LAND SEISMIC RECORDING LOG

CLIENT: HUSKY OIL	PROSPECT: NPR #4	AREA: KUK RIVER	LINE NO: DK03
PARTY NO: 1182	INST. ENG: WELCOME & BLALOCK	0700-0930: DRIVE TO LINE; 0930-1530 CABLES & JUGS; 1530-1900 SHOOTING 2030 BACK IN CAMP	DATE: MO 02 DAY 02 YR 43

INSTRUMENT (9-TRACK): [X] 1 SYSTEM [ ] 2 SYSTEMS; [X] 1-24 & 25-48 [ ] 1-48 & 49-96 [ ] ODDS & EVENS; TYPE: [ ] DFS III [X] DFS IV [ ] DFS V [ ] OTHER; [ ] 9 TRACK [X] 21 TRACK; FORMAT: SEG; [ ] GAPPED [ ] UNGAPPED; PACKING DENSITY: (LO) [X] 356 BPI [ ] 800 BPI (HI) [ ] 712 BPI [ ] 1600 BPI

NO. BYTES IN HEADER REC: ; NO. BYTES IN RECORD ID: ; NO. BYTES PER SCAN: ; RECORD NUMBERS: [ ] DEC. [X] OCT.; GAIN CONSTANT: 30 db; INPUT IMPEDANCE: 500 ohms

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: 1-48; DATA CHANNEL NOS.: 1-48 (ON MAG TAPE)

AUXILIARY DATA: (1) ETB (2) ~~Dyt~~ (3) TWO (4) PBUH (5) PBTB (6) 1KHZ (7) RN

AUXILIARY CHANNEL NOS.: 4 ~~5~~ 8 49 50 51 52

PARAMETER: RECORD LENGTH: 6 sec.; SAMPLE RATE: [ ] 1 ms. [ ] 4 ms. [X] 2 ms. [ ] ms.; GAIN MODE: [X] IFP [ ] INITIAL [ ] FINAL [ ] MANUAL [ ] OPERATE; FILTERS: FREQ. 8 LO CUT HZ SLOPE 36; FREQ. 124 HI CUT HZ SLOPE —; NOTCH FILTER: [ ] IN [X] OUT

DISPLAY: MODE: [X] AGC [ ] FLOAT [ ] DEFLOAT [ ] AMPLIFIER [ ] DIRECT; INITIAL GAIN: 0 db; TRIP SENS: 6 db; POLARITY CONVENTION: ; PRESSURE INCREASE ON GEOPHONE: [ ] NEGATIVE [ ] POSITIVE; NUMBERS ON MAG. TAPE / ON DISPLAY: [X] DOWNBREAK [ ] UPBREAK

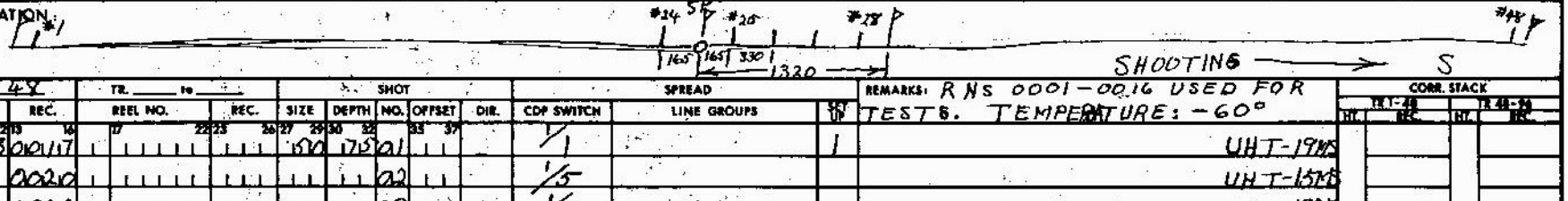
CFS I: TYPE STACK: ; GATE LENGTH: ; RECORD REJECTION: ; NOISE REDUCTION: ; NOISE THRESHOLD: ; CORR. SCALING: ; R.C.U. NORM/ALT SW.

SOURCE: TYPE: [X] DYNAMITE [ ] VIBROSEIS [ ] OTHER; PATTERN: SINGLE HOLE; NO. OF POSITIONS: ; INLINE SPACING: ; LATERAL SPACING: ; STAGGER: ; LENGTH: ; WIDTH: ; LATERAL OFFSET: ; CHG/HOLE: 50; HOLE DEPTH: 75; SWEEP POSITION: ; SWEEP START: ; SWEEP END: ; SWEEP LENGTH: ; SWEEP TAPER: ; PHASE COMP: ;

RECEIVER: TYPE: ; PATTERN: IN LINE; NO. OF ELEMENTS: ; INCLINE SPACING: ; LATERAL SPACING: ; CONNECTION: ; RESISTANCE: ohms; STAGGER: ; LENGTH: ; WIDTH: ; LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48; GROUP INTERVAL: 330'; SHOTPOINT INTERVAL: 1320'; FOLD: 6; DIRECTION OF PROGRESSION: S; OFFSET GROUP 1: ; OFFSET GROUP 24: 165'; OFFSET GROUP 25: 165'; OFFSET GROUP 48/96: ; LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:



