	1949.66 E	2018.44	0.00
5000.00	90.000	105.000	3086.50	548.29 S	2046.25 E	2118.44	0.00
5100.00	90.000	105.000	3086.50	574.17 S	2142.84 E	2218.44	0.00
5200.00	90.000	105.000	3086.50	600.06 S	2239.44 E	2318.44	0.00
5300.00	90.000	105.000	3086.50	625.94 S	2336.03 E	2418.44	0.00
5381.56	90.000	105.000	3086.50	647.05 S	2414.81 E	2500.00	0.00
							TD of Well @ 5381.56' md & 3086.50' TVD (2500' Total Vertical Section)

All data is in Feet (US) unless otherwise stated. Directions and coordinates are relative to True North. Vertical depths are relative to RKB. Northings and Eastings are relative to 1710' FSL/1680' FWL.

The Dogleg Severity is in Degrees per 100 feet.

Vertical Section is from 1710' FSL/1680' FWL and calculated along an Azimuth of 105.000° (True).

Magnetic Declination at Surface is 11.050° (21-Jun-02)

Based upon Minimum Curvature type calculations, at a Measured Depth of 5381.56ft., The Bottom Hole Displacement is 2500.00ft., in the Direction of 105.000° (True).

Comments

Measured Depth (ft)	TVD (ft)	Station Coordinates		Comment
		Northings (ft)	Easting (ft)	
2609.02	2609.02	0.00 N	0.00 E	Kick-Off Point @ 2609.02' md
2609.03	2609.03	0.00 N	0.00 E	Build 12°/100' to 90° Inc & 105° Azm to 3359.04' md
3359.04	3086.50	123.58 S	461.21 E	EOC - Hold 90° Inc & 105° Azm to 5381.56' md
5381.56	3086.50	647.05 S	2414.81 E	TD of Well @ 5381.56' md & 3086.50' TVD (2500' Total Vertical Section)

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DrillQuest

Sperry-Sun

New Mexico
Rio Arriba County
Sec. 08-T31N-R5W
Rosa Unit # 379



Scale: 1 inch = 1000ft

Eastings (1710' FSL/1680' FWL)

