

LAND SEISMIC RECORDING LOG

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| | CLIENT: Husky | PROSPECT: NPR-4 | AREA: Key Creek | LINE NO: KD-98 | | | | |
| | PARTY NO: 1182 | INST. ENG: J. Windham | 0700 TO 1900 | 12 HRS. | DATE: MO 4 DAY 6 YR 77 | | | |
| INSTRUMENT (9-TRACK) | <input type="checkbox"/> 1 SYSTEM <input type="checkbox"/> 2 SYSTEMS | <input type="checkbox"/> 1-24 & 25-48 <input type="checkbox"/> 1-48 & 49-96 | TYPE: <input type="checkbox"/> DFS III <input type="checkbox"/> DFS II | <input type="checkbox"/> 9 TRACK <input type="checkbox"/> 21 TRACK | FORMAT: TAC | <input type="checkbox"/> GAPPED <input type="checkbox"/> UNGAPPED | PACKING DENSITY: (L) <input type="checkbox"/> 356 BP <input type="checkbox"/> 800 BP | (H) <input type="checkbox"/> 712 BP <input type="checkbox"/> 1600 BP |
| CONFIGURATION (MAG TAPE) | FIELD TRACE NOS.: 1-48 | DATA CHANNEL NOS.: 1-48 | (ON MAG TAPE) | AUXILIARY DATA: | AUXILIARY CHANNEL NOS.: | GAIN CONSTANT: 36 db | | |
| PARAMETER | RECORD LENGTH: 6 sec. | SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms. <input type="checkbox"/> 8 ms. | GAIN-MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> OFF <input type="checkbox"/> FINAL <input type="checkbox"/> OPERATE | FILTERS: FREQ. 8 | LO CUT HZ SLOPE 86 | HI CUT HZ SLOPE 72 | NOTCH FILTER: <input type="checkbox"/> IN <input type="checkbox"/> OUT | |
| DISPLAY | MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> AGC <input type="checkbox"/> DEFLOAT <input type="checkbox"/> DIRECT | INITIAL GAIN: 18 db | TRIP SENS.: 18 db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: <input type="checkbox"/> NEGATIVE <input type="checkbox"/> POSITIVE | NUMBERS ON MAG. TAPE: <input type="checkbox"/> DOWNBREAK <input type="checkbox"/> UPBREAK | ON DISPLAY | |
| CFS I | TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW. | |
| SOURCE | TYPE: <input checked="" type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER | PATTERN: Single hole | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: |
| RECEIVER | TYPE: GSC-200 | PATTERN: Inline | NO. OF ELEMENTS: 18 | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: |
| SPREAD | CONNECTION: Series-Parallel | RESISTANCE: 500 ohms | STAGGER: | LENGTH: | WIDTH: | PHASE COMP: | LATERAL OFFSET: | |
| | NO. OF GROUPS: 48 | GROUP INTERVAL: 330' | SHOTPOINT INTERVAL: 1320' | FOLD: 6 | DIRECTION OF PROGRESSION: North-to-South | LEADING GROUP: | | |

DIAGRAMS/MISC. INFORMATION:
 348 - tail spread **XXXX**
 TRACE #1 **SP1**
 TRACE #24 **SP7**
 Hole being shot **TRACE#25** **TRACE#40**
 Note* RN-0730-0744 Daily instrument TESTS - RN-0745 TEST TB