SHOTPOINT	TR. 1 to 48 REEL NO.	REC.	TR. ___ to ___ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS	SW UP	REMARKS: RNS 0001-0016 USED FOR TESTS. TEMPERATURE: -60°	CORR. STACK TR. 1-48 HI	REC.	TR. 49-96 HI	REC.
80	3143156	00117			600	175	01			1/1		1	UHT-19MS				
79		0020					02			1/5			UHT-15MS				
78		00211					03			1/9			UHT-18MS				
77		00212					04			1/13			UHT-18MS				
76		~~0023~~					05			1/17			RN0024 NR UHT-15MS				
75		~~0024~~					06			1/21			RN0025 NR UHT-15MS				
74		00217					07			1/25			UHT-18MS				
73		00330					08			1/29			UHT-15MS				
72		00331					09			1/33			UHT-15MS				
71		0032					10			1/37			UHT-16MS				
70		00318					11			1/41			UHT-16MS				
69		00314					12			1/45			UHT-19MS				

Note: All uphole times (UHT) for lines 1, 2, 4 most of 4 are incorrect. Add about 10ms to each one.

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LAND SEISMIC RECORDING LOG

CLIENT: HUSKY
PROSPECT: KUK RIVER
AREA: PET. 4.
LINE NO: -
PARTY NO: 1182
INST. ENG: BLALOCK
DATE: MO 2 DAY 3 YR 77

INSTRUMENT (9-TRACK)
☐ 1 SYSTEM ☐ 2 SYSTEMS
☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS
TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ DFS IX ☐ OTHER
☐ 9 TRACK ☐ 21 TRACK
FORMAT: SEG ☐ GAPPED ☐ UNGAPPED
PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI
NO. BYTES IN HEADER REC:
NO. BYTES IN RECORD ID:
NO. BYTES PER SCAN:
RECORD NUMBERS: ☐ DEC. ☐ OCT.
GAIN CONSTANT: db
INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE)
FIELD TRACE NOS.:
DATA CHANNEL NOS.: (ON MAG TAPE)
(1) (2) (3) (4) (5) (6) (7)
AUXILIARY DATA:
AUXILIARY CHANNEL NOS.:

PARAMETER
RECORD LENGTH: sec.
SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms.
GAIN MODE: ☐ INITIAL ☐ MANUAL ☐ IFP ☐ FINAL ☐ OPERATE
FILTERS: LO CUT FREQ. HZ SLOPE; HI CUT FREQ. HZ SLOPE; NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY
MODE: ☐ FLOAT ☐ AMPLIFIER ☐ AGC ☐ DEFLOAT ☐ DIRECT
INITIAL GAIN: db
TRIP SENS: db
POLARITY CONVENTION:
PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE } NUMBERS ON MAG. TAPE
☐ DOWNBREAK ☐ 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: ☐ DYNAMITE ☐ VIBROSEIS ☐ OTHER
PATTERN:
NO. OF POSITIONS:
INLINE SPACING:
LATERAL SPACING:
STAGGER:
LENGTH:
WIDTH:
LATERAL OFFSET:
CHG/HOLE:
HOLE DEPTH:
SWEEP POSITION:
SWEEP START:
SWEEP END:
SWEEP LENGTH:
SWEEP TAPER:
PHASE COMP.:

RECEIVER
TYPE:
PATTERN:
NO. OF ELEMENTS:
INCLINE SPACING:
LATERAL SPACING:
CONNECTION:
RESISTANCE: ohms
STAGGER:
LENGTH:
WIDTH:
LATERAL OFFSET:

SPREAD
NO. OF GROUPS:
GROUP INTERVAL:
SHOTPOINT INTERVAL:
FOLD:
DIRECTION OF PROGRESSION:
OFFSET GROUP 1:
OFFSET GROUP ____:
OFFSET GROUP ____:
OFFSET GROUP 48/96:
LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT (1–5/6)	TR. ___ to ___ REEL NO. (7–12/13–16)	REC.	TR. ___ to ___ REEL NO. (17–22/23–26)	REC.	SHOT SIZE (27–29)	DEPTH (30–32)	NO. (33)	OFFSET (34–37)	DIR.	COP SWITCH	LINE GROUPS	SPREAD SET UP	REMARKS:	CORR. STACK TR 1-48 HT.	REC.	TR 49-96 HT.	REC.
													WEATHER				
													& TEM -60°				
													CAMP MOVE				

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LAND SEISMIC RECORDING LOG

CLIENT: HUSKY
PROSPECT: KUK RIVER
AREA: PET 4
LINE NO: –
PARTY NO: 1182
INST. ENG: BLALOCK
DATE: MO 2 DAY 4 YR 76

INSTRUMENT (9-TRACK)
☐ 1 SYSTEM ☐ 2 SYSTEMS
☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS
TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER
☐ 9 TRACK ☐ 21 TRACK
FORMAT: SEG ☐ GAPPED ☐ UNGAPPED
PACKING DENSITY: (LO) ☐ 556 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI
NO. BYTES IN HEADER REC:
NO. BYTES IN RECORD ID:
NO. BYTES PER SCAN:
RECORD NUMBERS: ☐ DEC. ☐ OCT.
GAIN CONSTANT: db
INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE)
FIELD TRACE NOS.:
DATA CHANNEL NOS.: (ON MAG TAPE)
(1) (2) (3) (4) (5) (6) (7)
AUXILIARY DATA:
AUXILIARY CHANNEL NOS.:

PARAMETER
RECORD LENGTH: sec.
SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms.
GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE
FILTERS: FREQ. LO CUT HZ SLOPE FREQ. HI CUT HZ SLOPE NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY
MODE: ☐ FLOAT ☐ AMPLIFIER ☐ AGC ☐ DEFLOAT ☐ DIRECT
INITIAL GAIN: db
TRIP SENS: db
POLARITY CONVENTION:
PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE
NUMBERS ON MAG. TAPE / ON DISPLAY: ☐ DOWNBREAK ☐ UPBREAK
NOISE REDUCTION:
NOISE THRESHOLD:
CORR. SCALING:
R.C.U. NORM/ALT SW.

CFS I
TYPE STACK:
GATE LENGTH:
RECORD REJECTION:

SOURCE
TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☐ OTHER
PATTERN:
NO. OF POSITIONS:
INLINE SPACING:
LATERAL SPACING:
STAGGER:
LENGTH:
WIDTH:
LATERAL OFFSET:
CHG/HOLE:
HOLE DEPTH:
SWEEP POSITION:
SWEEP START:
SWEEP END:
SWEEP LENGTH:
SWEEP TAPER:
PHASE COMP:

RECEIVER
TYPE:
PATTERN:
NO. OF ELEMENTS:
INCLINE SPACING:
LATERAL SPACING:
CONNECTION:
RESISTANCE: ohms
STAGGER:
LENGTH:
WIDTH:
LATERAL OFFSET:

SPREAD
NO. OF GROUPS:
GROUP INTERVAL:
SHOTPOINT INTERVAL:
FOLD:
DIRECTION OF PROGRESSION:
OFFSET GROUP 1:
OFFSET GROUP____:
OFFSET GROUP____:
OFFSET GROUP 48/96:
LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT (1–56)	TR. ____ to ____ REEL NO. (7–12)	REC. (13–16)	TR. ____ to ____ REEL NO. (17–22)	REC. (23–26)	SHOT SIZE (27–29)	DEPTH (30–32)	NO.	OFFSET (35–37)	DIR.	CDP SWITCH	SPREAD LINE GROUPS	SET UP	REMARKS	CORR. STACK TR 1-48 HY.	REC.	TR 49-96 HY.	REC.
													WEATHER DAY				

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LAND SEISMIC RECORDING LOG

CLIENT: HUSKY
PROSPECT: KUK RIVER
AREA: PET 4
LINE NO: -
DATE: MO 2 DAY 5 YR 77
PARTY NO: 1182
INST. ENG: BLALOCK

INSTRUMENT (9-TRACK)
☐ 1 SYSTEM ☐ 2 SYSTEMS
☐ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS
TYPE: ☐ DFS III ☐ DFS IV ☐ DFS IX ☐ OTHER
☐ 9 TRACK ☐ 21 TRACK
FORMAT: SEG
☐ GAPPED ☐ UNGAPPED
PACKING DENSITY: (LO) ☐ 356 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI
NO. BYTES IN HEADER REC:
NO. BYTES IN RECORD ID:
NO. BYTES PER SCAN:
RECORD NUMBERS: ☐ DEC. ☐ OCT. (1) (2) (3) (4) (5) (6) (7)
GAIN CONSTANT: db
INPUT IMPEDANCE: ohms.

CONFIGURATION (MAG TAPE)
FIELD TRACE NOS.:
DATA CHANNEL NOS.: (ON MAG TAPE)
AUXILIARY DATA:
AUXILIARY CHANNEL NOS.:

PARAMETER
RECORD LENGTH: sec.
SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☐ 2 ms. ☐ ms.
GAIN MODE: ☐ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE
FILTERS: FREQ. LO CUT HZ SLOPE FREQ. HI CUT HZ SLOPE
NOTCH FILTER: ☐ IN ☐ OUT

DISPLAY
MODE: ☐ FLOAT ☐ AMPLIFIER ☐ AGC ☐ DEPLOAT ☐ DIRECT
INITIAL GAIN: db
TRIP SENS: db
POLARITY CONVENTION:
PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE
NUMBERS ON MAG. TAPE / ON DISPLAY: ☐ DOWNBREAK ☐ UPBREAK
NOISE REDUCTION:
NOISE THRESHOLD:
CORR. SCALING:
R.C.U. NORM/ALT SW.