-1000

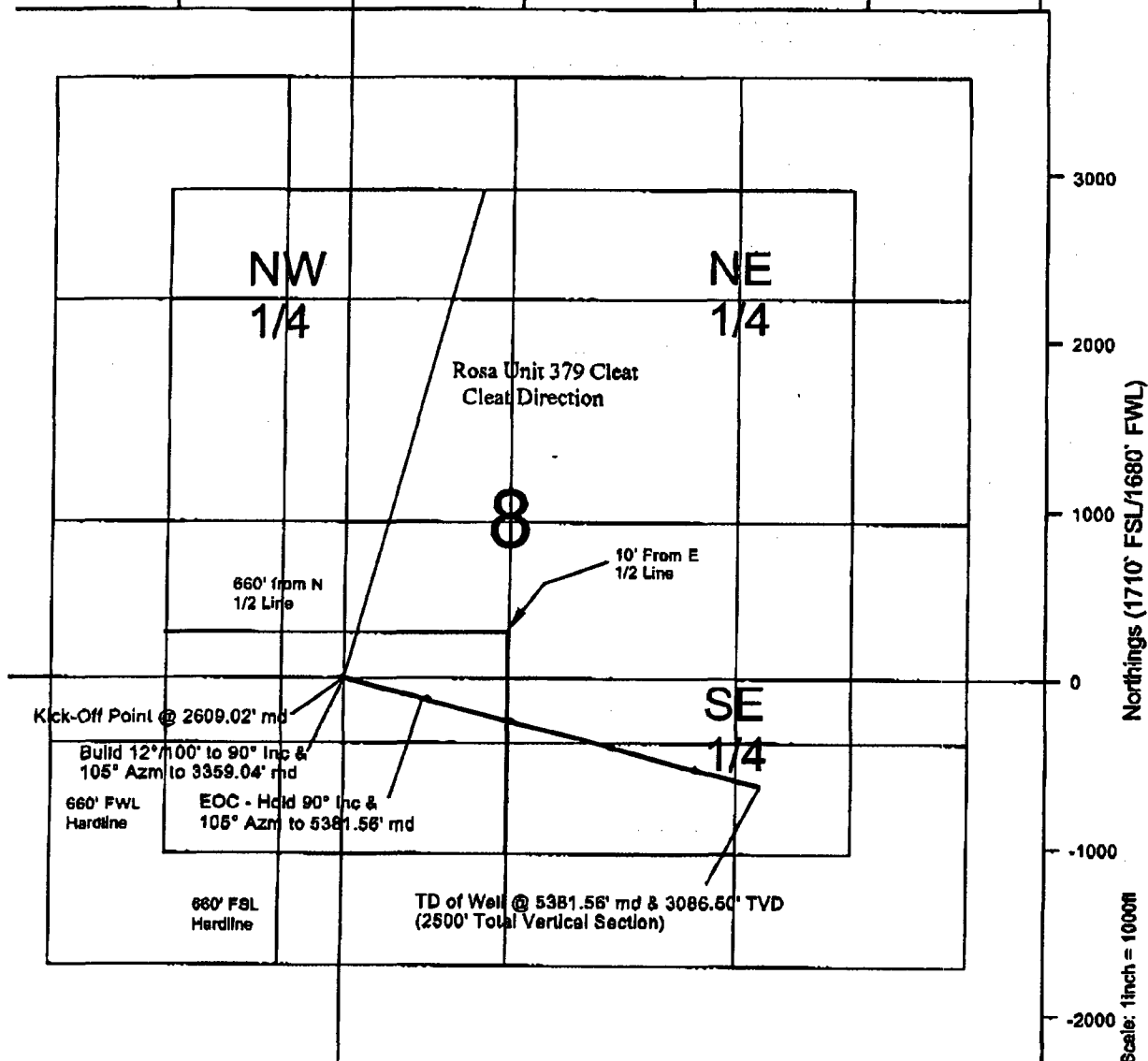
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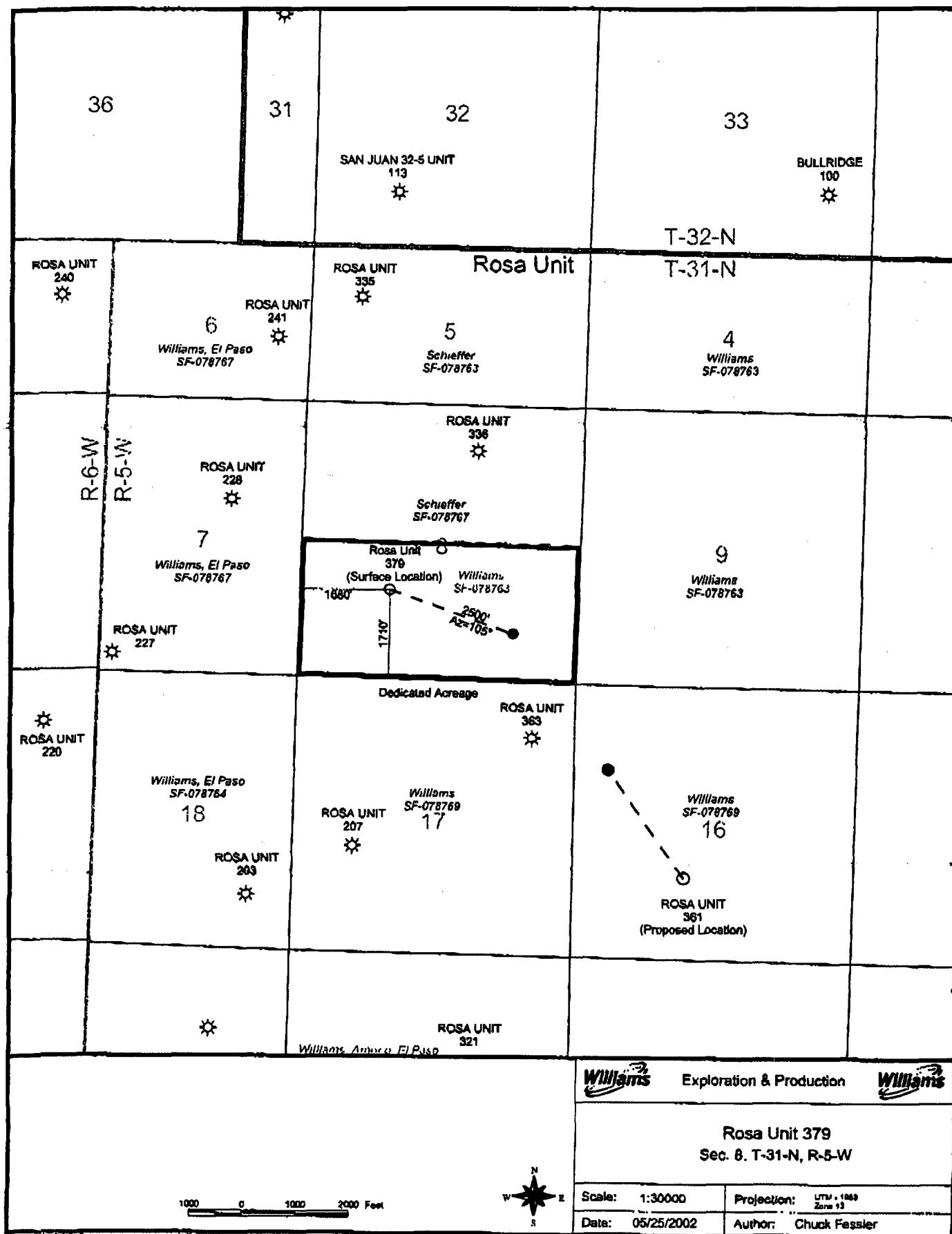
Prepared by:
AdminDate/Time:
21 June, 2002 - 14:58

