

DI DRIL, INC.
BAKERSFIELD, CALIFORNIA

MAGNETIC DIRECTIONAL SURVEY
BY ANGLE AVERAGE METHOD

FOR

* NAHAMA & WEAGANT *

JOB NUMBER: B 6841
WELL NAME: SOCKEYE 31-15-65 REDRILL #1
LOCATION: MIST
SURVEY DATE: 9 NOV 92
SURVEY ENGINEER: RON STOCKTON

MAGNETIC DECLINATION: 20.00E

TIE-ON COORDINATES AT: 0 M.D.
TAKEN FROM: SURVEY DATA SHEET

***** DEPTH MEASURED IN FEET *****
***** THIS DIRECTIONAL SURVEY REPORT IS *****
***** CORRECT TO THE BEST OF MY KNOWLEDGE *****
***** AND IS SUPPORTED BY ACTUAL FIELD DATA! *****
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** COMPANY REPRESENTATIVE **

COMMENTS: ASSUMED VERTICAL @ 550'

DI DRIL, INC.
BAKERSFIELD, CALIFORNIA

JOB NUMBER: B 6841 WELL NAME: SOCKEYE 31-15-65 REDRILL #1
INRUN SURVEY
BY ANGLE AVERAGE METHOD

MEAS. DEPTH	VERT. DEPTH	VERT. SECT.	INCL	BEARING	COORDINATES LATITUDE DEPARTURE	D-LEG /100	D-LEG /CL	STATION DISPLACEMENT DISP. DIRECTION
0.0	0.00	0.00	00-00	N00-00E	0.00 N 0.00 E	0.00		0.00 AT N00-00E
550.0	530.00	0.00	00-00	N15-00E	0.00 N 0.00 E	0.00	0.00	0.00 AT N00-00E
679.0	678.99	-1.65	01-30	N15-00E	1.63 N 0.44 E	1.16	1.50	1.69 AT N15-00E
742.0	741.94	-2.74	03-00	S90-00W	3.59 N 1.07 W	5.83	3.68	3.75 AT N16-34W
772.0	771.88	-1.65	04-00	S70-00W	3.28 N 2.87 W	5.21	1.56	4.36 AT N41-15W
864.0	863.48	5.81	06-45	S43-00W	1.48 S 10.06 W	3.98	3.67	10.17 AT S81-37W
927.0	925.90	14.20	08-45	S28-00W	8.40 S 14.99 W	4.49	2.83	17.18 AT S60-45W
1079.0	1076.28	36.32	08-00	S20-00W	28.62 S 24.00 W	0.91	1.38	37.35 AT S39-59W
1173.0	1169.37	49.32	08-00	S20-00W	40.92 S 28.47 W	0.00	0.00	49.85 AT S34-50W
1327.0	1321.92	70.26	07-45	S19-00W	60.81 S 35.51 W	0.19	0.29	70.42 AT S30-17W
1576.0	1568.86	101.95	07-00	S19-00W	91.03 S 45.92 W	0.30	0.75	101.95 AT S26-46W
1778.0	1769.13	128.12	08-00	S20-00W	115.88 S 54.72 W	0.50	1.01	128.15 AT S25-17W
1871.0	1861.25	140.82	07-45	S23-00W	127.74 S 59.39 W	0.52	0.48	140.87 AT S24-56W
1965.0	1954.31	154.09	08-30	S25-00W	139.87 S 64.80 W	0.85	0.80	154.15 AT S24-51W
2092.0	2079.66	174.50	10-00	S28-00W	158.14 S 73.90 W	1.24	1.58	174.56 AT S25-03W
2121.0	2108.22	179.54	10-00	S28-00W	162.59 S 76.27 W	0.00	0.00	179.59 AT S25-08W
2546.0	2521.90	276.85	16-30	S30-00W	247.79 S 123.49 W	1.53	6.52	276.85 AT S26-29W

* THE HORIZONTAL DISPLACEMENT AT THE DEPTH OF *
* 2546.0 FEET EQUALS 276.85 FEET AT S26-29W *
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