| SHOTPOINT | TR. 1 to 48 | | TR. 10 | | SHOT | | SPREAD | | REMARKS | CORR. STACK | | | | |
|-----------|-------------|------|----------|------|------|-------|--------|--------|---------|-------------|--------------|-------------|--------|---------|
| | REEL NO. | REC. | REEL NO. | REC. | SIZE | DEPTH | NO. | OFFSET | | DIR. | CDP SWITCH | LINE GROUPS | SET UP | TR 1-48 |
| 1 | 5413 | 5199 | 07146 | | 50 | 90 | 1 | | | V1 | F1 - SP-7 | 1 | | |
| 2 | | | 07147 | | 50 | 90 | 2 | | | V5 | T-4 - SP-8 | | | |
| 3 | | | 071510 | | 50 | 90 | 3 | | | V6 | T-8 - SP-9 | | | |
| 4 | | | 071511 | | 50 | 90 | 4 | | | V13 | F12 - SP-10 | | | |
| 5 | | | 071512 | | 50 | 90 | 5 | 80 | EAST | V17 | T-16 - SP-11 | | | |
| 6 | | | 071513 | | 50 | 90 | 6 | | | V21 | T-20 - SP-12 | | | |
| 7 | | | 071514 | | 50 | 90 | 7 | | | V25 | SP1 - SP-13 | | | |
| 8 | | | 071515 | | 50 | 90 | 8 | | | V29 | SP2 - SP-14 | | | |
| 9 | | | 071516 | | 50 | 90 | 9 | | | V33 | SP3 - SP-15 | | | |
| 10 | | | 071517 | | 50 | 90 | 10 | | | V37 | SP4 - SP-16 | | | |
| 11 | | | 07160 | | 50 | 90 | 11 | | | V41 | SP5 - SP-17 | | | |
| 12 | | | 07161 | | 50 | 90 | 12 | | | V45 | SP6 - SP-18 | | | |
| 13 | | | 07162 | | 50 | 90 | 13 | | | V49 | SP7 - SP-19 | 2 | | |
| 14 | | | 07163 | | 50 | 90 | 14 | | | V13 | SP8 - SP-20 | | | |
| 15 | | | 07164 | | 50 | 90 | 15 | | | V17 | SP9 - SP-21 | | | |
| 16 | | | 07165 | | 50 | 90 | 16 | | | V21 | SP10 - SP-22 | | | |
| 17 | | | 07166 | | 50 | 90 | 17 | | | V25 | SP11 - SP-23 | | | |
| 18 | | | 07167 | | 50 | 105 | 18 | | | V29 | SP12 - SP-24 | | | |
| 19 | | | 07170 | | 50 | 105 | 19 | | | V33 | SP13 - SP-25 | | | |
| 20 | | | 07171 | | 50 | 105 | 20 | 195 | South | V37 | SP14 - SP-26 | | | |

LAND SEISMIC RECORDING LOG

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|--------------------------|-----------------------------------------|-----------------------------------------------|------------------------------------------|------------------------------------|---------------------------------------------|-----------------------------------------|-------------------------------------------------|--------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------|--------------------------------------|-----------------------------------|
| | CLIENT: <u>Husky</u> | PROSPECT: <u>NPR-4</u> | AREA: <u>Key Creek</u> | LINE NO: <u>KD-98</u> | | | | | | | | | | |
| PARTY NO: <u>1182</u> | | INST. ENG: <u>J. Winham - C. Block</u> | | DATE: <u>MO 6 DAY 7 YR 77</u> | | | | | | | | | | |
| INSTRUMENT (P-TRACK) | <input type="checkbox"/> 1 SYSTEM | <input checked="" type="checkbox"/> 2 SYSTEMS | <input type="checkbox"/> ODDS | TYPE: <input type="checkbox"/> DES | <input type="checkbox"/> DFS | <input type="checkbox"/> OTHER | <input type="checkbox"/> 2 TRACK | <input type="checkbox"/> 21 TRACK | FORMAT: <u>TRAC</u> | <input type="checkbox"/> GAPPED | <input type="checkbox"/> UNGAPPED | PACKING DENSITY: (L) <input type="checkbox"/> 336 BPI | (H) <input type="checkbox"/> 712 BPI | <input type="checkbox"/> 1000 BPI |
| | NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: | <input type="checkbox"/> DEC | <input checked="" type="checkbox"/> OCT | GAIN CONSTANT: <u>18</u> db | INPUT IMPEDANCE: <u>500</u> ohms | (1) | (2) | (3) | (4) | (5) | (6) |
| CONFIGURATION (MAG TAPE) | FIELD TRACE NOS.: <u>1-48</u> | | DATA CHANNEL NOS.: <u>1-48</u> | | (ON MAG TAPE) | | | | | | | | | |
| PARAMETER | RECORD LENGTH: <u>6</u> sec | SAMPLE RATE: <input type="checkbox"/> 1 ms | <input checked="" type="checkbox"/> 2 ms | <input type="checkbox"/> 4 ms | GAIN MODE: <input type="checkbox"/> INITIAL | <input type="checkbox"/> FINAL | <input type="checkbox"/> MANUAL | <input type="checkbox"/> OPERATE | FILTERS: FREQ. <u>8</u> | LD CUT HZ SLOPE: <u>36</u> | HI CUT HZ SLOPE: <u>72</u> | NOTCH FILTER: <input type="checkbox"/> IN | <input type="checkbox"/> B-CUT | |
| DISPLAY | MODE: <input type="checkbox"/> AGC | <input type="checkbox"/> FLOAT | <input type="checkbox"/> DELOAD | <input type="checkbox"/> AMPLIFIER | <input type="checkbox"/> DIRECT | INITIAL GAIN: <u>18</u> db | JRP SENS: <u>18</u> db | POLARITY CONVENTION: <input type="checkbox"/> NEGATIVE | <input type="checkbox"/> POSITIVE | PRESSURE INCREASE ON GEOPHONE: <input type="checkbox"/> NUMBERS ON MAG. TAPE | <input type="checkbox"/> DOWNBREAK | <input type="checkbox"/> UPBREAK | <input type="checkbox"/> ON DISPLAY | |
| CFS I | TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM./ALT SW. | | | | | | | |
| SOURCE | TYPE: <input type="checkbox"/> DYNAMITE | <input type="checkbox"/> VIBROSEIS | <input type="checkbox"/> OTHER | PATTERN: <u>Single Hole</u> | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET: | | | |
| RECEIVER | TYPE: <u>GSC-20d</u> | PATTERN: <u>Inline</u> | NO. OF ELEMENTS: <u>18</u> | CONNECTION: <u>Series-Parallel</u> | RESISTANCE: <u>500</u> ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET: | | | | | |
| SPREAD | NO. OF GROUPS: <u>48</u> | GROUP INTERVAL: <u>330'</u> | SHOTPOINT INTERVAL: <u>1320'</u> | OFFSET GROUP 1: | OFFSET GROUP: | FOLD: <u>6</u> | DIRECTION OF PROGRESSION: <u>North-to-South</u> | LEADING GROUP: | | | | | | |

