

Reliance Energy, Inc
6 Desta Dr, Suite 2600
Midland, Texas 79705
(432) 683-4816

August 25, 2004

Mr. Bryan G. Arrant
New Mexico Oil Conservation Division
1301 W. Grand Ave
Artesia, New Mexico 88210

RECEIVED

AUG 27 2004

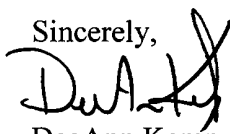
OCB-ARTESIA

RE: Willow Spring "33" #3
API: 30-005-63348
Sec 33, T-4-S, R-25-E
Chaves Co, New Mexico

Dear Mr. Arrant:

Enclosed is the deviation test for the referenced well. If you have any questions or need additional information please call.

Sincerely,



DeeAnn Kemp
Regulatory

A Gyrodata Directional Survey

Field Copy Only, not definitive

for

RELIANCE ENERGY INC.

Location: JSI CRANE TRUCK, CHAVES CO., NEW MEXICO
Lease: WILLOW 33-3 Well: , 2-7/8" CASING

Job Number: MD0804G_204

Run Date: 8/25/2004 10:46:44 AM

Surveyor: MATT SHIPP/JAMES BUTLER

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 33.254444 deg. N Longitude: 104.328889 deg. W

Azimuth Correction:

Gyro: Bearings are Relative to True North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

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GEO-ARTERIA

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MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.00	0.00	0.00	0.00	0.00	0.0 0.0	0.00 N 0.00 E

4900 TO 0 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 2-7/8" CASING						
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO GROUND LEVEL						

200.00	0.32	174.57	0.16	200.00	0.6 174.6	0.55 S 0.05 E
400.00	0.52	33.61	0.40	400.00	0.7 119.6	0.35 S 0.61 E
600.00	1.24	30.60	0.36	599.97	3.2 44.3	2.27 N 2.22 E
800.00	0.66	83.29	0.49	799.95	6.2 46.3	4.27 N 4.47 E
1000.00	1.20	128.60	0.44	999.92	7.9 66.9	3.09 N 7.26 E
1200.00	0.92	132.46	0.15	1199.89	10.1 86.0	0.70 N 10.08 E
1400.00	0.90	142.98	0.08	1399.86	12.3 97.7	1.64 S 12.22 E
1600.00	1.10	159.36	0.17	1599.83	14.6 108.7	4.69 S 13.84 E
1800.00	1.14	162.67	0.04	1799.79	17.3 119.0	8.38 S 15.11 E
2000.00	1.11	170.99	0.08	1999.76	20.1 127.3	12.19 S 16.00 E
2200.00	1.21	168.65	0.05	2199.71	23.3 134.0	16.17 S 16.72 E
2400.00	1.32	166.66	0.06	2399.67	27.0 139.2	20.47 S 17.67 E
2600.00	1.74	175.83	0.24	2599.59	31.7 144.4	25.74 S 18.42 E
2800.00	1.82	149.49	0.41	2799.50	37.5 147.3	31.50 S 20.26 E
3000.00	2.60	139.90	0.43	2999.35	45.1 146.7	37.71 S 24.79 E
3200.00	2.04	134.05	0.30	3199.19	53.1 145.3	43.65 S 30.27 E
3400.00	1.90	128.95	0.11	3399.07	59.8 143.7	48.22 S 35.41 E
3600.00	1.24	118.51	0.36	3598.99	65.0 142.2	51.34 S 39.89 E
3800.00	0.37	115.76	0.44	3798.97	67.6 141.2	52.65 S 42.37 E

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4000.00	0.86	3.50	0.53	3998.96	67.1 140.1	51.43 S 43.04 E
4200.00	2.64	20.33	0.92	4198.86	63.9 135.6	45.61 S 44.73 E
4400.00	1.62	31.61	0.55	4398.72	61.6 129.1	38.89 S 47.81 E
4600.00	1.35	50.09	0.27	4598.66	61.9 124.4	34.98 S 51.10 E
4800.00	2.59	60.74	0.65	4798.54	64.9 118.8	31.25 S 56.85 E
4900.00	3.08	88.30	1.43	4898.42	68.5 116.0	30.07 S 61.51 E

Final Station Closure: Distance: 68.47 ft Az: 116.05 deg.