

SURVEY CERTIFICATION

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State of Texas

County of MIDLAND

I, WILLIAM T. KILPATRICK certify that; I am employed by ~~Dailey International Inc.~~; that I did on the day(s) of 9/11/00 through 10/3/00 conduct or supervise the taking of a directional survey from a depth of 7687 feet to a depth of 8885 feet; the data is true, correct, complete, and within the limitations of the tool as set forth by ~~Dailey International Inc.~~ ^{WEATHERFORD US, LP.} that I am authorized and qualified to make this report; that this survey was conducted at the request of _____

Yates Petroleum Corp. for the Rodke AOL #1-H Well API No. _____ in Eddy County, ^{New Mexico} ~~Texas~~; and that I

have reviewed this report and find that it conforms to the principles and procedures as set forth by ~~Dailey International Inc.~~ ^{WEATHERFORD US, LP}

William T. Kilpatrick
WILLIAM T. KILPATRICK

Job Number: WTX0900D254
 Company: Yates Petroleum
 Lease/Well: Rodke AOL #1-H
 Location: Eddy County
 Rig Name: UTI 166
 RKB:
 G.L. or M.S.L.:

State/Country: New Mexico
 Declination: 9.6 East
 Grid:
 File name: C:\WINSERVE\RODKEHOR.SVY
 Date/Time: 03-Oct-00 / 22:41
 Curve Name: Work

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 181.53
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
KOP									
7687.00	28.40	184.40	7657.68	-140.22	-66.36	141.94	155.13	205.33	.00
7696.00	29.00	184.40	7665.57	-144.53	-66.69	146.26	159.17	204.77	6.67
7706.00	31.40	184.40	7674.22	-149.54	-67.08	151.28	163.90	204.16	24.00
7716.00	35.10	184.40	7682.58	-155.01	-67.50	156.76	169.07	203.53	37.00
7726.00	40.50	184.40	7690.48	-161.12	-67.97	162.88	174.87	202.87	54.00
7736.00	46.20	184.40	7697.75	-167.96	-68.49	169.73	181.39	202.19	57.00
7746.00	52.10	184.40	7704.28	-175.50	-69.07	177.28	188.60	201.48	59.00
7756.00	57.50	183.90	7710.05	-183.65	-69.66	185.44	196.42	200.77	54.15
7766.00	63.30	182.50	7714.98	-192.32	-70.15	194.13	204.72	200.04	59.26
7776.00	67.30	183.60	7719.16	-201.39	-70.63	203.21	213.42	199.33	41.23
7786.00	73.70	182.70	7722.50	-210.80	-71.15	212.63	222.48	198.65	64.56
7830.00	91.30	182.40	7728.22	-254.21	-73.08	256.07	264.51	196.04	40.01
7864.00	90.50	182.90	7727.68	-288.17	-74.65	290.06	297.68	194.52	2.77
7896.00	89.60	183.70	7727.66	-320.12	-76.49	322.04	329.13	193.44	3.76
7927.00	89.80	183.70	7727.82	-351.05	-78.49	353.02	359.72	192.60	.65
7955.00	89.50	183.80	7727.99	-378.99	-80.32	381.00	387.41	191.97	1.13
7991.00	89.40	183.30	7728.33	-414.92	-82.55	416.98	423.05	191.25	1.42
8022.00	89.60	182.70	7728.61	-445.88	-84.18	447.96	453.75	190.69	2.04
8053.00	90.20	181.60	7728.66	-476.85	-85.34	478.96	484.43	190.15	4.04
8084.00	90.40	181.60	7728.50	-507.84	-86.20	509.96	515.10	189.63	.65

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
8115.00	90.70	181.70	7728.20	-538.83	-87.10	540.96	545.82	189.18	1.02
8147.00	91.50	181.00	7727.59	-570.81	-87.85	572.95	577.53	188.75	3.32
8210.00	90.60	181.30	7726.43	-633.79	-89.11	635.94	640.02	188.00	1.51
8274.00	90.40	180.90	7725.87	-697.77	-90.34	699.94	703.60	187.38	.70
8336.00	91.10	180.90	7725.06	-759.76	-91.32	761.93	765.23	186.85	1.13
8399.00	89.00	179.90	7725.01	-822.75	-91.76	824.91	827.85	186.36	3.69
8463.00	89.30	179.90	7725.96	-886.75	-91.64	888.88	891.47	185.90	.47
8526.00	89.70	177.30	7726.50	-949.72	-90.11	951.79	953.98	185.42	4.18
8589.00	90.30	176.80	7726.50	-1012.64	-86.86	1014.59	1016.35	184.90	1.24
8652.00	89.30	179.10	7726.72	-1075.59	-84.61	1077.47	1078.91	184.50	3.98
8716.00	89.30	182.50	7727.51	-1139.57	-85.50	1141.45	1142.77	184.29	5.31
8779.00	90.30	185.30	7727.73	-1202.42	-89.79	1204.38	1205.76	184.27	4.72
8853.00	91.60	185.00	7726.50	-1276.11	-96.43	1278.22	1279.74	184.32	1.80
-Projection to Bit-									
8885.00	91.60	185.00	7725.61	-1307.97	-99.22	1310.15	1311.73	184.34	.00