DIAGRAMS/MISC. INFORMATION:
 SP-15 to Axxxxx A
 TRACE #17
 TRACE #24
 Hole Being Shot
 TRACE #25
 TRACE #48
 Note * RN-0773 - 1007 Daily Instrument Tests
 RN-1010 - RN-1011 Test TDs

| SHOTPOINT | TR. 1 to 48 | | TR. to | | SHOT | | SPREAD | | REMARKS | CORR. STACK | | | |
|-----------|-------------|------|----------|------|------|-------|--------|-----------|---------|-------------|---------------|-------------|-------------------------------------------|
| | REEL NO. | REC. | REEL NO. | REC. | SIZE | DEPTH | NO. | OFFSET | | DIR. | CDP SWITCH | LINE GROUPS | SET UP |
| 21 | 543599 | 1021 | | | 50 | 105 | 1 | | | V5 | SP-15 - SP-27 | 1 | |
| 22 | | 1021 | | | 50 | 105 | 2 | | | V9 | SP-16 - SP-28 | | |
| 23 | | 1021 | | | 50 | 105 | 3 | | | V13 | SP-17 - SP-29 | | |
| 24 | | 1021 | | | 50 | 105 | 4 | | | V17 | SP-18 - SP-30 | | |
| 25 | | 1021 | | | 50 | 105 | 5 | | | V21 | SP-19 - SP-31 | | |
| 26 | | 1021 | | | 50 | 105 | 6 | | | V25 | SP-20 - SP-32 | | |
| 27 | | 1020 | | | 50 | 105 | 7 | | | V29 | SP-21 - SP-33 | | |
| 28 | | 1021 | | | 50 | 105 | 8 | | | V33 | SP-22 - SP-34 | | |
| 29 | | 1022 | | | 50 | 105 | 9 | 500 North | | V37 | SP-23 - SP-35 | | |
| 30 | | 1023 | | | 50 | 105 | 10 | | | V41 | SP-24 - SP-36 | | |
| 31 | | 1024 | | | 100 | 105 | 11 | | | V45 | SP-25 - SP-37 | | |
| 32 | | 1030 | | | 100 | 105 | 12 | 500 North | | V49 | SP-26 - SP-38 | | RN 1025 + 1026 Misc FRI: RN 1027 TEST TR. |
| 33 | | 1031 | | | 100 | 105 | 13 | 100 West | | V1 | SP-27 - SP-39 | 2 | |
| 34 | | 1032 | | | 100 | 105 | 14 | | | V5 | SP-28 - SP-40 | | |
| 35 | | 1033 | | | 100 | 105 | 15 | | | V9 | SP-29 - SP-41 | | |
| 36 | | 1034 | | | 100 | 105 | 16 | | | V13 | SP-30 - SP-42 | | |
| 37 | | 1035 | | | 100 | 105 | 17 | | | V17 | SP-31 - SP-43 | 3 | |
| 38 | | 1036 | | | 100 | 105 | 18 | | | V19 | SP-32 - SP-44 | | |
| 39 | | 1037 | | | 100 | 105 | 19 | | | V13 | SP-33 - SP-45 | | LAST Record on Reel #543599 |
| 40 | 5435100 | 1040 | | | 100 | 105 | 20 | | | V17 | SP-34 - SP-46 | | |