CFS I
TYPE STACK:
GATE LENGTH:
RECORD REJECTION:

SOURCE
TYPE: ☐ DYNAMITE ☐ VIBROSEIS ☐ OTHER
PATTERN:
CHG/HOLE:
HOLE DEPTH:
NO. OF POSITIONS:
SWEEP POSITION:
INLINE SPACING:
SWEEP START:
LATERAL SPACING:
SWEEP END:
STAGGER:
SWEEP LENGTH:
LENGTH:
SWEEP TAPER:
WIDTH:
PHASE COMP:
LATERAL OFFSET:

RECEIVER
TYPE:
CONNECTION:
PATTERN:
RESISTANCE: ohms
NO. OF ELEMENTS:
STAGGER:
INCLINE SPACING:
LENGTH:
LATERAL SPACING:
WIDTH:
LATERAL OFFSET:

SPREAD
NO. OF GROUPS:
OFFSET GROUP 1:
GROUP INTERVAL:
OFFSET GROUP ____:
SHOTPOINT INTERVAL:
OFFSET GROUP ____:
FOLD:
OFFSET GROUP 48/96:
DIRECTION OF PROGRESSION:
LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT (1–5)	SPT.	TR. ____ to ____ REEL NO. (7–12)	REC. (13–16)	TR. ____ to ____ REEL NO. (17–22)	REC. (23–26)	SHOT SIZE (27–29)	DEPTH (30–32)	NO.	OFFSET (33–37)	DIR.	SPREAD CDP SWITCH	LINE GROUPS	SET UP	REMARKS	CORR. STACK TR 1-48 HT.	REC.	TR 49-96 HT.	REC.
														WEATHER DAY				

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LAND SEISMIC RECORDING LOG

CLIENT: HUSKY
PROSPECT: KUK RIVER
AREA: PET 4
LINE NO: KD 03
PARTY NO: 182
INST. ENG: BLALOCK
0700-1200 DRIVE TO LINE
1200-2000 SHOOTING. 2000 TO 2200 DRIVE TO CAMP
DATE: MO 2 DAY 2 YR 72

INSTRUMENT (9-TRACK)
☑ 1 SYSTEM ☐ 2 SYSTEMS
☑ 1-24 & 25-48 ☐ 1-48 & 49-96 ☐ ODDS & EVENS
TYPE: ☐ DFS III ☐ DFS IV ☐ DFS V ☐ OTHER
☐ 9 TRACK ☑ 21 TRACK
FORMAT SEQ: MAC
☐ GAPPED ☐ UNGAPPED
PACKING DENSITY: (LO) ☑ 556 BPI ☐ 800 BPI (HI) ☐ 712 BPI ☐ 1600 BPI
NO. BYTES IN HEADER REC:
NO. BYTES IN RECORD ID:
NO. BYTES PER SCAN:
RECORD NUMBERS: ☐ DEC. ☑ OCT. (1) (2) (3) (4) (5) (6) (7)
GAIN CONSTANT: 30 db
INPUT IMPEDANCE: 500 ohms.

CONFIGURATION (MAG TAPE)
FIELD TRACE NOS.: 1-48
DATA CHANNEL NOS.: 1-48 (ON MAG TAPE)
AUXILIARY DATA:
AUXILIARY CHANNEL NOS.:

PARAMETER
RECORD LENGTH: 6 sec.
SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☑ 2 ms. ☐ ___ ms.
GAIN MODE: ☑ FP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE
FILTERS: FREQ. 8 LO CUT HZ SLOPE 36 FREQ. 124 HI CUT HZ SLOPE
NOTCH FILTER: ☐ IN ☑ OUT

DISPLAY
MODE: ☑ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT
INITIAL GAIN: 6 db
TRIP SENS: 6 db
POLARITY CONVENTION:
PRESSURE INCREASE ON GEOPHONE: ☑ NEGATIVE ☐ POSITIVE } NUMBERS ON MAG. TAPE
☑ DOWNBREAK ☐ 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: ☑ DYNAMITE ☐ VIBROSEIS ☐ OTHER
PATTERN:
CHG/HOLE: 50#
HOLE DEPTH: 75'
NO. OF POSITIONS:
SWEEP POSITION:
INLINE SPACING:
SWEEP START:
LATERAL SPACING:
SWEEP END:
STAGGER:
SWEEP LENGTH:
LENGTH:
SWEEP TAPER:
WIDTH:
PHASE COMP:
LATERAL OFFSET:

RECEIVER
TYPE:
CONNECTION:
PATTERN:
RESISTANCE: ohms
NO. OF ELEMENTS:
STAGGER:
INCLINE SPACING:
LENGTH:
LATERAL SPACING:
WIDTH:
LATERAL OFFSET:

SPREAD
NO. OF GROUPS: 48
OFFSET GROUP 1:
GROUP INTERVAL:
OFFSET GROUP ___:
SHOTPOINT INTERVAL: 1320
OFFSET GROUP ___:
FOLD: 6
OFFSET GROUP 48/96:
DIRECTION OF PROGRESSION:
LEADING GROUP:

