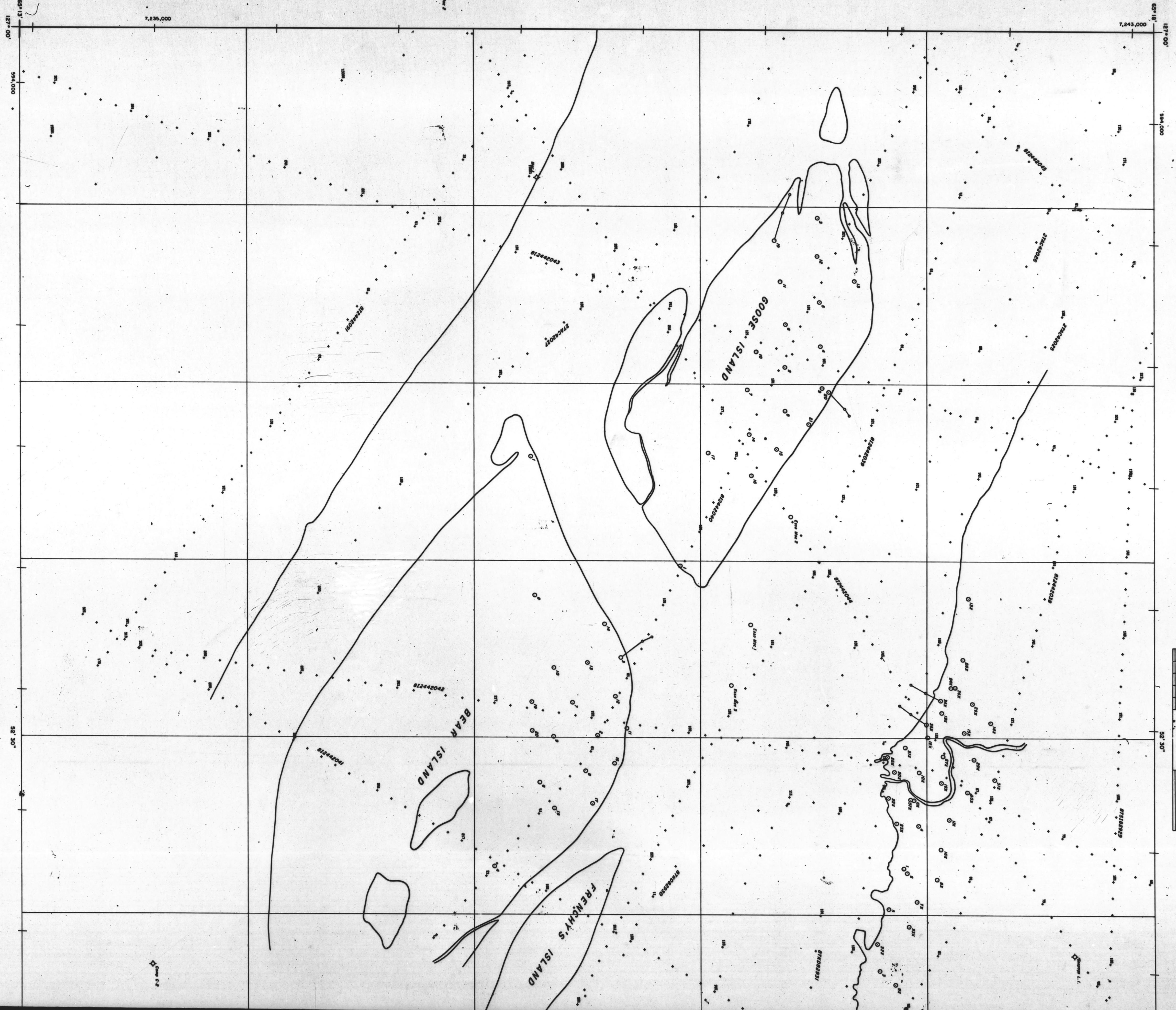


76-5-78-1

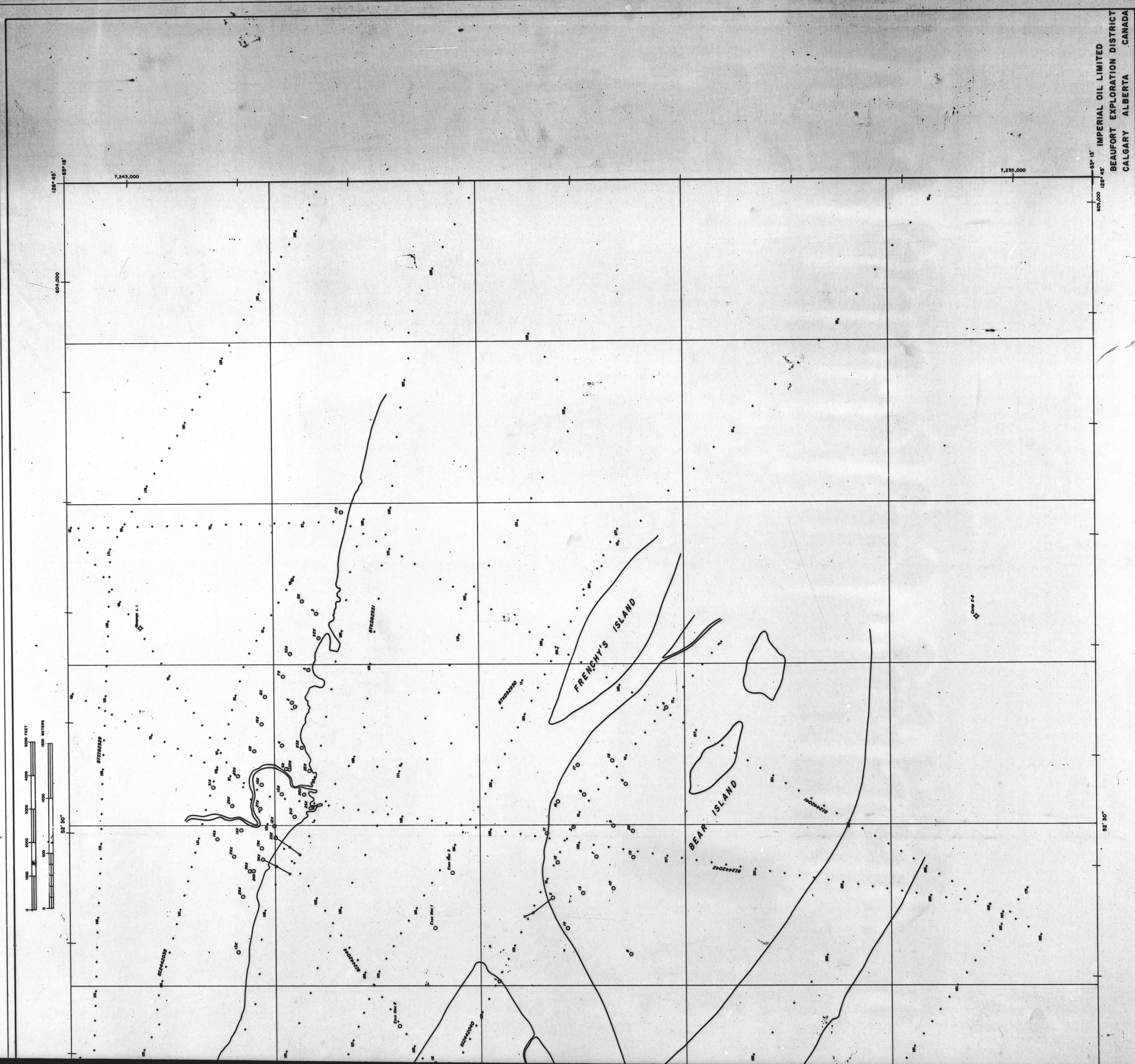
LINE

PROJECT STUDY MAP 1:10,000
NORMAN WELLS

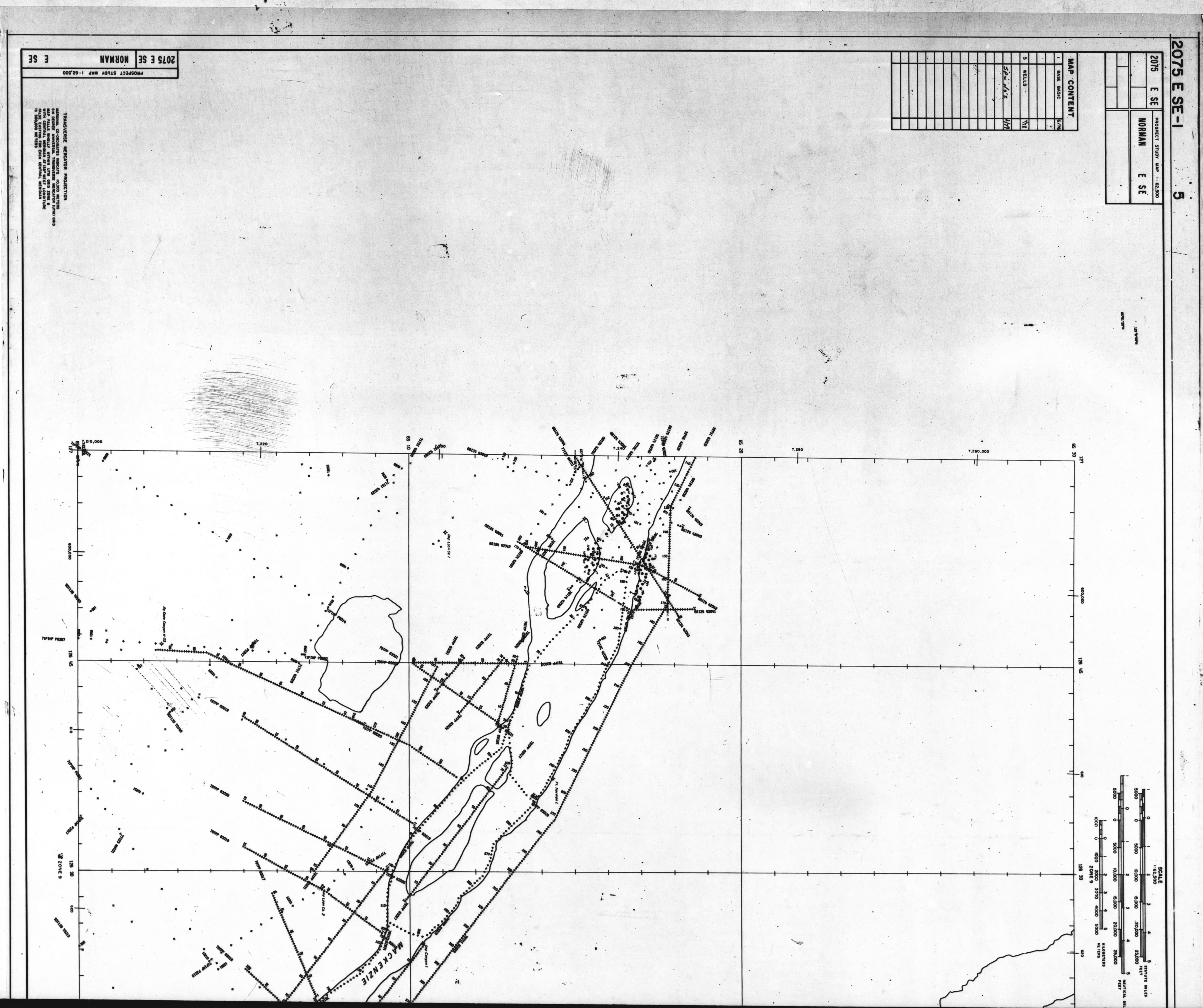


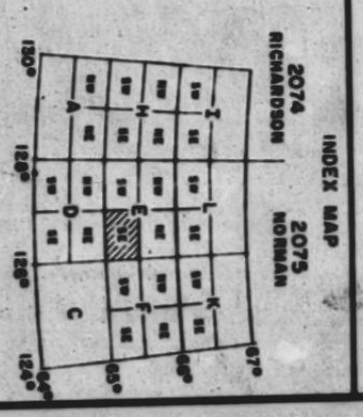
76-5-78-1

LINE



NINE.





IMPERIAL OIL LIMITED
BEAUFORT EXPLORATION DISTRICT
CALGARY ALBERTA CANADA

2075 E SE	NORMAN	E SE
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PROSPECT STUDY	
2075 E SE	NORMAN

127° 00'
65° 18'

65° 18'

7,243,000

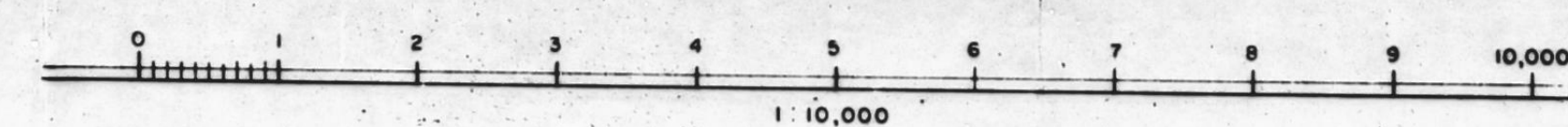
7,234,000
65° 13'

127° 00'

65° 13'