Checked:

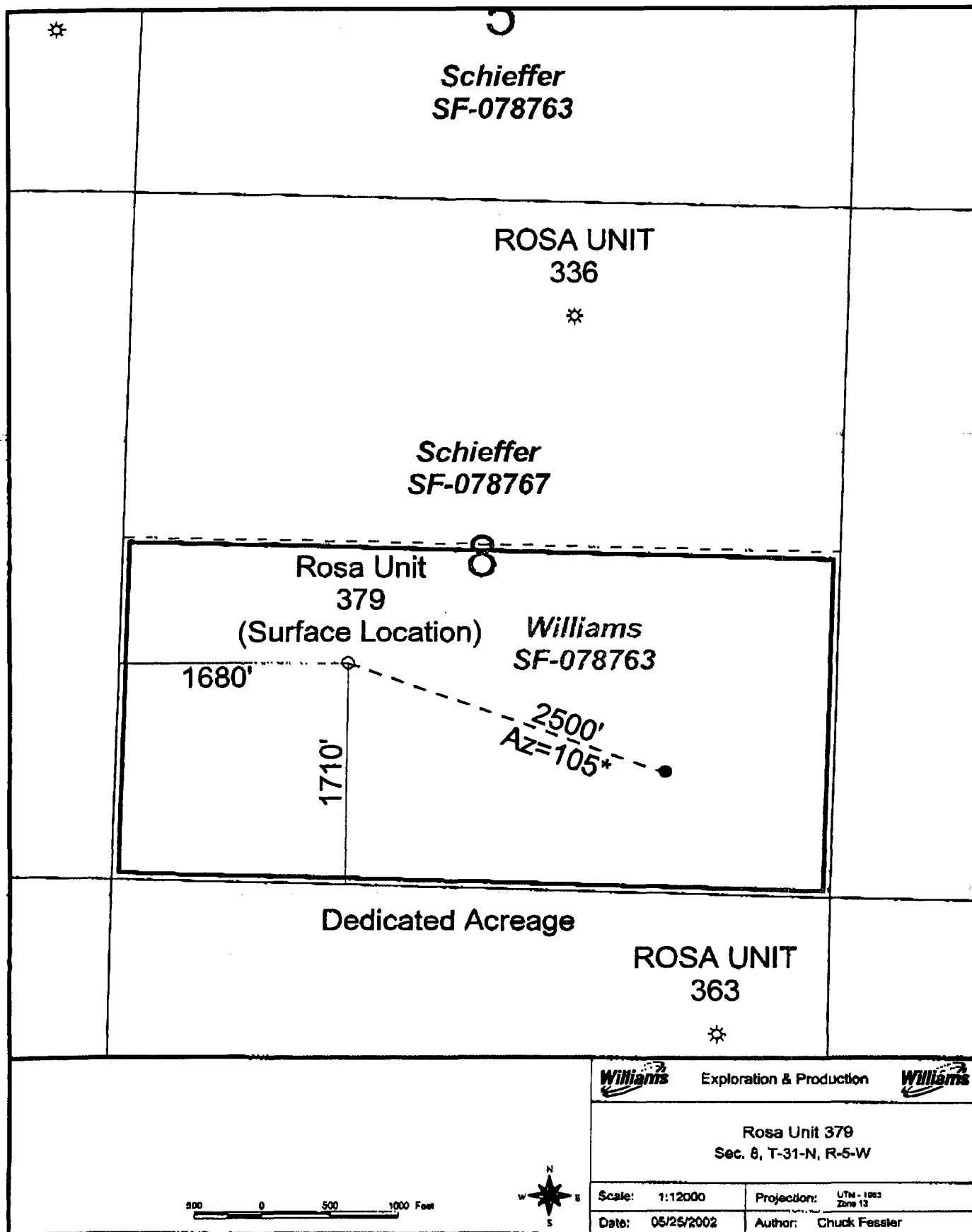
Approved:

DrillQuest 3.03.01.000

000'W0'E PIANO



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