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT (1 INC. 59)	TR. 1 to 48 REEL NO. (7 12 13 16)	REC. (17 22)	TR. ___ to ___ REEL NO. (23 26)	REC.	SHOT SIZE (27 29)	DEPTH (30 32)	NO. (33 35)	OFFSET (36 37)	DIR.	CDP SWITCH	SPREAD LINE GROUPS	SKY UP	REMARKS:	CORR. STACK TR. 1-48 HT.	REC.	TR. 49-96 HT.	REC.
68	5 4 3 5 6 3	1052			150	175	11			1/1		1	UH-19				
67		1053			150	175	12			1/5			UH-15				
66		1054			150	175	13			1/9			UH-18				
65		1055			150	175	14			1/13			UH-16				
64		1056			150	175	15			1/17			UH-18				
63		1057			150	175	16			1/21			UH-16				
62		1060			150	175	17			1/25			UH-19				
61		1061			150	175	18			1/29			UH-19				
60		1062			150	175	19			1/33			UH-18				
59		1063			150	175	10			1/37			UH-15				
58		1064			150	175	11			1/41			OFFSET 495' NORTH UH-19				
57		1065			150	175	12			1/45			UH-17				
56		1066			150	175	13			1/49			UH-15				
55		1067			150	175	14			1/1		2	UH-19				
54		1070			150	175	15			1/5			UH-15				
53		1071			150	175	16			1/9			071 NR UH-16				
52		1073			150	175	17			1/13			UH-18				
51		1074			150	175	18			1/17			UH-19				
50		1075			150	175	19			1/21			UH-18				
49		1076			150	175	20			1/25			UH-15				

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LAND SEISMIC RECORDING LOG

CLIENT: HUSKY OIL	PROSPECT: NPR 4	KUK RIVER	LINE NO: 03-77
PARTY NO: 1182	INST. ENG: W. WELCOME	0700 - 0800 DRIVING LINE; CABLES, JUGS, TESTS 1030 - 1930 SHOOTING 2100 IN CAMP.	DATE: MO 02 DAY 08 YR 77

INSTRUMENT (9-TRACK): ☒ 1 SYSTEM ☐ 2 SYSTEMS; ☒ 1-24 & 25-48 ☐ 1-48 & 49-96; ☐ ODDS & EVENS; TYPE: ☐ DFS III ☒ DFS IV ☐ DFS V ☐ OTHER; ☐ 9 TRACK ☒ 21 TRACK; FORMAT: SEG; ☐ GAPPED ☐ UNGAPPED; PACKING DENSITY: [LO] ☒ 556 BPI ☐ 800 BPI [HI] ☐ 712 BPI ☐ 1600 BPI

NO. BYTES IN HEADER REC: NO. BYTES IN RECORD ID: NO. BYTES PER SCAN: RECORD NUMBERS: ☐ DEC. ☒ OCT. GAIN CONSTANT: 30 db INPUT IMPEDANCE: 500 ohms

CONFIGURATION (MAG TAPE) FIELD TRACE NOS.: 1-48 DATA CHANNEL NOS.: 1-48 (ON MAG TAPE)

AUXILIARY DATA: (1) ~~FRB~~ (2) BTH (3) TLO (4) PRUH (5) PATB (6) IRHZ (7) RN
AUXILIARY CHANNEL NOS.: 4 5 8 49 50 51 52

PARAMETER RECORD LENGTH: 6 sec. SAMPLE RATE: ☐ 1 ms. ☐ 4 ms. ☒ 2 ms. ☐ ms. GAIN MODE: ☒ IFP ☐ INITIAL ☐ FINAL ☐ MANUAL ☐ OPERATE FILTERS: FREQ. 8 LO CUT HZ SLOPE 36 FREQ. 124 HI CUT HZ SLOPE NOTCH FILTER: ☐ IN ☒ OUT

DISPLAY MODE: ☒ AGC ☐ FLOAT ☐ DEFLOAT ☐ AMPLIFIER ☐ DIRECT INITIAL GAIN: 0 db TRIP SENS: 6 db POLARITY CONVENTION: PRESSURE INCREASE ON GEOPHONE: ☐ NEGATIVE ☐ POSITIVE NUMBERS ON MAG. TAPE: ☒ DOWNBREAK ☐ 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: ☒ DYNAMITE ☐ VIBROSEIS ☐ OTHER PATTERN: SINGLE HOLE NO. OF POSITIONS: INLINE SPACING: LATERAL SPACING: STAGGER: LENGTH: WIDTH: LATERAL OFFSET:
CHG/HOLE: 50 HOLE DEPTH: BOTTS SWEEP POSITION: SWEEP START: SWEEP END: SWEEP LENGTH: SWEEP TAPER: PHASE COMP:

RECEIVER TYPE: PATTERN: IN LINE NO. OF ELEMENTS: INCLINE SPACING: LATERAL SPACING:
CONNECTION: RESISTANCE: ohms STAGGER: LENGTH: WIDTH: LATERAL OFFSET:

SPREAD NO. OF GROUPS: 48 GROUP INTERVAL: 330. SHOTPOINT INTERVAL: 1320 FOLD: 6 DIRECTION OF PROGRESSION: S
OFFSET GROUP 1: OFFSET GROUP 24: 165. OFFSET GROUP 25: 165 OFFSET GROUP 48/96: LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION: #1 #25 #24 #48 330