LAND SEISMIC RECORDING LOG

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|-----------------------|-------------------------------------------|----------------------------|------------------------|---------------------------------------|--|
| | CLIENT: <u>Haskey</u> | PROSPECT: <u>NPR-4</u> | AREA: <u>Key Creek</u> | LINE NO: <u>KD-98</u> | |
| PARTY NO: <u>1182</u> | INST. ENG: <u>J. Windham - C. Blalock</u> | DATE: <u>07-00 - 21-00</u> | | MO <u>4</u> DAY <u>7</u> YR <u>77</u> | |

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|--------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| INSTRUMENT (9-TRACK) | <input type="checkbox"/> 1 SYSTEM <input type="checkbox"/> 2 SYSTEMS | <input type="checkbox"/> 1-24 & 25-48 <input type="checkbox"/> 1-48 & 49-96 | <input type="checkbox"/> ODDS <input type="checkbox"/> EVENS | TYPE: <input type="checkbox"/> DFS I <input type="checkbox"/> DFS II <input type="checkbox"/> DFS III <input type="checkbox"/> OTHER | <input type="checkbox"/> 2 TRACK <input type="checkbox"/> 1 TRACK | FORMAT: <u>TIAC</u> SEG: | <input type="checkbox"/> GAPPED <input type="checkbox"/> UNGAPPED | PACKING DENSITY: (L) <input type="checkbox"/> 356 BPI <input type="checkbox"/> 800 BPI | (H) <input type="checkbox"/> 712 BPI <input type="checkbox"/> 1600 BPI |
| NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: | <input type="checkbox"/> DEC. <input type="checkbox"/> OCT | GAIN CONSTANT: <u>36</u> db | INPUT IMPEDANCE: <u>500</u> ohms | | | |

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|-----------------------------|-------------------------------------------------------------------------------|--------------------------------------------|
| CONFIGURATION (MAG TAPE) | FIELD TRACE NOS.: <u>1-48</u> DATA CHANNEL NOS.: <u>1-48</u> (ON MAG TAPE) | AUXILIARY DATA: AUXILIARY CHANNEL NOS.: |
|-----------------------------|-------------------------------------------------------------------------------|--------------------------------------------|

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|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| PARAMETER | RECORD LENGTH: <u>6</u> sec. | SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms. <input type="checkbox"/> 8 ms. | GAIN MODE: <input type="checkbox"/> INITIAL <input checked="" type="checkbox"/> OFF | FILTERS: FREQ. <u>8</u> | LO CUT HZ SLOPE <u>36</u> | HI CUT HZ SLOPE <u>72</u> | NOTCH FILTER: <input type="checkbox"/> IN <input type="checkbox"/> OUT |
| DISPLAY | MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input checked="" type="checkbox"/> GFC <input type="checkbox"/> DEFLAT <input type="checkbox"/> DIRECT | INITIAL GAIN: <u>18</u> db | TRIP SENS: <u>18</u> db | POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: <input type="checkbox"/> NEGATIVE <input type="checkbox"/> POSITIVE | NUMBERS ON MAG TAPE: <input type="checkbox"/> DOWNBREAK <input type="checkbox"/> UPBREAK | ON DISPLAY: <input type="checkbox"/> ON DISPLAY |
| CFS I | TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | P.C.U. NORM/ALT SW. |

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| SOURCE | TYPE: <input checked="" type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER | PATTERN: <u>Single hole</u> CHO/ HOLE: <u>100</u> HOLE DEPTH: <u>105</u> | NO. OF POSITIONS: SWEEP POSITION: | INLINE SPACING: SWEEP START: | LATERAL SPACING: SWEEP END: | STAGGER: SWEEP LENGTH: | LENGTH: SWEEP TAPER: | WIDTH: PHASE COMP. | LATERAL OFFSET: |
|--------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------|---------------------------------|--------------------------------|---------------------------|-------------------------|-----------------------|-----------------|

