



Directional Services

Job Number: 0611175061431

Company: E. O. G. Resources

Lease/Well: Tigris A 7 Fee, Well 1H

Location: Eddy County, NM

Rig Name: J.W.#3

RKB: 22'

G.L. or M.S.L.: GL

State/Country: New Mexico/USA

Declination: 9.28°

Grid: North To Grid

File name: F:\2006SU~1\EOGRES~1\TIGRIS1H.SVY

Date/Time: 03-Jan-06 / 10:16

Curve Name: Surface - 4,800' M.D.

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 270.00
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

We hereby certify that our survey data from
SURFACE MD to 4,800' MD is, to the best of
our knowledge a true and accurate account of
the well bore.

Multi-Shot

Date

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
100.00	.50	47.34	100.00	.30	.32	-.32	.44	47.34	.50
200.00	.50	359.00	200.00	1.03	.63	-.63	1.21	31.68	.41
300.00	.50	266.67	299.99	1.44	.19	-.19	1.45	7.56	.72
400.00	.25	255.33	399.99	1.36	-.46	.46	1.43	341.45	.26
500.00	.75	311.99	499.99	1.74	-1.15	1.15	2.09	326.47	.65
600.00	1.25	321.66	599.97	3.03	-2.32	2.32	3.82	322.64	.53
700.00	1.75	341.31	699.94	5.34	-3.48	3.48	6.37	326.87	.71
800.00	2.25	343.97	799.88	8.67	-4.51	4.51	9.77	332.50	.51
900.00	2.25	348.63	899.80	12.48	-5.44	5.44	13.62	336.44	.18

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
1000.00	2.00	350.30	999.73	16.12	-6.12	6.12	17.25	339.20	.26
1100.00	1.50	355.27	1099.68	19.15	-6.53	6.53	20.23	341.18	.52
1200.00	1.50	3.93	1199.65	21.76	-6.54	6.54	22.72	343.26	.23
1300.00	1.50	18.60	1299.62	24.31	-6.04	6.04	25.04	346.05	.38
1400.00	1.25	32.26	1399.59	26.47	-5.04	5.04	26.94	349.23	.41
1500.00	1.50	20.92	1499.56	28.61	-3.99	3.99	28.89	352.07	.37
1600.00	1.25	33.59	1599.53	30.74	-2.92	2.92	30.88	354.58	.39
1700.00	1.50	30.25	1699.50	32.78	-1.65	1.65	32.83	357.11	.26
1800.00	1.25	16.91	1799.47	34.96	-.68	.68	34.96	358.89	.40
1900.00	1.00	38.58	1899.45	36.68	.18	-.18	36.68	.29	.49
2000.00	1.00	30.24	1999.44	38.12	1.17	-1.17	38.14	1.75	.15
2100.00	.75	33.10	2099.43	39.42	1.96	-1.96	39.47	2.85	.25
2200.00	.75	45.97	2199.42	40.43	2.79	-2.79	40.52	3.95	.17
2300.00	.50	29.83	2299.41	41.26	3.48	-3.48	41.40	4.82	.30
2400.00	.25	.69	2399.41	41.86	3.70	-3.70	42.02	5.05	.31
2500.00	.50	4.55	2499.41	42.51	3.74	-3.74	42.67	5.02	.25
2600.00	.25	357.42	2599.41	43.16	3.76	-3.76	43.32	4.98	.25
2700.00	.25	328.28	2699.40	43.56	3.64	-3.64	43.72	4.77	.13
2800.00	.25	227.14	2799.40	43.60	3.36	-3.36	43.73	4.41	.39
2900.00	.50	236.00	2899.40	43.21	2.84	-2.84	43.30	3.76	.26
3000.00	.50	195.87	2999.40	42.55	2.36	-2.36	42.61	3.18	.34
3100.00	.50	210.90	3099.39	41.75	2.02	-2.02	41.80	2.77	.13
3200.00	.50	199.76	3199.39	40.97	1.65	-1.65	41.00	2.30	.10
3300.00	.50	233.63	3299.39	40.30	1.15	-1.15	40.31	1.63	.29
3400.00	.25	215.49	3399.38	39.86	.67	-.67	39.87	.96	.27
3500.00	.25	237.35	3499.38	39.57	.36	-.36	39.57	.52	.09
3600.00	.50	204.21	3599.38	39.05	.00	.00	39.05	359.99	.32
3700.00	.25	188.08	3699.38	38.44	-.21	.21	38.44	359.68	.27
3800.00	.25	166.94	3799.38	38.01	-.20	.20	38.01	359.71	.09
3900.00	.50	108.80	3899.38	37.65	.27	-.27	37.66	.41	.42

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
4000.00	.50	85.67	3999.37	37.55	1.11	-1.11	37.56	1.70	.20
4100.00	1.50	77.58	4099.36	37.86	2.83	-2.83	37.97	4.27	1.01
4200.00	2.00	75.50	4199.31	38.58	5.80	-5.80	39.01	8.54	.50
4300.00	2.75	82.43	4299.22	39.33	9.86	-9.86	40.55	14.08	.80
4400.00	3.50	83.36	4399.07	40.00	15.27	-15.27	42.82	20.90	.75
4500.00	3.50	80.27	4498.89	40.87	21.31	-21.31	46.09	27.54	.19
4600.00	3.50	80.18	4598.70	41.91	27.33	-27.33	50.03	33.11	.01
4700.00	3.25	85.09	4698.53	42.67	33.16	-33.16	54.04	37.85	.38
Last Survey Depth Recorded									
4800.00	2.50	78.72	4798.40	43.34	38.13	-38.13	57.72	41.34	.81