SHOTPOINT	TR. 1 to 48 REEL NO.	REC.	TR. to REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	SPREAD LINE GROUPS	SET UP	REMARKS: RNS 0011-0118 USED FOR TESTS.	CORR. STACK TR 1-48 HT.	REC.	TR 49-96 HT.	REC.
1048	5435663	0114			50	75	01	2000	N	1/1		1	UHT 15MS				
47		0115			50	75	02			1/5			UHT 20MS				
46		0116					03			1/9			TRACE 23 DEAD. UHT 15MS				
45		0117					04			1/13			TRACE 19 DEAD. UHT 19MS				
44		0120					06			1/17			TRACE 15 DEAD UHT 18MS				
~~43~~		~~0121~~					~~06~~			~~1/21~~							
											REEL CHANGE						
43	5435564	0002					06			1/21			RN 0001 NR UHT-15MS				
42		0003					07			1/25			UHT-14MS				
41		0004					08			1/29			UHT-15MS				
40		~~0005~~					09			1/33			RN 0005 NR UHT-17MS				
39		0007					10			1/37			UHT-17MS				
38		0010					11			1/41			UHT-18MS				
37		0011					12			1/45			TRACE ~~36~~ 46 DEAD. UHT-19MS				
36		0012					13			1/49			TRACE 42 DEAD. UHT-15MS				
35		0013					14			1/1		2	INST MOVE UHT-15MS				
34		0014					15			1/5			UHT-15MS				
33		0015					16			1/9			TRACE 3 PARTLY DEAD. UHT-15MS				
32		0016					17			1/13			UHT-17MS				
31		0017					18			1/17			UHT-20MS				

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LAND SEISMIC RECORDING LOG

CLIENT: HUSKY OIL | PROSPECT: NPR #4 | AREA: KUK RIVER | LINE NO: 03

PARTY NO: 1182 | INST. ENG: W. WELCOME | DATE: MO 02 DAY 08 YR 77

INSTRUMENT (9-TRACK)
[X] 1 SYSTEM [X] 1-24 & 25-48 [ ] ODDS [ ] EVENS
[ ] 2 SYSTEMS [ ] 1-48 & 49-96
TYPE: [ ] DFS III [ ] DFS V [X] DFS IV [ ] OTHER
[ ] 9 TRACK [X] 21 TRACK | FORMAT: SEG | [ ] GAPPED [ ] UNGAPPED | PACKING DENSITY: (LO) [X] 556 BPI [ ] 800 BPI (HI) [ ] 712 BPI [ ] 1600 BPI
NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN:
RECORD NUMBERS: [ ] DEC. [X] OCT. | GAIN CONSTANT: 30 db | INPUT IMPEDANCE: 500 ohms.

CONFIGURATION (MAG TAPE)
FIELD TRACE NOS.: 1-48
DATA CHANNEL NOS.: 1-48 (ON MAG TAPE)
AUXILIARY DATA: (1) FT8 (2) TL10 (3) PBUH (4) PBTB (5) 1KHZ (6) RN (7)
AUXILIARY CHANNEL NOS.: 4 8 49 50 51 52

PARAMETER
RECORD LENGTH: 6 sec. | SAMPLE RATE: [ ] 1 ms. [ ] 4 ms. [X] 2 ms. [ ] ___ ms. | GAIN MODE: [X] IFP [ ] INITIAL [ ] FINAL [ ] MANUAL [ ] OPERATE
FILTERS: FREQ. 8 LO CUT HZ SLOPE 36 | FREQ. 124 HI CUT HZ SLOPE ___ | NOTCH FILTER: [ ] IN [X] OUT

DISPLAY
MODE: [X] AGC [ ] FLOAT [ ] DEFLOAT [ ] AMPLIFIER [ ] DIRECT | INITIAL GAIN: 0 db | TRIP SENS: 6 db
POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: [ ] NEGATIVE [ ] POSITIVE | NUMBERS ON MAG. TAPE / ON DISPLAY: [X] DOWNBREAK [ ] UPBREAK

CFS I
TYPE STACK: | GATE LENGTH: | RECORD REJECTION: | NOISE REDUCTION: | NOISE THRESHOLD: | CORR. SCALING: | R.C.U. NORM/ALT SW.

SOURCE
TYPE: [X] DYNAMITE [ ] VIBROSEIS [ ] OTHER
PATTERN: SINGLE HOLE | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:
CHG/HOLE: 50 | HOLE DEPTH: B 75 | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER
TYPE: | PATTERN: INLINE | NO. OF ELEMENTS: | INCLINE SPACING: | LATERAL SPACING:
CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD
NO. OF GROUPS: 48 | GROUP INTERVAL: 330 | SHOTPOINT INTERVAL: 1320 | FOLD: 6 | DIRECTION OF PROGRESSION: S
OFFSET GROUP 1: | OFFSET GROUP 24: 165 | OFFSET GROUP 25: 165 | OFFSET GROUP 48/96: | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT	TR. 1 to 48 REEL NO.	REC.	TR. ___ to ___ REEL NO.	REC.	SHOT SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	SPREAD LINE GROUPS	SET UP	REMARKS	CORR. STACK TR 1-48 HT.	REC.	TR 49-96 HT.	REC.
030	54 35	64 0020			60	170	19			1/21		2	TRACES 43 & 42 NOISY / UHT 18MS				
029		0021					20			1/25			UHT 20MS				
028		0022					21			1/29			TRACE 39 PARTLY DEAD / UHT-14MS				
27		0023					22			1/33			TRACE 35 PARTLY DEAD / UHT-19MS				
26		0024					23	645	S	1/37			SP OFFSET SOUTH 645' / ~~TIMING~~ TIMING LINE / UHT-19MS				
25		0025					24			1/41			PAPER JAM - DPB / TRACE 47 DEAD UHT-				
24		0026					25			1/45			UHT-15				
23		0027			30	46	26	645	N	1/49			SP OFF SET 645' NORTH / UHT-14 DPB				