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|----------|------------------------------------------------------------|-------------------------------------------------------|----------------------------------------|----------------------------|----------------------------|-----------------|
| RECEIVER | TYPE: <u>GSP-20d</u> CONNECTION: <u>Series-Parallel</u> | PATTERN: <u>In line</u> RESISTANCE: <u>5W</u> ohms | NO. OF ELEMENTS: <u>18</u> STAGGER: | INLINE SPACING: LENGTH: | LATERAL SPACING: WIDTH: | LATERAL OFFSET: |
|----------|------------------------------------------------------------|-------------------------------------------------------|----------------------------------------|----------------------------|----------------------------|-----------------|

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|--------|---------------------------------------------|----------------------------------------------|---------------------------------------------------|---------------------------------------|-------------------------------------------------------------------|
| SPREAD | NO. OF GROUPS: <u>48</u> OFFSET GROUP 1: | GROUP INTERVAL: <u>330'</u> OFFSET GROUP: | SHOTPOINT INTERVAL: <u>1320'</u> OFFSET GROUP: | FOLD: <u>6</u> OFFSET GROUP 48/96: | DIRECTION OF PROGRESSION: <u>North-to-South</u> LEADING GROUP: |
|--------|---------------------------------------------|----------------------------------------------|---------------------------------------------------|---------------------------------------|-------------------------------------------------------------------|

DIAGRAMS/MISC. INFORMATION:

| SHOTPOINT | TR. <u>1</u> to <u>48</u> | | TR. <u> </u> to <u> </u> | | SHOT | | | | | | | SPREAD | | | REMARKS: | CORR. STACK | | | |
|-----------|---------------------------|-------|------------------------------|------|------|-------|------|--------|-------|------------|-------------|--------|-------|---------|----------|-------------|---------|----------|--|
| | REEL NO. | REC. | REEL NO. | REC. | SIZE | DEPTH | NO. | OFFSET | DIR. | CDP SWITCH | LINE GROUPS | | SET | TR 1-48 | | TR 48-96 | TR 1-48 | TR 48-96 | |
| | | | | | | | | | | | | | | HT | | REC | HT | REC | |
| 1 | | | | | | | | | | | | | | | | | | | |
| 41 | 5436100 | 1041 | | | 100 | 10521 | 1095 | | North | V21 | SP-35 | - | SP-47 | 3 | | | | | |
| 42 | | 1042 | | | 100 | 10522 | 2010 | | SW | V5 | SP-36 | - | SP-48 | 4 | | | | | |
| 43 | | 1043 | | | 100 | 10523 | | | | V9 | SP-37 | - | SP-49 | | | | | | |
| 44 | | 1044 | | | 100 | 10524 | | | | V13 | SP-38 | - | SP-50 | | | | | | |
| 45 | | 1045 | | | 100 | 10525 | | | | V17 | SP-39 | - | SP-51 | | | | | | |
| 46 | | 1046 | | | 100 | 10526 | | | | V21 | SP-40 | - | SP-52 | | | | | | |
| 47 | | 1047 | | | 100 | 10527 | | | | V25 | SP-41 | - | SP-53 | | | | | | |
| 48 | | 10510 | | | 100 | 10528 | | | | V29 | SP-42 | - | SP-54 | | | | | | |
| 49 | | 10511 | | | 100 | 10529 | | | | V5 | SP-43 | - | SP-55 | 5 | | | | | |
| 50 | | 1052 | | | 100 | 10530 | 1095 | | North | V9 | SP-44 | - | SP-56 | | | | | | |
| 51 | | 1053 | | | 25 | 2031 | | | | V13 | SP-45 | - | SP-57 | | | | | | |
| 52 | | 1054 | | | 100 | 10532 | | | | V17 | SP-46 | - | SP-58 | | | | | | |
| 53 | | 1055 | | | 25 | 2033 | | | | V21 | SP-47 | - | SP-59 | | | | | | |
| 54 | | 1056 | | | 100 | 10534 | | | | V25 | SP-48 | - | SP-60 | | | | | | |
| 55 | | 1057 | | | 100 | 10535 | | | | V29 | SP-49 | - | SP-61 | | | | | | |
| 56 | | 1060 | | | 100 | 10536 | | | | V33 | SP-50 | - | SP-62 | | | | | | |
| 57 | | 1061 | | | 100 | 10537 | | | | V37 | SP-51 | - | SP-63 | | | | | | |
| 58 | | 1062 | | | 100 | 10538 | | | | V41 | SP-52 | - | SP-64 | | | | | | |
| 59 | | 1063 | | | 100 | 10539 | | | | V45 | SP-53 | - | SP-65 | | | | | | |
| 60 | | 1064 | | | 100 | 10540 | | | | V49 | SP-54 | - | SP-66 | | | | | | |