594,000

603,000



NORMAN WELLS
IMPERIAL OIL LIMITED

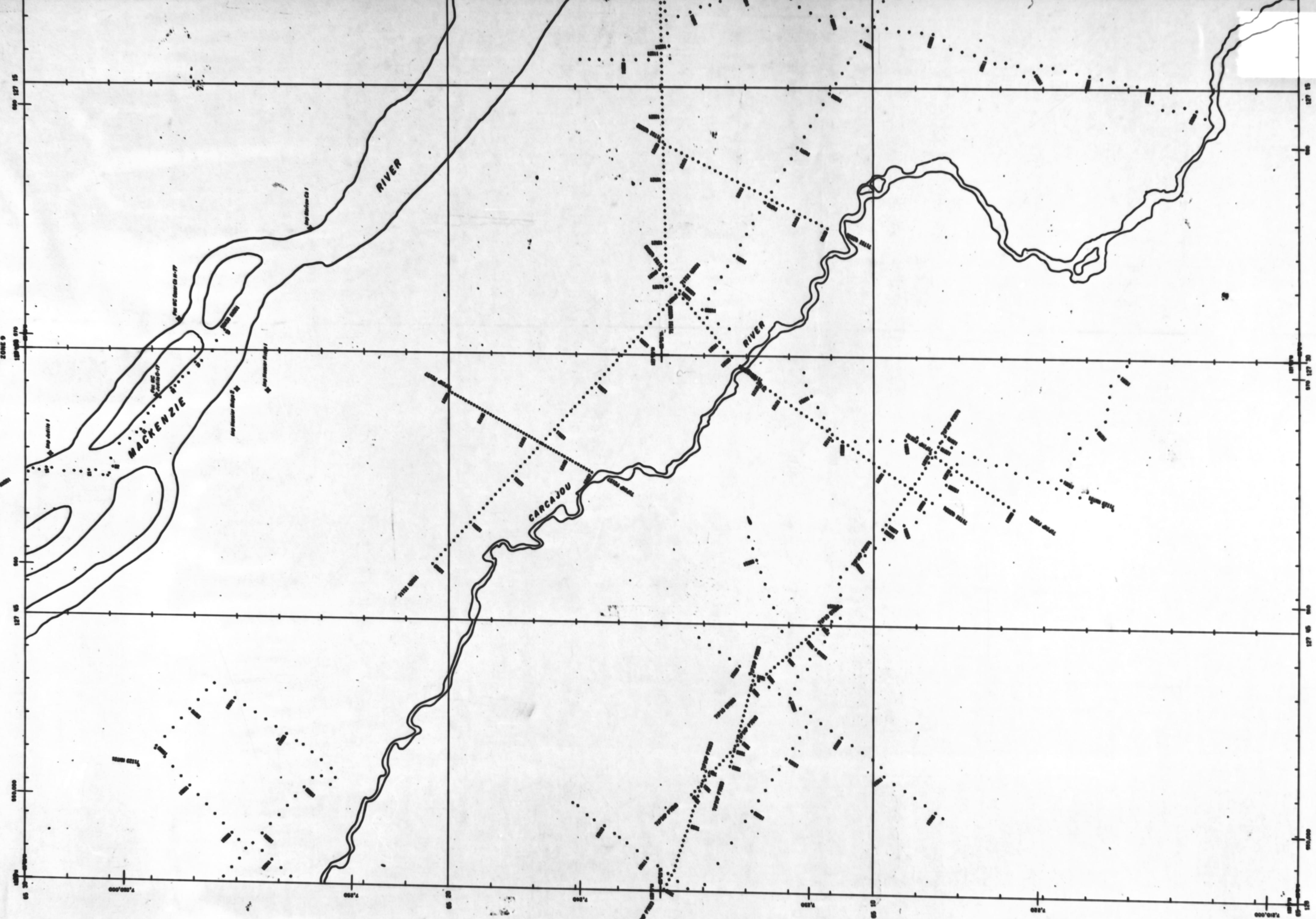
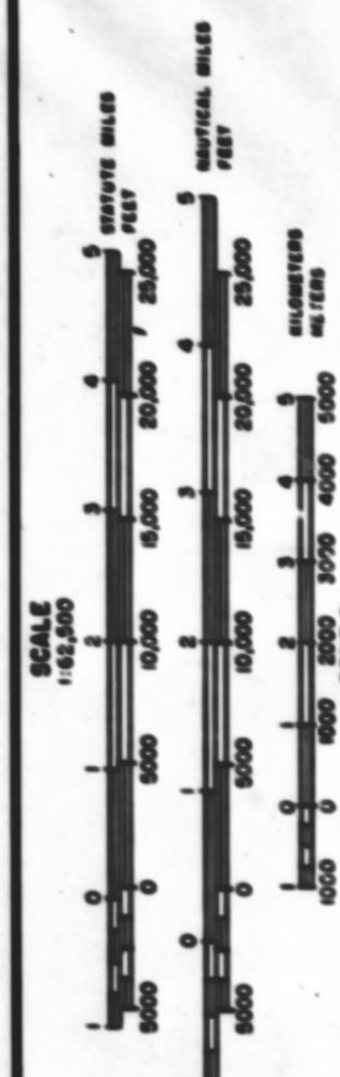
007-06-05-828

LINE

2075 E SW-1 5

PROSPECT STUDY MAP 1:62,500	
2075 E SW	NORMAN E SW

MAP CONTENT	
1	BASE MAP
2	WELLS



PROSPECT STUDY MAP 1:62,500
2075 E SW NORMAN E SW

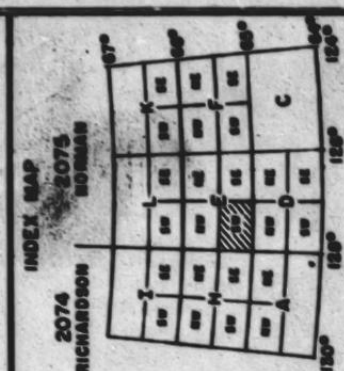
TRANSVERSE MERCATOR PROJECTION
NAD 83 CO-ORDINATE SYSTEM
UNIT: METERS
MAP SCALE: 1:62,500
MAP DATA: 1998
MAP DATE: 1998
MAP BY: J. L. BROWN
MAP NO: 2075 E SW-1