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LAND SEISMIC RECORDING LOG

CLIENT:	HUSKY
PROSPECT:	KUK RIVER
AREA:	PET 4
LINE NO:	03
PARTY NO:	1182
INST. ENG:	WELCOME
	0700-0900 DRIVE TO LINE — INSTRUMENT TROUBLE — 1330-1730 SHOOTING 1730 PICK UP DRILL — IN CAMP 2100
DATE:	MO 2 DAY 9 YR 72

INSTRUMENT (9-TRACK): [X] 1 SYSTEM [ ] 2 SYSTEMS; [X] 1-24 & 25-48 [ ] 1-48 & 49-96 [ ] ODDS/EVENS; TYPE: [ ] DFS III [X] DFS IV [ ] DFS IX [ ] OTHER; [ ] 9 TRACK [X] 21 TRACK; FORMAT: SEG 7/4C; [ ] GAPPED [ ] UNGAPPED; PACKING DENSITY: (LO) [X] 556 BPI [ ] 800 BPI (HI) [ ] 712 BPI [ ] 1600 BPI

NO. BYTES IN HEADER REC: ; NO. BYTES IN RECORD ID: ; NO. BYTES PER SCAN: ; RECORD NUMBERS: [ ] DEC. [X] OCT.; GAIN CONSTANT: 30 db; INPUT IMPEDANCE: 500 ohms.

CONFIGURATION (MAG TAPE): FIELD TRACE NOS.: 1-48; DATA CHANNEL NOS.: 1-48 (ON MAG TAPE)

AUXILIARY DATA: (1) FTB (2) TL20 (3) PBUH (4) P (5) (6) (7)

AUXILIARY CHANNEL NOS.: 44 8 49 50

PARAMETER: RECORD LENGTH: 6 sec.; SAMPLE RATE: [ ] 1 ms. [ ] 4 ms. [X] 2 ms. [ ] ms.; GAIN MODE: [X] IFP [ ] INITIAL [ ] FINAL [ ] MANUAL [ ] OPERATE; FILTERS: FREQ. 8 LO CUT HZ SLOPE 36; FREQ. 124 HI CUT HZ SLOPE; NOTCH FILTER: [ ] IN [X] OUT

DISPLAY: MODE: [X] AGC [ ] FLOAT [ ] DEFLOAT [ ] AMPLIFIER [ ] DIRECT; INITIAL GAIN: 6 db; TRIP SENS: 2 db; POLARITY CONVENTION: ; PRESSURE INCREASE ON GEOPHONE: [X] NEGATIVE [ ] POSITIVE; NUMBERS ON MAG. TAPE: [X] DOWNBREAK [ ] 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: [X] DYNAMITE [ ] VIBROSEIS [ ] OTHER; PATTERN: SINGLE HOLE; NO. OF POSITIONS: ; INLINE SPACING: ; LATERAL SPACING: ; STAGGER: ; LENGTH: ; WIDTH: ; LATERAL OFFSET: ; CHG/HOLE: 5 B; HOLE DEPTH: 70-80; SWEEP POSITION: ; SWEEP START: ; SWEEP END: ; SWEEP LENGTH: ; SWEEP TAPER: ; PHASE COMP:

RECEIVER: TYPE: ; PATTERN: ; NO. OF ELEMENTS: ; INCLINE SPACING: ; LATERAL SPACING: ; CONNECTION: ; RESISTANCE: ohms; STAGGER: ; LENGTH: ; WIDTH: ; LATERAL OFFSET:

SPREAD: NO. OF GROUPS: 48; GROUP INTERVAL: 330; SHOTPOINT INTERVAL: 1320'; FOLD: 6; DIRECTION OF PROGRESSION: 5; OFFSET GROUP 1: ; OFFSET GROUP ____: ; OFFSET GROUP ____: ; OFFSET GROUP 48/96: ; LEADING GROUP:

DIAGRAMS/MISC. INFORMATION: #48 #25 P #24 330'

SHOTPOINT	REEL NO. (TR. 1 to 48)	REC.	REEL NO. (TR. ____ to ____)	REC.	SIZE	DEPTH	NO.	OFFSET	DIR.	CDP SWITCH	LINE GROUPS	SW	REMARKS: FILE NOS 0030-0051 USED FOR TESTS. HOLE DEPTHS TOP	CORR. STACK TR 1-48 HT.	REC.	TR 49-96 HT.	REC.
22	543	0052			50	7	001	210	E	1/1		1	4HT20				
21		0053				7.5	02			1/5			TRACE 1 NOISY-VEHICAL UHT-15MS				
20		0054				7.5	03	185	N	1/9							
19		0055			1	083	04			1/13							
18		0056					05	495	S	1/17			UHT-18MS				
17		0062 ~~0057~~				7.5	06			1/21			RNS 0057, 0060 & 0061 NR UHT-15MS				
16		0063				7.5	07	200	SE	1/25			UHT-16MS				
15		0064				7.5	08			1/29			UHT-15MS				
14		0065				7.5	09			1/33			~~UHT-19MS~~				
13		0066				7.5	10			1/37			UHT-20MS				
12		0067				7.5	11			1/41			UHT-15MS				
11		0070				7.6	12			1/45			UHT-17MS				
10		0071				7.5	13			1/49			UHT-17MS				
09		0072				7.5	14			1/13		2	INST MOVE TRACE 4 DEAD. UHT-17MS				
08		0073				7.5	15			1/17			UHT-19MS				
07		0074				7.5	16			1/21			UHT-20MS				
06		0075				7.5	17			1/25			UHT-17MS				
05		0076				7.5	18			1/29			UHT-18MS				
04		0077				7.5	19			1/33			TRACE 45 DEAD UHT-15MS				
03		0100					20			1/37			REEL CHANGE ~~UHT~~				