LAND SEISMIC RECORDING LOG

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|-----------------------|--------------------------------------------|------------------------------------------|------------------------|-------------------------------|--|
| | CLIENT: <u>Has. Ky</u> | PROSPECT: <u>NPR-4</u> | AREA: <u>Key Creek</u> | LINE NO: <u>KD-98</u> | |
| PARTY NO: <u>1182</u> | INST. ENG: <u>J. Williams - C. Blalock</u> | <u>07⁰⁰ - 19³⁰</u> | <u>12.5 Hues</u> | DATE: <u>MO 4 DAY 8 YR 77</u> | |

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| INSTRUMENT | <input checked="" type="checkbox"/> 1 SYSTEM <input checked="" type="checkbox"/> 2 SYSTEMS | <input checked="" type="checkbox"/> 1-24 & 25-48 <input checked="" type="checkbox"/> 1-48 & 49-96 | ODDS EVENS | TYPE: <input type="checkbox"/> DFS <input checked="" type="checkbox"/> DFS <input type="checkbox"/> OTHER | <input type="checkbox"/> 9-TRACK <input checked="" type="checkbox"/> 2-TRACK | FOPMAT: <u>TIAC</u> <input type="checkbox"/> GAPPED <input type="checkbox"/> UNGAPPED | PACKING DENSITY: (L) <input type="checkbox"/> 356 BPI (H) <input type="checkbox"/> 712 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> 1600 BPI |
| (9-TRACK) | NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN: | RECORD NUMBERS: | <input type="checkbox"/> DEC. <input checked="" type="checkbox"/> OCT. | GAIN CONSTANT: <u>36</u> db | INPUT IMPEDANCE: <u>500</u> ohms. |

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|-----------------------------------------------------------------------------------------------------------|--------------------------------------------|
| CONFIGURATION (MAG TAPE) FIELD TRACE NOS.: <u>1-48</u> DATA CHANNEL NOS.: <u>1-48</u> (ON MAG TAPE) | AUXILIARY DATA: AUXILIARY CHANNEL NOS.: |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------|

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|-----------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| PARAMETER | RECORD LENGTH: <u>6</u> sec. | SAMPLE RATE: <input type="checkbox"/> 1 ms. <input type="checkbox"/> 4 ms. <input type="checkbox"/> 2 ms. <input type="checkbox"/> ms. | GAIN MODE: <input type="checkbox"/> INITIAL <input type="checkbox"/> MANUAL <input type="checkbox"/> FINAL <input checked="" type="checkbox"/> OPERATE | FILTERS: FREQ. <u>8</u> | LO CUT HZ SLOPE <u>36</u> | HI CUT HZ SLOPE <u>72</u> | NOTCH FILTER: <input type="checkbox"/> IN <input checked="" type="checkbox"/> OUT |
| DISPLAY | MODE: <input type="checkbox"/> FLOAT <input type="checkbox"/> AMPLIFIER <input type="checkbox"/> DEFLOAT <input type="checkbox"/> DIRECT | INITIAL GAIN: <u>18</u> db | TRIP SENS: <u>18</u> db | POLARITY CONVENTION: <input type="checkbox"/> POSITIVE <input checked="" type="checkbox"/> NEGATIVE | PRESSURE INCREASE ON GEOPHONE: <input type="checkbox"/> POSITIVE <input checked="" type="checkbox"/> NEGATIVE | NUMBERS ON MAG. TAPE: <input type="checkbox"/> DOWNBREAK <input checked="" type="checkbox"/> UPBREAK | ON DISPLAY: <input type="checkbox"/> DOWNBREAK <input checked="" type="checkbox"/> UPBREAK |
| CFS I | TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW. |