76-5-78-113

76-5-78-13

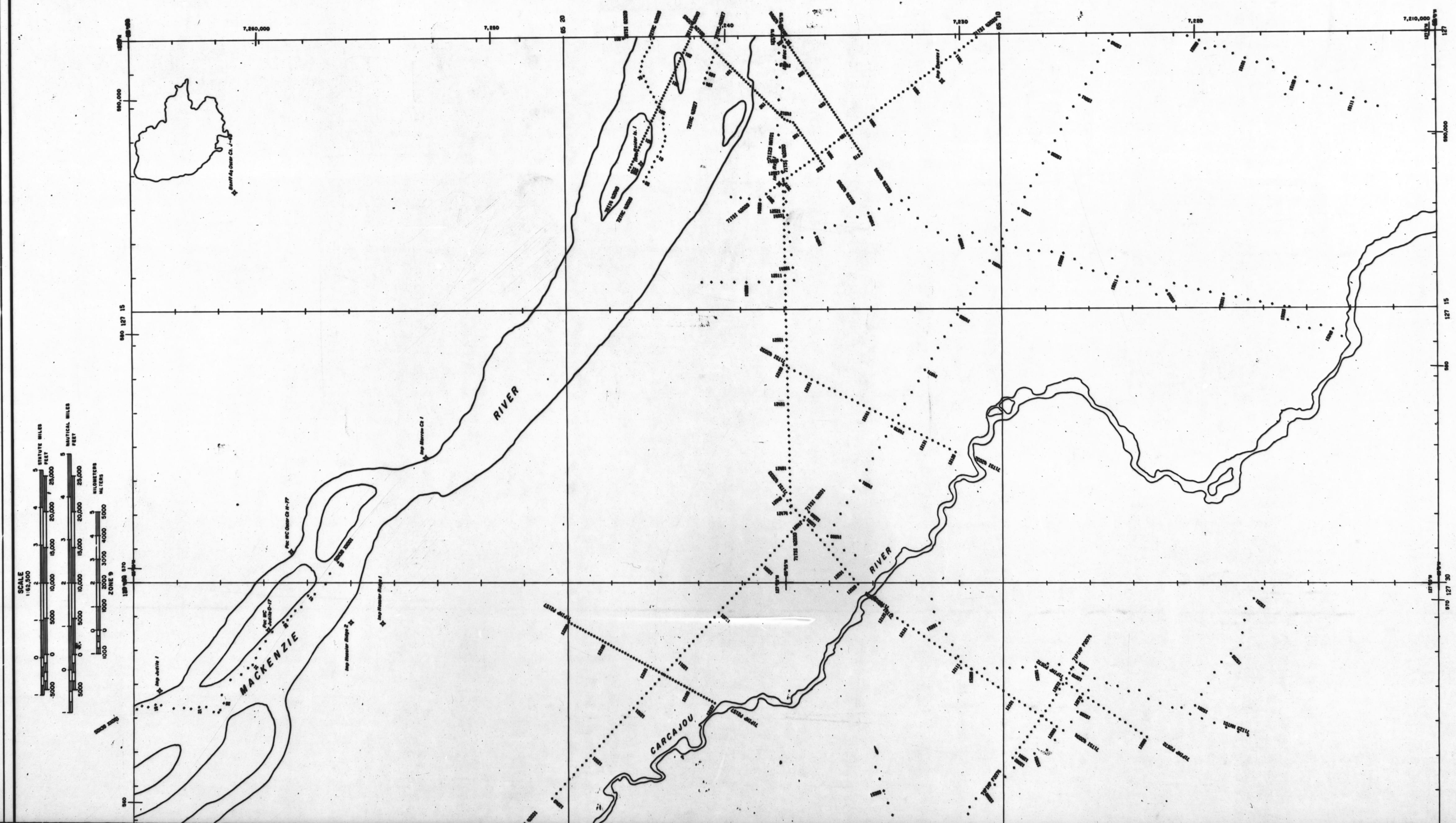
LINE

MAP ISSUED



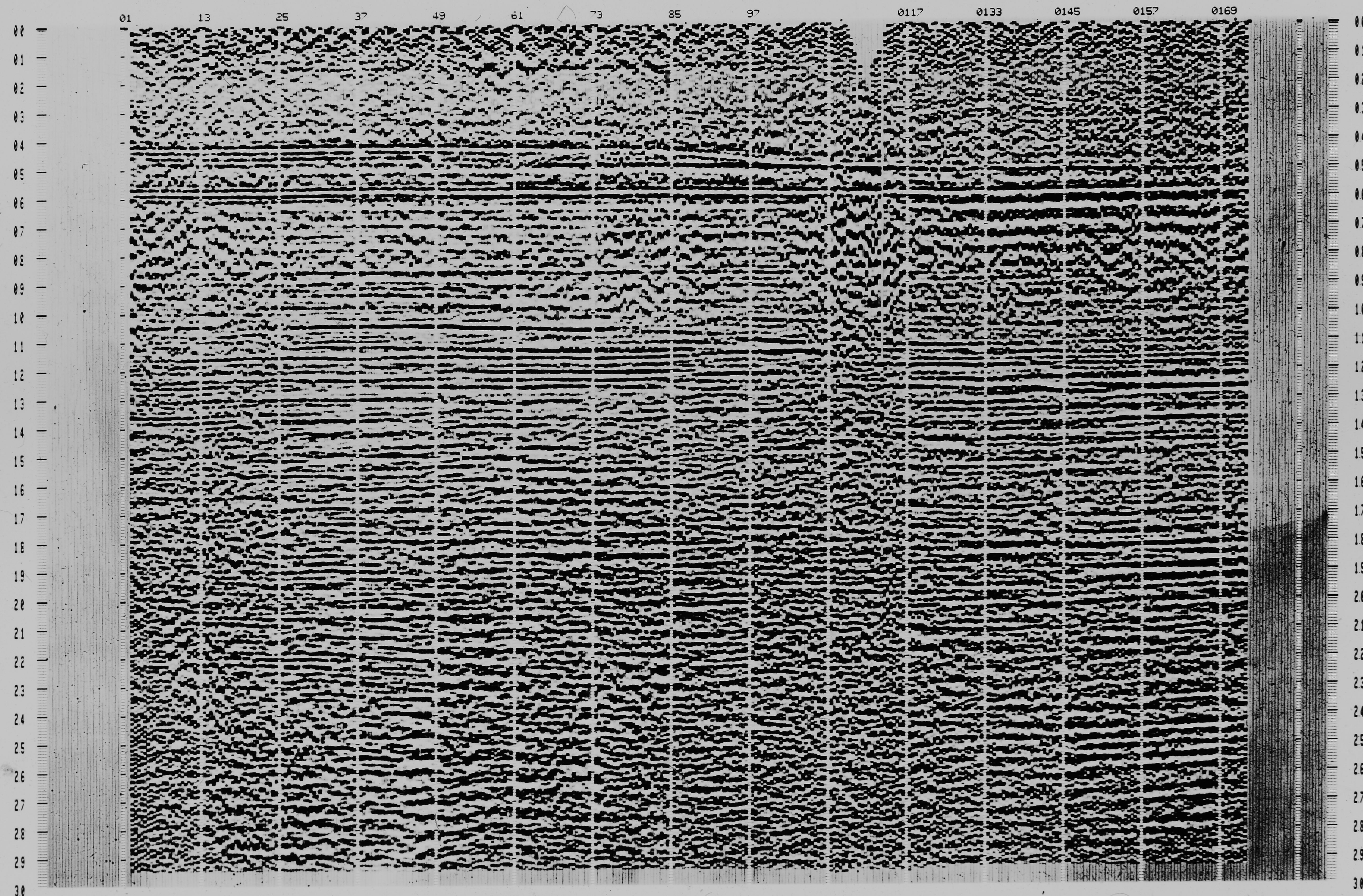
2075 E SW NORMAN
PROSPECT STUDY MAP 1:62,500
E SW