REEL CHANGE ~~HOLE DEPTHS ARE TOP OF CHARGE~~

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LAND SEISMIC RECORDING LOG

CLIENT: HUSKY | PROSPECT: NPR 4 | AREA: KUK RIVER | LINE NO: 03

PARTY NO: | INST. ENG:

DATE: MO 2 DAY 9 YR 77

INSTRUMENT (9-TRACK)
[X] 1 SYSTEM [ ] 2 SYSTEMS | [X] 1-24 & 25-48 [ ] 1-48 & 49-96 | [ ] ODDS & EVENS | TYPE: [ ] DFS III [X] DFS IV [ ] DFS V [ ] OTHER
[ ] 9 TRACK [X] 21 TRACK | FORMAT: SEG | [ ] GAPPED [ ] UNGAPPED | PACKING DENSITY: (LO) [X] 556 BPI [ ] 800 BPI (HI) [ ] 712 BPI [ ] 1600 BPI
NO. BYTES IN HEADER REC: | NO. BYTES IN RECORD ID: | NO. BYTES PER SCAN:
RECORD NUMBERS: [ ] DEC. [X] OCT. | GAIN CONSTANT: 30 db | INPUT IMPEDANCE: 500 ohms.

CONFIGURATION (MAG TAPE)
FIELD TRACE NOS.: 1-48
DATA CHANNEL NOS.: 1-48 (ON MAG TAPE)
AUXILIARY DATA: (1) (2) (3) (4) (5) (6) (7)
AUXILIARY CHANNEL NOS.:

PARAMETER
RECORD LENGTH: 6 sec. | SAMPLE RATE: [ ] 1 ms. [ ] 4 ms. [X] 2 ms. [ ] ms. | GAIN MODE: [X] IFP [ ] INITIAL [ ] FINAL [ ] MANUAL [ ] OPERATE
FILTERS: FREQ. 8 | LO CUT HZ SLOPE 36 | HI CUT FREQ. 124 HZ SLOPE | NOTCH FILTER: [ ] IN [X] OUT

DISPLAY
MODE: [X] AGC [ ] FLOAT [ ] DEFLOAT [ ] AMPLIFIER [ ] DIRECT | INITIAL GAIN: 0 db | TRIP SENS: 6 db
POLARITY CONVENTION: | PRESSURE INCREASE ON GEOPHONE: [ ] NEGATIVE [ ] POSITIVE | NUMBERS ON MAG. TAPE [X] DOWNBREAK [ ] 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: [X] DYNAMITE [ ] VIBROSEIS [ ] OTHER
PATTERN: SINGLE HOLE | NO. OF POSITIONS: | INLINE SPACING: | LATERAL SPACING: | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:
CHG/HOLE: 50 | HOLE DEPTH: TOP 60 | SWEEP POSITION: | SWEEP START: | SWEEP END: | SWEEP LENGTH: | SWEEP TAPER: | PHASE COMP:

RECEIVER
TYPE: | PATTERN: IN LINE | NO. OF ELEMENTS: | INCLINE SPACING: | LATERAL SPACING:
CONNECTION: | RESISTANCE: ohms | STAGGER: | LENGTH: | WIDTH: | LATERAL OFFSET:

SPREAD
NO. OF GROUPS: 48 | GROUP INTERVAL: 330' | SHOTPOINT INTERVAL: 1320' | FOLD: 6 | DIRECTION OF PROGRESSION: S
OFFSET GROUP 1: | OFFSET GROUP 24: 165 | OFFSET GROUP 25: 165 | OFFSET GROUP 48/96: | LEADING GROUP: 48

DIAGRAMS/MISC. INFORMATION:

SHOTPOINT (1–56)	BIT	TR. 1 to 48 REEL NO. (1–12)	REC. (13–16)	TR. ___ to ___ REEL NO. (17–22)	REC. (23–26)	SHOT SIZE (27–29)	DEPTH (30–32)	NO. (33)	OFFSET (35–37)	DIR.	CDP SWITCH	LINE GROUPS	SET UP	REMARKS	CORR. STACK TR. 1-48 HT.	REC.	TR. 49-96 HT.	REC.
02		3143K63												REEL CHANGE				
03		3143K63	00001			150	75	20			1/37		2	TRACE 41 DEAD UHT —				
00			00002				75				1/41			TRACE 37 DEAD; WEAK UP HOLE				
01			00003				75				1/45			TRACE 47 DEAD UHT 15				

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