



Directional Services

CUSTOMER: IG RESOURCES INC

JOB NUMBER: 61117505810

WELL NAME: ISON 15 FEDERAL 1H

LOCATION: EDDY COUNTY,NM

SURVEY DATE: 06/12/2006

SURVEY ENGINEER: JACOB HARBOUR

PROPOSED DIR: 269.84

DECLINATION: 9.07 T T G

COMMENTS:

MEASURED DEPTH	VERTICAL DEPTH	VERTICAL SECTION	INCLINATION	BEARING AZIMUTH	COORDINATES		DOG-LEG PER 100	STATION DISPLACEMENT	DISPLACEMENT DIRECTION
					LATITUDE	DEPARTURE			
100	100	0.4	0.5	247.48	-0.17	-0.4	0.5	0.44	247.48
200	199.99	1.45	0.75	259.33	-0.46	-1.45	0.28	1.52	252.56
300	299.98	2.97	1	272.19	-0.54	-2.96	0.32	3.01	259.62
400	399.97	4.71	1	271.04	-0.49	-4.71	0.02	4.73	264.01
500	499.95	6.67	1.25	269.89	-0.48	-6.67	0.25	6.69	265.88
600	599.92	9.05	1.5	279.75	-0.26	-9.05	0.34	9.06	268.35
700	699.89	11.4	1.25	283.6	0.22	-11.4	0.27	11.41	271.09
800	799.86	13.68	1.5	291.46	0.95	-13.68	0.31	13.71	273.98
900	899.82	16.3	1.75	293.31	2.04	-16.3	0.26	16.43	277.12
1000	999.78	18.9	1.5	293.16	3.15	-18.91	0.25	19.17	279.47
1100	1099.75	21.16	1.25	283.01	3.92	-21.17	0.35	21.53	280.48
1200	1199.73	23.31	1.25	275.86	4.27	-23.32	0.16	23.71	280.38
1300	1299.7	25.48	1.25	268.71	4.36	-25.5	0.16	25.87	279.7
1400	1399.68	27.66	1.25	272.57	4.38	-27.68	0.08	28.02	279
1500	1499.66	29.84	1.25	275.42	4.54	-29.85	0.06	30.19	278.64
1600	1599.64	31.79	1	277.54	4.75	-31.8	0.25	32.16	278.5
1700	1699.62	33.74	1.25	267.39	4.82	-33.76	0.32	34.1	278.12
1800	1799.6	35.7	1	277.25	4.88	-35.71	0.32	36.04	277.78
1900	1899.58	37.62	1.25	284.1	5.25	-37.64	0.28	38	277.95
2000	1999.55	39.82	1.5	298.96	6.15	-39.84	0.43	40.31	278.78
2100	2099.52	41.94	1.25	296.81	7.28	-41.96	0.26	42.59	279.84
2200	2199.5	43.62	1	305.66	8.28	-43.64	0.3	44.42	280.74
2300	2299.49	44.76	0.75	318.51	9.28	-44.78	0.32	45.73	281.71
2400	2399.48	45.57	0.5	300.36	9.99	-45.59	0.32	46.68	282.36
2500	2499.48	46.5	0.75	301.22	10.55	-46.53	0.25	47.71	282.77
2600	2599.47	47.42	0.5	303.02	11.13	-47.46	0.25	48.74	283.19
2700	2699.47	47.94	0.25	315.82	11.52	-47.97	0.26	49.34	283.5
2800	2799.47	48.64	0.75	302.63	12.03	-48.68	0.51	50.14	283.88
2900	2899.46	49.7	0.75	309.43	12.8	-49.73	0.09	51.35	284.43
3000	2999.45	50.58	0.5	299.23	13.43	-50.62	0.27	52.37	284.86
3100	3099.45	51.32	0.5	304.04	13.88	-51.36	0.04	53.21	285.13
3200	3199.44	51.99	0.5	314.84	14.44	-52.03	0.09	54	285.51
3300	3299.44	52.36	0.25	344.64	14.95	-52.4	0.31	54.49	285.93
3400	3399.44	52.7	0.5	318.44	15.49	-52.75	0.3	54.97	286.37
3500	3499.44	52.78	0.25	76.25	15.87	-52.82	0.66	55.16	286.72
3600	3599.44	52.35	0.25	90.06	15.92	-52.39	0.06	54.76	286.9
3700	3699.44	51.71	0.5	102.87	15.82	-51.75	0.26	54.12	287
3800	3799.43	50.55	1	122.67	15.26	-50.59	0.56	52.84	286.78
3900	3899.41	49.19	1	134.48	14.17	-49.23	0.21	51.23	286.06
4000	3999.39	47.6	1.25	116.28	13.08	-47.63	0.43	49.4	285.35
4100	4099.36	45.41	1.5	112.09	12.1	-45.44	0.27	47.03	284.91
4200	4199.33	42.98	1.5	111.89	11.12	-43.02	0.01	44.43	284.5
4300	4299.29	40.24	1.75	89.68	10.64	-40.27	0.67	41.66	284.8
4400	4399.24	36.98	2	95.49	10.49	-37.01	0.31	38.47	285.82
4500	4499.18	33.72	1.75	89.29	10.34	-33.75	0.32	35.29	287.03
4600	4599.14	30.88	1.5	86.09	10.45	-30.91	0.27	32.63	288.67
4700	4699.1	28.05	1.75	87.92	10.59	-28.08	0.26	30.01	290.66
4800	4799.06	25.03	1.75	100.78	10.36	-25.06	0.39	27.11	292.46
4900	4899.02	22.44	1.25	95.63	9.97	-22.47	0.52	24.58	293.92
5000	4999	20.27	1.25	94.33	9.78	-20.3	0.03	22.53	295.72