IMPERIAL OIL LIMITED
BEAUFORT EXPLORATION DISTRICT
CALGARY ALBERTA CANADA

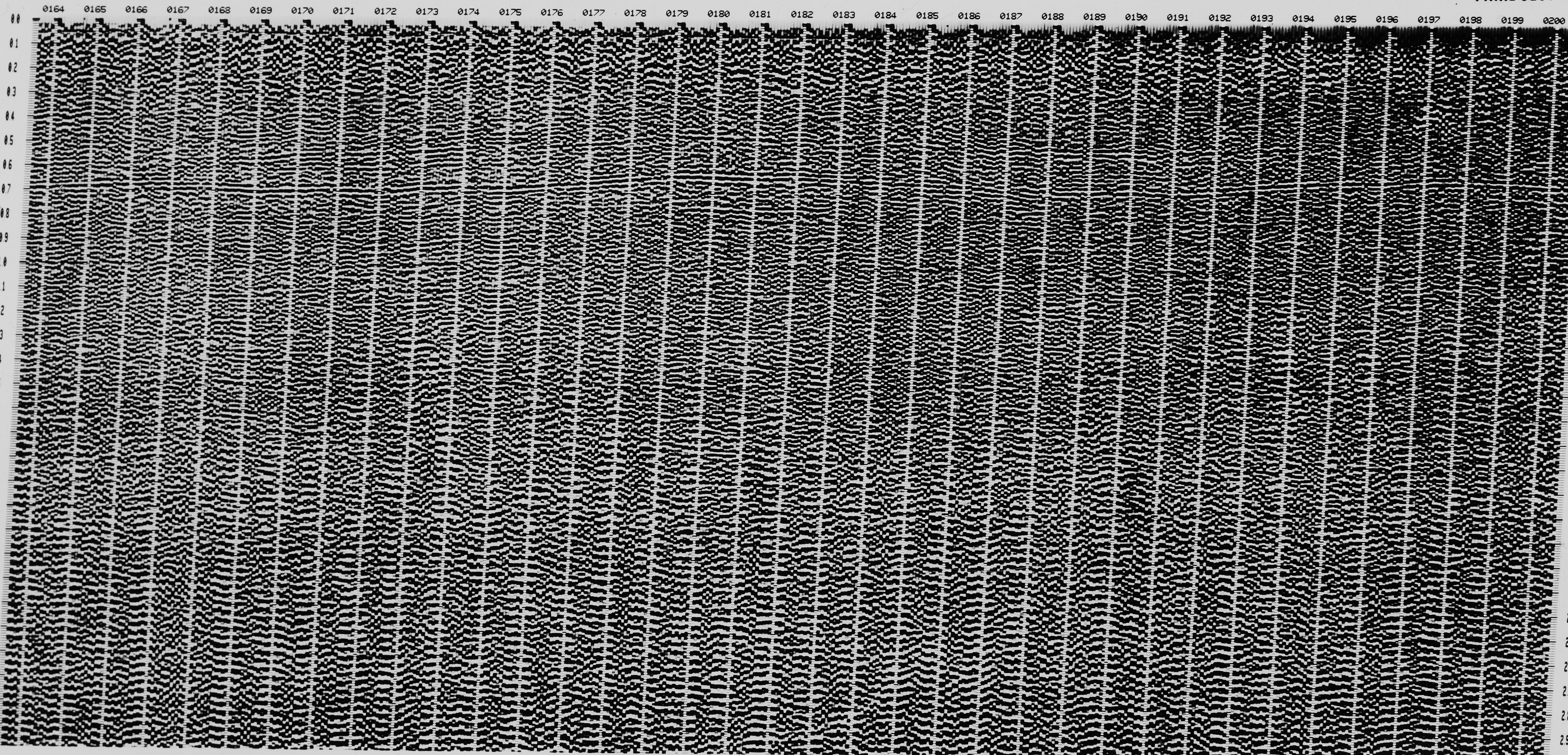


78-124-42091

1 MILE =	
IMPERIAL OIL LTD. GEOPHYSICS. DATA PROCESSING CALGARY, ALBERTA	
LINE 12-124-42091-11 AREA 10-10-11-11	
PART 1 OF 1 DATE 12-12-85	
FIELD RECORDING - LAND	
CONTRACTOR 12-12-85 PTY NO. 12-12-85	
DATE SHOT 12-12-85	
ENERGY SOURCE	
TYPE 12-12-85	
ARRAY 12-12-85 LENGTH 12-12-85	
SHOT INTERVAL 12-12-85	
SURVEY LOCATION	
START OF LINE SP 1 12-12-85 12-12-85 12-12-85	
DIRECTION OF SHOOTING	
GEOPHONES	
TYPE 12-12-85 NO. GROUPS 12-12-85	
GEOPHONES/GROUP 12-12-85 GROUP INTERVAL 12-12-85	
ARRAY 12-12-85 LENGTH 12-12-85	
RECORDING CONFIGURATION 12-12-85 12-12-85 12-12-85	
DISTANCES IN 12-12-85 FEET 12-12-85 METRES	
RECORDING INSTRUMENTS	
SYSTEM 12-12-85 NO. CHANNELS 12-12-85	
FORMAT 12-12-85 GAIN TYPE 12-12-85	
RECORD LENGTH 12-12-85 SEC. SAMPLE RATE 12-12-85 MS.	
RECORD FILTERS LO 12-12-85 HZ SLOPE 12-12-85 DB/OCTAVE	
HI 12-12-85 HZ SLOPE 12-12-85 DB/OCTAVE	
FIELD POLARITY: COMPRESSIONAL WAVE	
RECORDED AS 12-12-85 VALUES	
PROCESSING SEQUENCE	
1 DEMULT	
2 DATUM 12-12-85 DATUM VEL. 12-12-85 FT./SEC.	
3 STATICS 12-12-85	
4 GAIN 12-12-85	
5 VERTICAL SUMMATION 12-12-85 TO 1	
6 HORIZONTAL SUMMATION 12-12-85 TO 1	
7 BINOMIAL TO 12-12-85 MS.	
8 DECON BEFORE STACK 12-12-85	
9 OPERATOR LENGTH 12-12-85 MS.	
10 DESIGN GATE 12-12-85 MS.	
11 FILTER 12-12-85	
12 VELOCITY ANALYSIS 12-12-85	
13 NMO 12-12-85	
14 FOLD COP STACK. 50 INTERVAL 50 FT	
15 DECON AFTER STACK 12-12-85	
16 OPERATOR LENGTH 12-12-85 MS.	
17 DESIGN GATE 12-12-85 MS.	
18 FILTER 12-12-85	
19 PHASE CORRECTION FILTER 12-12-85	
20 TRACE NORMALIZE 12-12-85	
21 AGC 12-12-85 MS.	
DISPLAY PARAMETERS	
TAPE NAME (OUT) 12-12-85	
PROCESSED BY 12-12-85	
REMARKS	
D1 - 2640 FT D1 - 2640 FT	
SHOT POINT NUMBERS ARE IN 44-10-85	
OF 4. 1 TO 173 BY 4	
COINCIDENT SPS 117 4-121	



101977
#42027
STRUC1



FIELD RECORDING - LAND

CONTRACTOR: PTY NO:
DATE SHOT:

ENERGY SOURCE
TYPE:
ARRAY: LENGTH:
SHOT INTERVAL:

SURVEY LOCATION
START OF LINE:
DIRECTION OF SHOOTING:

GEOPHONES
TYPE: NO. GROUPS:
GEOPHONES/GROUP: GROUP INTERVAL:
ARRAY: LENGTH:

RECORDING CONFIGURATION
DISTANCES IN: ☐ FEET ☐ METRES

RECORDING INSTRUMENTS
SYSTEM: NO. CHANNELS:
FORMAT: GAIN TYPE:
RECORD LENGTH: SEC. SAMPLE RATE: MS.
RECORD FILTERS: LO HZ SLOPE DB/OCTAVE
HI HZ SLOPE DB/OCTAVE

FIELD POLARITY: COMPRESSIONAL WAVE
RECORDED AS: VALUES

PROCESSING SEQUENCE

☐ DEFAULT DATUM: VEL: FT./SEC.
☐ STATICS:
☐ STATICS: WITH/OUT STRUCTURE
☐ GAIN: ☐ EXPONENTIAL ☐ GEOCOR

☐ VERTICAL SUMMATION: TO 1
☐ HORIZONTAL SUMMATION: TO 1
☐ BINNING TO: MS.
☐ DECON BEFORE STACK: MS.
☐ OPERATOR LENGTH: MS.
☐ DESIGN GATE: MS.
☐ FILTER: MS.
☐ VELOCITY ANALYSIS:
☐ FOLD CDP STACK: SB INTERVAL
☐ DECON AFTER STACK: MS.
☐ OPERATOR LENGTH: MS.
☐ DESIGN GATE: MS.
☐ FILTER: MS.

PHASE CORRECTION FILTER
TRACE NORMALIZE
AGC: MS.

DISPLAY PARAMETERS
TR./INCH: POLARITY:
NAME (OUT):
PROCESSED BY:

REMARKS

1 MILE

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33

SP.

IMPERIAL OIL LTD.

GEOPHYSICS. DATA PROCESSING
CALGARY, ALBERTALINE 78-124-42038 (1) AREA NORTH WELLSPART ONE OF ONE DATE 78-09-20

FIELD RECORDING - LAND

CONTRACTOR GSI PTY NO. 78 124
DATE SHOT APR 9 1978

ENERGY SOURCE

TYPE GEODEL
ARRAY LINEAR LENGTH _____
SHOT INTERVAL 440 FT

SURVEY LOCATION

START OF LINE SP33 LAT 65-18 LONG 126-50
DIRECTION OF SHOOTING NORTHWEST

GEOPHONES

TYPE MARK NO. GROUPS 48
GEOPHONES/GROUP 5 GROUP INTERVAL 110 FT
ARRAY LINEAR LENGTH 160 FT
1 24 SP 25 48RECORDING CONFIGURATION 24 24 SPLIT
DISTANCES IN ☒ FEET ☐ METRES

RECORDING INSTRUMENTS

SYSTEM IFS IV NO. CHANNELS 52
FORMAT SEG B GAIN TYPE IFP
RECORD LENGTH 3 SEC. SAMPLE RATE 2 MS.
RECORD FILTERS LO 12 HZ SLOPE 12 DB/OCTAVE
HI 12 HZ SLOPE 12 DB/OCTAVEFIELD POLARITY: COMPRESSIONAL WAVE
RECORDED AS NEG VALUES

PROCESSING SEQUENCE

- ☒ DEMULT _____ DATUM VEL. 10000 FT./SEC.
☒ DATUM 0 _____
☒ STATICS CONV-T-COMSTH GATE 400-2400
☒ STATICS HUTSTH GATE 200-1800
☒ GAIN ☐ EXPONENTIAL ☐ GEOPCOR
☒ ☒ NORMAL AGC 500MS
☐ VERTICAL SUMMATION _____ TO 1
☐ HORIZONTAL SUMMATION _____ TO 1
☐ BIMATION TO _____ MS.
☒ DECON BEFORE STACK ☐ LEAST SQUARES
 OPERATOR LENGTH 20 MS.
 DESIGN GATE VARIABLE MS.
☒ FILTER 11-16-60-70
☒ VELOCITY ANALYSIS ☒ LONG SPREAD SINGLE FOLD
☒ NMO _____
☒ 612 FOLD CDP STACK. SB INTERVAL 65 FT
☐ DECON AFTER STACK ☐
 OPERATOR LENGTH _____ MS.
 DESIGN GATE _____ MS.
☐ FILTER 1
☒ 2 2500 7 3500 7 4500 9 5500 9
☐
☐
☐
☒ PHASE CORRECTION FILTER 12 8 2 2
☐ TRACE NORMALIZE _____
☒ AGC 500 MS.

