



Jerome P. McHugh & Associates
Operating Affiliate: **Nassau Resources, Inc.**
P O Box 809, Farmington, NM 87499-0809
(505) 326-7793 Fax (505) 327-0859

November 25, 1992

New Mexico Oil Conservation Division
1000 Rio Brazos Rd.
Aztec, NM 87410

RE: Nassau Resources Inc.
Carracas Unit-PC 26 B #13
Sec. 26, T32N, R4W, NMPM
Rio Arriba County, NM

RECEIVED
NOV 30 1992
OIL CON. DIV
DIST. 2

Gentlemen:

I hereby certify that deviation surveys were run on the subject well as shown on the attached Smith International data sheets.

Sincerely,

Murphy Brasuel
Field Supt.

fp

Attachments

State of New Mexico)
County of San Juan) ss

Subscribed and sworn to before me this 25th day of November, 1992.

Frances Perrin

OFFICIAL SEAL
FRANCES PERRIN
NOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires 5-15-93

NASSAU RESOURCES
CARRACAS UNIT PC26B-13
SEC 26-T32N-R04W
RIO ARRIBA COUNTY, NEW MEXICO

RECEIVED
NOV 30 1992
OIL CON. DIV.
DIST. 3

File Name: NASSAU18

RECORD OF SURVEY
Calculated by Smith International's CADDs System

Radius of Curvature Method
All Angles are Decimal
Vertical Section Plane: 99.37 Degs

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T AZIMUTH (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT)	AZIMUTH (DEG)	DOGLEG SEVERITY (DEG/100')
0.00	0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00	0.00
475.00	.75	300.00	475.00	474.99	1.55 N	2.69 W	-2.91	3.11	300.00	.16
505.00	.75	340.00	30.00	504.98	1.85 N	2.94 W	-3.20	3.47	302.17	1.71
561.00	1.75	100.00	56.00	560.97	2.62 N	2.29 W	-2.69	3.48	318.88	3.97
592.00	3.00	100.00	31.00	591.94	2.40 N	1.03 W	-1.40	2.61	336.87	4.03
653.00	5.00	105.00	61.00	652.79	1.48 N	3.13 E	2.85	3.46	64.69	3.33
715.00	7.00	103.00	62.00	714.45	.09 S	9.42 E	9.30	9.42	90.54	3.24
746.00	7.00	107.00	31.00	745.22	1.07 S	13.06 E	13.06	13.11	94.66	1.57
777.00	8.00	106.00	31.00	775.95	2.22 S	16.94 E	17.08	17.09	97.45	3.25
806.00	9.00	99.00	29.00	804.63	3.14 S	21.13 E	21.36	21.36	98.46	4.96
880.00	10.25	99.00	74.00	877.59	5.08 S	33.35 E	33.73	33.73	98.66	1.69
969.00	11.00	100.00	89.00	965.06	7.79 S	49.53 E	50.14	50.14	98.93	.87
1125.00	11.00	101.00	156.00	1118.20	13.21 S	78.80 E	79.90	79.90	99.52	.12
1188.00	11.00	101.00	63.00	1180.04	15.50 S	90.60 E	91.91	91.91	99.71	0.00
1332.00	9.00	106.00	144.00	1321.84	21.34 S	114.90 E	116.84	116.87	100.52	1.51
1447.00	7.00	108.00	115.00	1435.72	26.02 S	130.21 E	132.71	132.78	101.30	1.76
1601.00	6.00	112.00	154.00	1588.73	31.98 S	146.59 E	149.84	150.03	102.31	.71
1726.00	6.00	107.00	125.00	1713.04	36.34 S	158.90 E	162.69	163.00	102.88	.42
1916.00	5.00	115.00	190.00	1902.17	42.86 S	175.89 E	180.52	181.03	103.70	.66