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|--------|----------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------|------------------|---------------|--------------|-------------|-----------------|
| SOURCE | TYPE: <input checked="" type="checkbox"/> DYNAMITE <input type="checkbox"/> VIBROSEIS <input type="checkbox"/> OTHER | PATTERN: <u>Single hole</u> | NO. OF POSITIONS: <u>18</u> | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET: |
| | CHG/ HOLE: <u>100</u> | HOLE DEPTH: <u>105</u> | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP: | |

| | | | | | | | | | |
|----------|------------------------------------|-----------------------------|----------------------------|-----------------|------------------|----------|---------|--------|-----------------|
| RECEIVER | TYPE: <u>Gsc-20d</u> | PATTERN: <u>Inline</u> | NO. OF ELEMENTS: <u>18</u> | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET: |
| | CONNECTION: <u>Series-Parallel</u> | RESISTANCE: <u>500</u> ohms | | | | | | | |

| | | | | | |
|--------|--------------------------|-----------------------------|----------------------------------|---------------------|-------------------------------------------------|
| SPREAD | NO. OF GROUPS: <u>48</u> | GROUP INTERVAL: <u>330'</u> | SHOTPOINT INTERVAL: <u>1320'</u> | FOLD: <u>6</u> | DIRECTION OF PROGRESSION: <u>North-to-South</u> |
| | OFFSET GROUP 1: | OFFSET GROUP: | OFFSET GROUP: | OFFSET GROUP 48/96: | LEADING GROUP: |

DIAGRAMS/MISC. INFORMATION:
 SP55 → A xxxx A → SP61
 TRACE #17 → TRACE #24 → CHOLE BEING SHOT → TRACE #25 → TRACE #48
 Note * RN-1065 - RN-1104 Daily Instrument Tests

| SHOTPOINT | TR 1 to 48 | | TR 10 | | SHOT | | SPREAD | | REMARKS | CORR. STACK | | | | | |
|-----------|------------|-------|----------|------|------|-------|--------|--------|---------|-------------|---------------|-------------|--------|---------|----------|
| | REEL NO. | REC. | REEL NO. | REC. | SIZE | DEPTH | NO. | OFFSET | | DIR. | CDP SWITCH | LINE GROUPS | SET UP | TR 1-28 | TR 29-48 |
| 611 | 5436102 | 11106 | | | 100 | 105 | 1 | | | V1 | SP55 - SP67 | 1 | | | |
| 62 | | 11107 | | | 100 | 105 | 2 | 80 | EAST | V5 | SP56 - SP68 | | | | |
| 63 | | 11110 | | | 100 | 105 | 3 | | | V9 | SP57 - SP69 | | | | |
| 64 | | 11111 | | | 100 | 105 | 4 | | | V13 | SP58 - SP70 | | | | |
| 65 | | 11110 | | | 100 | 105 | 5 | | | V1 | SP59 - SP71 | 2 | | | |
| 66 | | 11113 | | | 100 | 105 | 6 | | | V5 | SP60 - SP72 | | | | |
| 67 | | 11114 | | | 100 | 105 | 7 | | | V9 | SP61 - SP73 | | | | |
| 68 | | 11115 | | | 100 | 105 | 8 | | | V13 | SP62 - SP74 | | | | |
| 69 | | 11116 | | | 100 | 105 | 9 | | | V17 | SP63 - SP75 | | | | |
| 70 | | 11117 | | | 100 | 105 | 10 | | | V21 | SP64 - SP76 | | | | |
| 71 | | 11120 | | | 100 | 105 | 11 | | | V25 | SP65 - SP77 | | | | |
| 72 | | 11121 | | | 100 | 105 | 12 | | | V29 | SP66 - SP78 | | | | |
| 73 | | 11122 | | | 100 | 105 | 13 | 495 | South | V33 | SP67 - SP79 | | | | |
| 74 | | 11123 | | | 100 | 105 | 14 | | | V37 | SP68 - T-4 | | | | |
| 75 | | 11124 | | | 100 | 105 | 15 | 330 | North | V41 | SP69 - T-8 | | | | |
| 76 | | 11125 | | | 100 | 105 | 16 | | | V43 | SP69-2 - T-10 | | | | |
| 77 | | 11126 | | | 100 | 105 | 17 | | | V43 | SP69-2 - T-10 | | | | |
| 78 | | 11127 | | | 100 | 105 | 18 | | | V43 | SP69-2 - T-10 | | | | |
| 79 | | 11130 | | | 100 | 105 | 19 | | | V43 | SP69-2 - T-10 | | | | |