DISPLAY PARAMETERS

24 0 TR./INCH POLARITY NORMAL
 TAPE NAME (OUT) PROD GIP -42038 DBIRSH 10
 PROCESSED BY SEC DBIRSH 10

REMARKS

D1 -2640 FT DL +2640 FT

1 MILE -

LINE

229

SP.

IMPERIAL OIL LTD.

GEOPHYSICS. DATA PROCESSING

CALGARY, ALBERTA

SE

229

SP.

LINE 73-124-42039 12-2 AREA 140R14411ELLE

PART TWO OF TWO DATE 73-09-20

FIELD RECORDING - LAND

CONTRACTOR GSI PTY NO. 73-124

DATE SHOT APR 9 1978

ENERGY SOURCE

TYPE GEODEL

ARRAY LINEAR

SHOT INTERVAL 440 FT

LENGTH

SURVEY LOCATION

START OF LINE SP 1 LAT 55 17 LONG 127 00

DIRECTION OF SHOOTING SOUTHEAST

GEOPHONES

TYPE 144R1 NO. GROUPS 43

GEOPHONES/GROUP 2 GROUP INTERVAL 110 FT

ARRAY LINEAR LENGTH 150 FT

1 24 25 26 43

2530 250 2530 2530

RECORDING CONFIGURATION 24 24 SPLIT

DISTANCES IN FEET METRES

RECORDING INSTRUMENTS

SYSTEM DES IV NO. CHANNELS 53

FORMAT SEG B GAIN TYPE IFF

RECORD LENGTH 3 SEC. SAMPLE RATE 2 MS.

RECORD FILTERS LO 12 HZ SLOPE 13 DB/OCTAVE

HI 12 HZ SLOPE 12 DB/OCTAVE

FIELD POLARITY COMPRESSIONAL WAVE

RECORDED AS 1 NEG VALUES

PROCESSING SEQUENCE

☐ 1	DEMUL T	_____
☐ 8	DATUM	<u>0</u> DATUM VEL. <u>10000</u> FT./SEC.
☐ 6	STATICS	CONST-CONSTA GATE <u>400-2400</u>
☐ 9	STATICS	AUTSTA GATE <u>900-2000</u>
☐ 2	GAIN	☐ EXPONENTIAL ☐ GEOCOR
		☒ NORMAL AGC <u>500MS</u>
☐	VERTICAL SUMMATION	_____ TO <u>1</u>
☐	HORIZONTAL SUMMATION	_____ TO <u>1</u>
☐	BINATION TO	_____ MS.
☐ 4	DECON BEFORE STACK	<u>1</u> LENGTH <u>500</u> SQUARES
	OPERATOR LENGTH	<u>20</u> MS.
	DESIGN GATE	VARIABLE _____ MS.
☐ 5	FILTER	<u>11-15-50-60</u>
☐ 7	VELOCITY ANALYSIS	<u>1</u> LONG SPREAD <u>2</u> SINGLE FOLD
☐ 8	NMO	_____
☐ 10	<u>51.5</u> FOLD COP STACK. SB INTERVAL	<u>55</u> FT
☐	DECON AFTER STACK	<u>1</u>
	OPERATOR LENGTH	_____ MS.
	DESIGN GATE	_____ MS.
☐	FILTER	_____
☐ 3	RISE/FALL	<u>4000</u> <u>2</u> <u>7800</u> <u>1.3</u> <u>5000</u> <u>7</u>
☐		_____
☐		_____
☐		_____
☐		_____
☐ 11	PHASE CORRECTION FILTER	<u>1.2</u> <u>1.8</u> <u>2.2</u>
☐	TRACE NORMALIZE	_____
☐ 11	AGC	<u>500</u> MS.

DISPLAY PARAMETERS

<u>24</u> <u>2</u>	TR./INCH	POLARITY	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u> <u>11</u> <u>12</u> <u>13</u> <u>14</u> <u>15</u> <u>16</u> <u>17</u> <u>18</u> <u>19</u> <u>20</u> <u>21</u> <u>22</u> <u>23</u> <u>24</u> <u>25</u> <u>26</u> <u>27</u> <u>28</u> <u>29</u> <u>30</u> <u>31</u> <u>32</u> <u>33</u> <u>34</u> <u>35</u> <u>36</u> <u>37</u> <u>38</u> <u>39</u> <u>40</u> <u>41</u> <u>42</u> <u>43</u> <u>44</u> <u>45</u> <u>46</u> <u>47</u> <u>48</u> <u>49</u> <u>50</u> <u>51</u> <u>52</u> <u>53</u> <u>54</u> <u>55</u> <u>56</u> <u>57</u> <u>58</u> <u>59</u> <u>60</u> <u>61</u> <u>62</u> <u>63</u> <u>64</u> <u>65</u> <u>66</u> <u>67</u> <u>68</u> <u>69</u> <u>70</u> <u>71</u> <u>72</u> <u>73</u> <u>74</u> <u>75</u> <u>76</u> <u>77</u> <u>78</u> <u>79</u> <u>80</u> <u>81</u> <u>82</u> <u>83</u> <u>84</u> <u>85</u> <u>86</u> <u>87</u> <u>88</u> <u>89</u> <u>90</u> <u>91</u> <u>92</u> <u>93</u> <u>94</u> <u>95</u> <u>96</u> <u>97</u> <u>98</u> <u>99</u> <u>100</u>
	TAPE NAME (OUT)	PROD GUP	<u>42032</u> <u>LIBR51</u> <u>2</u>
	PROCESSED BY	<u>SBC</u> <u>LIBR51</u> <u>2</u>	

REMARKS

D1 -2640 FT DL +2640 FT

1 MILE =

1.8J

1.8J

SP.

IMPERIAL OIL LTD.

GEOPHYSICS. DATA PROCESSING
CALGARY, ALBERTA

1.8J

1.8J

SP.

LINE 78-124-42039 (1) AREA 1401411 WELL

PART ONE OF TWO DATE 78-09-20

FIELD RECORDING - LAND

CONTRACTOR GSI PTY NO. 78-124

DATE SHOT APR 9 1978

ENERGY SOURCE

TYPE GEOGEL

ARRAY LINEAR LENGTH

SHOT INTERVAL 440 FT

SURVEY LOCATION

START OF LINE SP 1 LAT 55-17 LONG 127-00

DIRECTION OF SHOOTING SOUTHEAST

GEOPHONES

TYPE MHR

NO. GROUPS 48

GEOPHONES/GROUP 2 GROUP INTERVAL 110 FT

ARRAY LINEAR LENGTH 160 FT

1 24 25 48

2530 220 2530

RECORDING CONFIGURATION 24 24 SPLIT

DISTANCES IN ☒ FEET ☐ METRES

RECORDING INSTRUMENTS

SYSTEM DES IV NO. CHANNELS 53

FORMAT SEG B GAIN TYPE IFP

RECORD LENGTH 3 SEC. SAMPLE RATE 2 MS.

RECORD FILTERS LO 12 HZ SLOPE 18 DB/OCTAVE

HI 12 HZ SLOPE 22 DB/OCTAVE

FIELD POLARITY: COMPRESSIONAL WAVE

RECORDED AS NEG VALUES

PROCESSING SEQUENCE

☒ 1 DEMULT _____
☒ 2 DATUM 0 _____ DATUM VEL. _____ FT./SEC.
☒ 3 STATICS HITETH _____
☐ STATICS _____
☒ 2 GAIN ☐ EXPONENTIAL ☐ GEOCOR
☒ * NORMAL _____
☐ VERTICAL SUMMATION _____ TO 1
☐ HORIZONTAL SUMMATION _____ TO 1
☐ BINOMIAL TO _____ MS.
☒ 4 DECON BEFORE STACK ☐ LEAST SQUARE
 OPERATOR LENGTH 20 MS.
 DESIGN GATE VARIABLE MS.
☒ 5 FILTER 11-15-60-70
☒ 6 VELOCITY ANALYSIS ☐ LONG SPREAD SINGLE FOLD
☒ 7 NMO _____
☒ 8 515 FOLD CDP STACK. SB INTERVAL 55 FT
☐ DECON AFTER STACK _____
 OPERATOR LENGTH _____ MS.
 DESIGN GATE _____ MS.
☐ FILTER _____
☒ 3 FILE FIL 4500 9 2500 15
☐ _____
☐ _____
☐ _____
☐ _____
☒ 10 PHASE CORRECTION FILTER 12 18 2 2
☐ TRACE NORMALIZE _____
☒ 10 AGC 600 MS.

