

3D-015-38384

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DEC 05 2011

NMOCD ARTESIA



Job Number: SVCO-111037
 Company: Yates Petroleum Corporation
 Lease/Well: DOMINO AOJ FEDERAL COM 11H
 Location: Eddy County, NM
 Rig Name: Silver Oak #10
 RKB: 18.6'
 G.L. or M.S.L.: GL

State/Country: New Mexico/USA
 Declination: 7.52°
 Grid: East To Grid
 File name: F:\SURVEY\2011SU-1\YATES\DOMIN11H.SVY
 Date/Time: 19-Aug-11 / 09:43
 Curve Name: Surface - 8180' M.D. (Gyroscopic)

MS Survey

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 93.71
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

We hereby certify that our survey data from
 Surface MD to 8180 MD is, to the best of
 our knowledge a true and accurate account of
 the well bore.
 Dana Attu 8/21/11
 MS Energy Services Date

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
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
200.00	.50	45.38	200.00	.61	.62	.58	.87	45.38	.25
400.00	.25	165.16	399.99	.80	1.35	1.30	1.57	59.29	.33
600.00	.25	176.93	599.99	-.05	1.49	1.49	1.49	92.05	.03
800.00	.50	215.70	799.99	-1.20	1.00	1.08	1.56	140.05	.17
1000.00	.75	165.48	999.98	-3.17	.82	1.03	3.28	165.47	.29
1200.00	1.00	163.25	1199.95	-6.11	1.65	2.05	6.33	164.86	.13
1400.00	.75	159.03	1399.93	-9.01	2.62	3.20	9.38	163.75	.13
1600.00	1.00	143.80	1599.91	-11.64	4.12	4.87	12.35	160.48	.17
1800.00	1.25	118.58	1799.87	-14.09	7.07	7.97	15.76	153.35	.27

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	
2000.00	1.50	77.34	1999.82	-14.56	11.54	12.46	18.58	141.60	.50
2200.00	2.50	75.11	2199.69	-12.86	18.31	19.10	22.38	125.09	.50
2400.00	2.00	50.88	2399.54	-9.54	25.23	25.80	26.98	110.71	.53
2600.00	1.25	61.66	2599.46	-6.30	29.86	30.21	30.52	101.92	.40
2800.00	1.25	77.44	2799.41	-4.79	33.91	34.15	34.25	98.04	.17
3000.00	1.00	63.21	2999.38	-3.53	37.60	37.75	37.76	95.37	.19
3200.00	.75	61.98	3199.35	-2.13	40.31	40.36	40.37	93.02	.13
3400.00	1.00	66.76	3399.33	-.83	43.07	43.03	43.08	91.10	.13
3600.00	.75	42.53	3599.31	.83	45.56	45.41	45.57	88.96	.22
3800.00	.75	21.17	3799.29	3.01	46.92	46.62	47.01	86.33	.14
4000.00	.75	40.94	3999.27	5.22	48.25	47.81	48.53	83.82	.13
4200.00	.75	344.72	4199.26	7.47	48.76	48.17	49.33	81.29	.35
4400.00	1.00	352.49	4399.23	10.47	48.19	47.41	49.31	77.75	.14
4600.00	1.50	7.26	4599.19	14.79	48.29	47.23	50.50	72.97	.30
4800.00	1.50	9.03	4799.12	19.97	49.03	47.64	52.94	67.83	.02
5000.00	1.00	23.81	4999.07	24.16	50.15	48.48	55.66	64.28	.30
5200.00	1.25	23.58	5199.03	27.75	51.72	49.82	58.70	61.78	.13
5400.00	1.00	4.35	5398.99	31.49	52.73	50.58	61.42	59.15	.22
5600.00	1.25	8.12	5598.96	35.39	53.17	50.77	63.87	56.35	.13
5800.00	1.00	52.90	5798.92	38.60	54.87	52.26	67.09	54.87	.44
6000.00	1.50	69.67	5998.87	40.57	58.72	55.97	71.37	55.36	.31
6200.00	2.00	74.57	6198.78	42.40	64.53	61.66	77.22	56.69	.26
6400.00	1.25	40.59	6398.70	44.99	69.32	66.26	82.64	57.01	.60
6600.00	1.00	352.62	6598.67	48.38	70.51	67.24	85.51	55.55	.47
6800.00	.75	12.64	6798.64	51.39	70.58	67.10	87.30	53.94	.20
7000.00	.75	28.66	6998.63	53.81	71.49	67.86	89.48	53.03	.10
7200.00	1.25	4.69	7198.60	57.13	72.30	68.45	92.15	51.68	.32
7400.00	1.00	336.71	7398.56	60.91	71.78	67.69	94.14	49.68	.30
7600.00	.75	292.74	7598.54	63.02	69.89	65.66	94.11	47.96	.35

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	
7800.00	.50	218.76	7798.53	62.85	68.13	63.92	92.69	47.31	.39
8000.00	.75	227.78	7998.52	61.29	66.62	62.51	90.52	47.39	.13
Last Survey Depth Recorded									
8180.00	.75	192.80	8178.50	59.35	65.48	61.51	88.37	47.82	.25