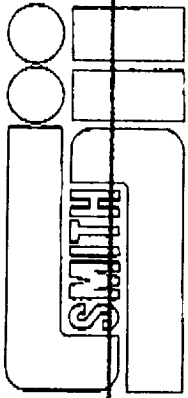
NASSAU RESOURCES
CARRACAS UNIT PC26B-13

SEC 26-T32N-R04W
RIO ARRIBA COUNTY, NEW MEXICO

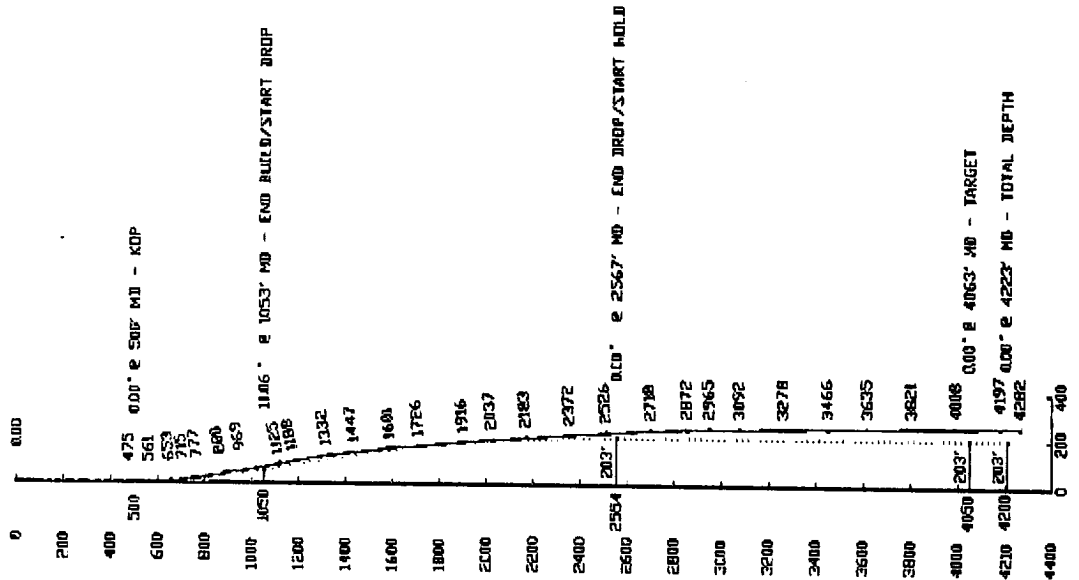
MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T AZIMUTH (DEG)	COURSE LENGTH (FT)	TOTAL VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT)		DOGLEG SEVERITY (DEG/100')
2037.00	5.00	115.00	121.00	2022.71	47.32 S	185.44 E	190.67	191.38	104.31	0.00
2183.00	4.00	120.00	144.00	2168.25	52.60 S	195.60 E	201.56	202.55	105.05	.74
2372.00	4.00	125.00	189.00	2356.79	59.69 S	206.72 E	213.68	215.16	106.11	.18
2526.00	4.00	120.00	154.00	2510.42	65.46 S	215.77 E	223.55	225.48	106.88	.23
2718.00	3.50	132.00	192.00	2702.01	72.82 S	225.91 E	234.76	237.36	107.87	.48
2872.00	2.00	135.00	154.00	2855.82	77.91 S	231.27 E	240.87	244.04	108.62	.98
2965.00	1.50	137.00	93.00	2948.78	79.95 S	233.25 E	243.15	246.57	108.92	.54
3092.00	1.00	148.00	127.00	3075.75	82.15 S	234.93 E	245.17	248.88	109.27	.43
3278.00	.75	153.00	186.00	3261.73	84.62 S	236.33 E	246.95	251.02	109.70	.14
3466.00	1.00	150.00	188.00	3449.71	87.14 S	237.70 E	248.71	253.17	110.13	.14
3635.00	1.00	124.00	169.00	3618.68	89.28 S	239.69 E	251.03	255.78	110.43	.27
3821.00	1.25	132.00	186.00	3804.64	91.53 S	242.57 E	254.23	259.26	110.67	.16
4008.00	.50	132.00	187.00	3991.62	93.44 S	244.69 E	256.64	261.92	110.90	.40
4197.00	.50	172.00	189.00	4180.61	94.86 S	245.45 E	257.62	263.14	111.13	.18
4282.00	.50	172.00	85.00	4265.61	95.60 S	245.55 E	257.84	263.50	111.27	0.00

BOTTOM HOLE CLOSURE: 263.50 Feet at 111.27 Degrees

NASSAU RESOURCES CARRACAS UNIT PC26B-13 SEC 26-T32N-R04W RIO ARRIBA COUNTY, NEW MEXICO



VERTICAL PLANE
SCALE: 200 FEET/DIVISION



HORIZONTAL PLANE
SCALE: 20 FEET/DIVISION