DISPLAY PARAMETERS

24 0 TR./INCH POLARITY NORMAL
 TAPE NAME (OUT) PROD CDP #42039 DEIRSI 10
 PROCESSED BY SBC DEIRSI 10

REMARKS

D1 2640 FT D1 42640 FT

1
MILE

SP. IMPERIAL OIL LTD. SP.
GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA

LINE 42025 AREA 1000000
PART 1 DATE 12-18-77

FIELD RECORDING - LAND

CONTRACTOR IMPERIAL PTY NO. 100
DATE SHOT 12-18-77

ENERGY SOURCE
TYPE EXPLOSIVE
ARRAY LINEAR LENGTH 5000
SHOT INTERVAL 5000

SURVEY LOCATION
START OF LINE 1000000
DIRECTION OF SHOOTING SOUTHWEST

GEOPHONES
TYPE TYPE 1 NO. GROUPS 12
GEOPHONES/GROUP 100 GROUP INTERVAL 100
ARRAY LINEAR LENGTH 5000

RECORDING CONFIGURATION
DISTANCES IN ☐ FEET ☐ METRES

RECORDING INSTRUMENTS
SYSTEM ANALOG NO. CHANNELS 12
FORMAT SEI 12 GAIN TYPE 100
RECORD LENGTH 2 SEC. SAMPLE RATE 2 MS.
RECORD FILTERS LO HZ SLOPE DB/OCTAVE
H1 HZ SLOPE DB/OCTAVE

FIELD POLARITY: COMPRESSIONAL WAVE
RECORDED AS VALUES

PROCESSING SEQUENCE

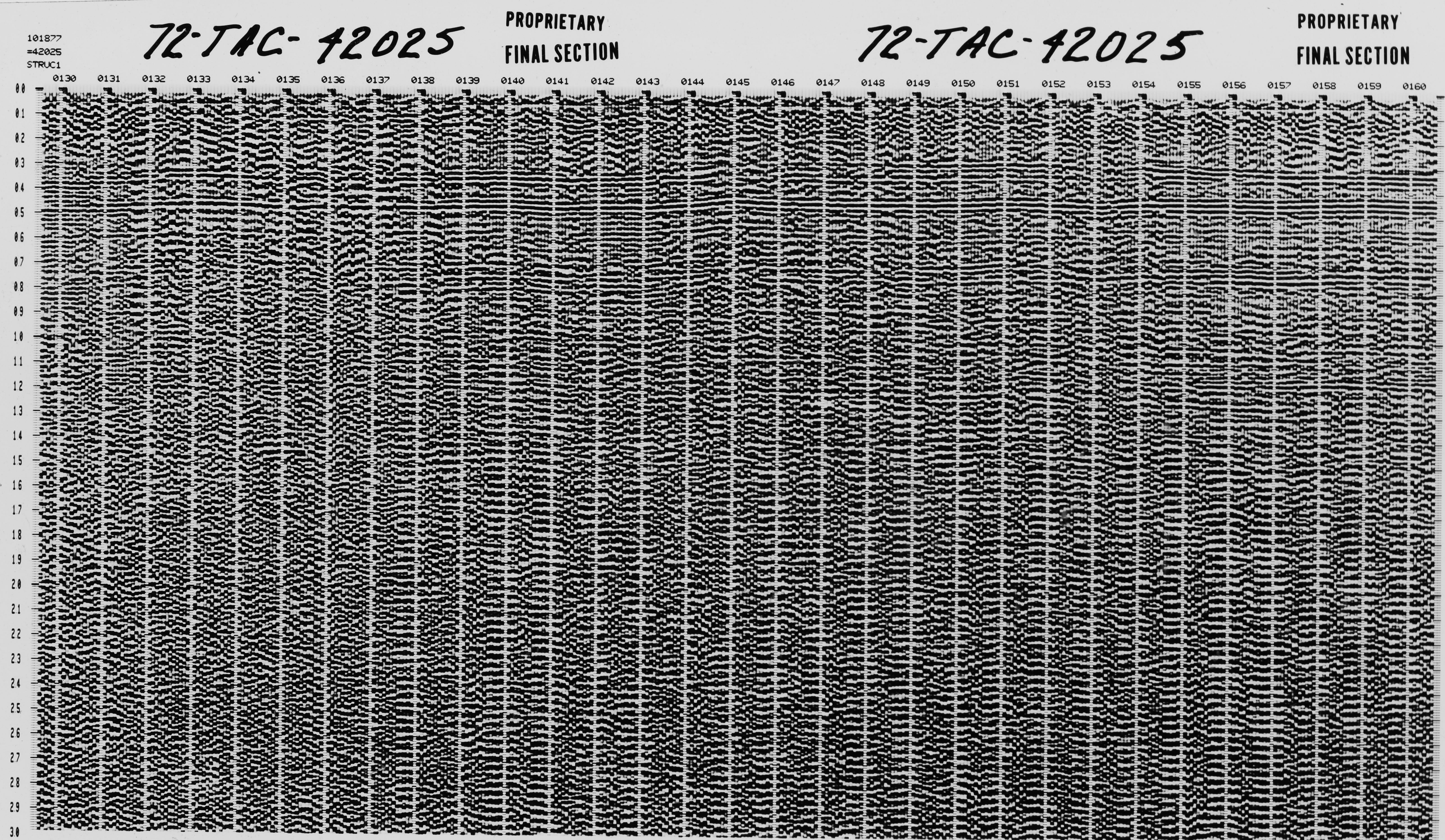
☐ DEMULT
☐ DATUM 5000 DATUM VEL. 10000 FT./SEC.
☐ STATICS LINE
☐ STATICS STRONG WINDOW AND SPECTRUM
☐ GAIN ☐ EXPONENTIAL ☐ GEOR

☐ VERTICAL SUMMATION TO 1
☐ HORIZONTAL SUMMATION TO 1
☐ BINATION TO MS.
☐ DECON BEFORE STACK REVER
☐ OPERATOR LENGTH 10 MS.
☐ DESIGN GATE 5000 MS.
☐ FILTER # 10000000
☐ VELOCITY ANALYSIS 1
☐ FOLD COP STACK. SB INTERVAL 1000
☐ DECON AFTER STACK 1
☐ OPERATOR LENGTH MS.
☐ DESIGN GATE MS.
☐ FILTER # 1

☐ PHASE CORRECTION FILTER 1
☐ TRACE NORMALIZE 1
☐ AGC 5000 MS.

DISPLAY PARAMETERS
TR./INCH 100 POLARITY 10000
TAPE NAME (OUT) PROD OF 42025 STRUC1
PROCESSED BY E. STANLEY

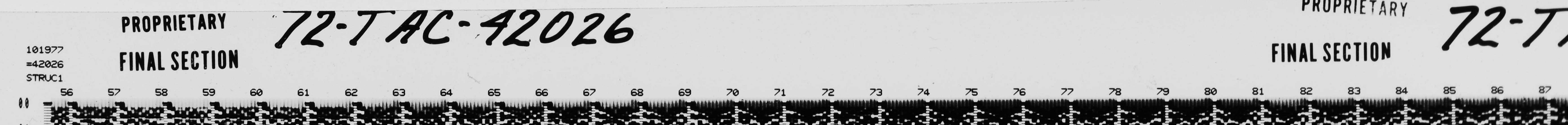
REMARKS
72-TAC-42025 RECDP
RIVER SHOOTING
HP-7777777777
LOG ORDER-D-531



1
MILE

SP. IMPERIAL OIL LTD. SP.
GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA

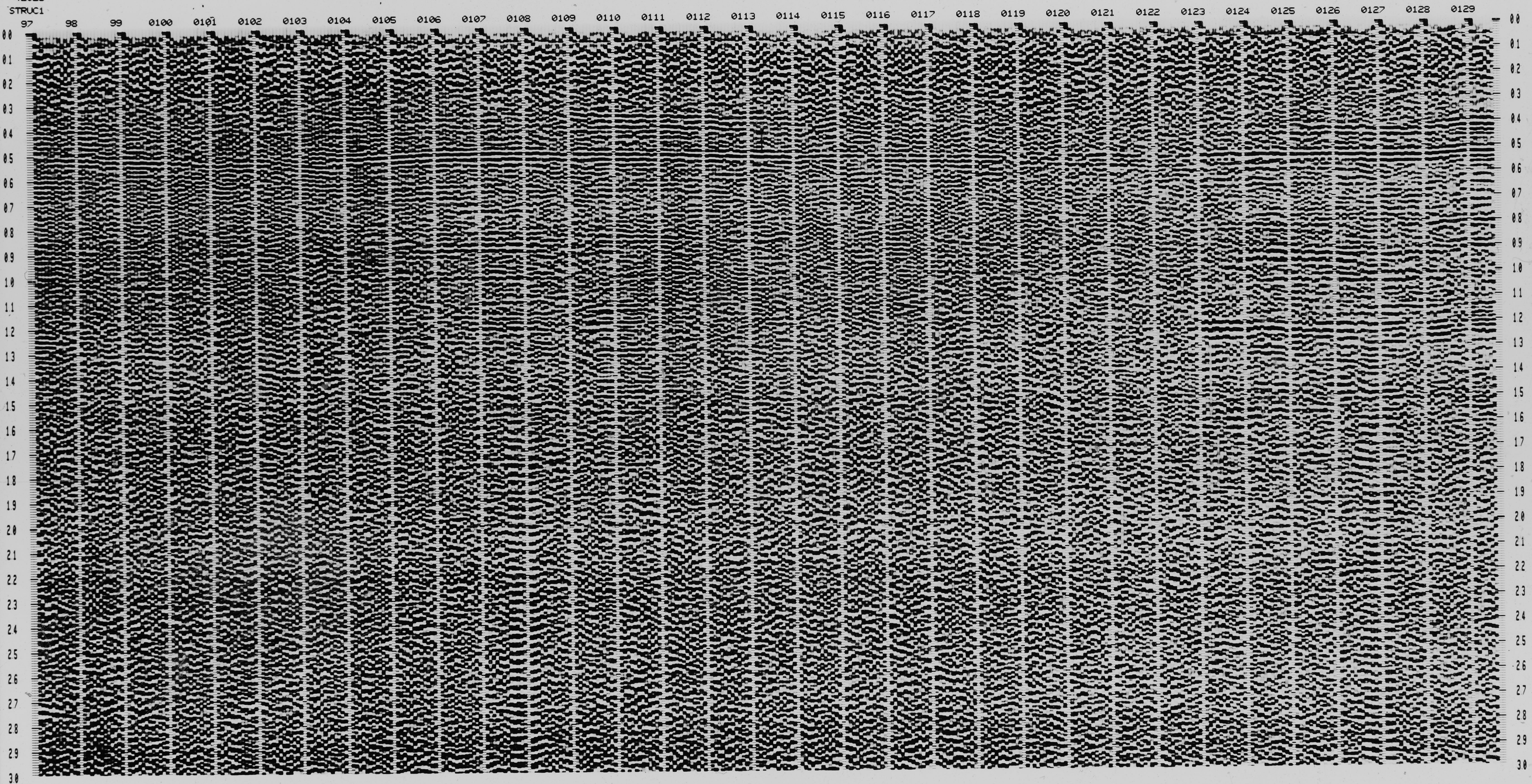
LINE 42026 AREA 1000000



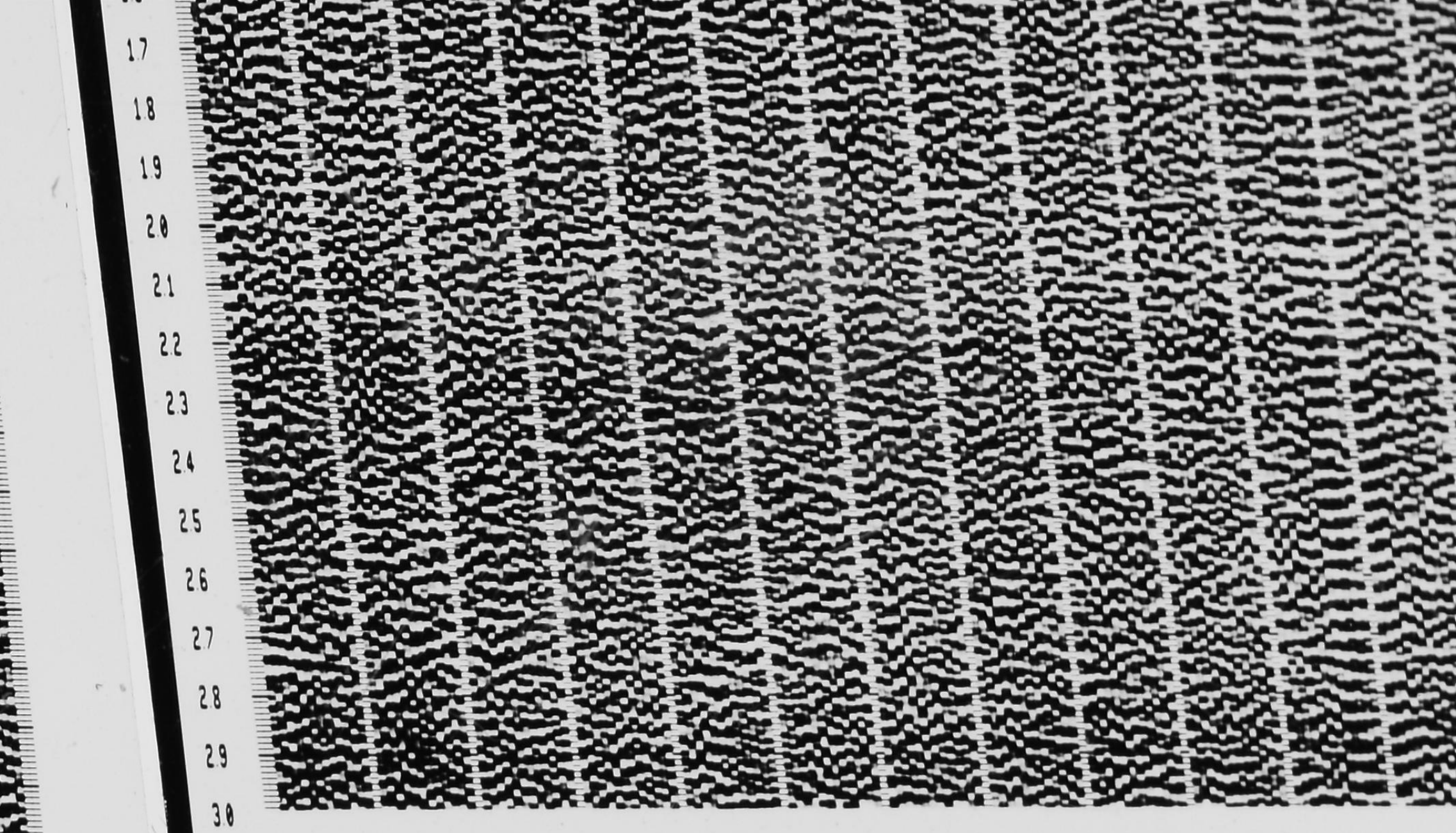
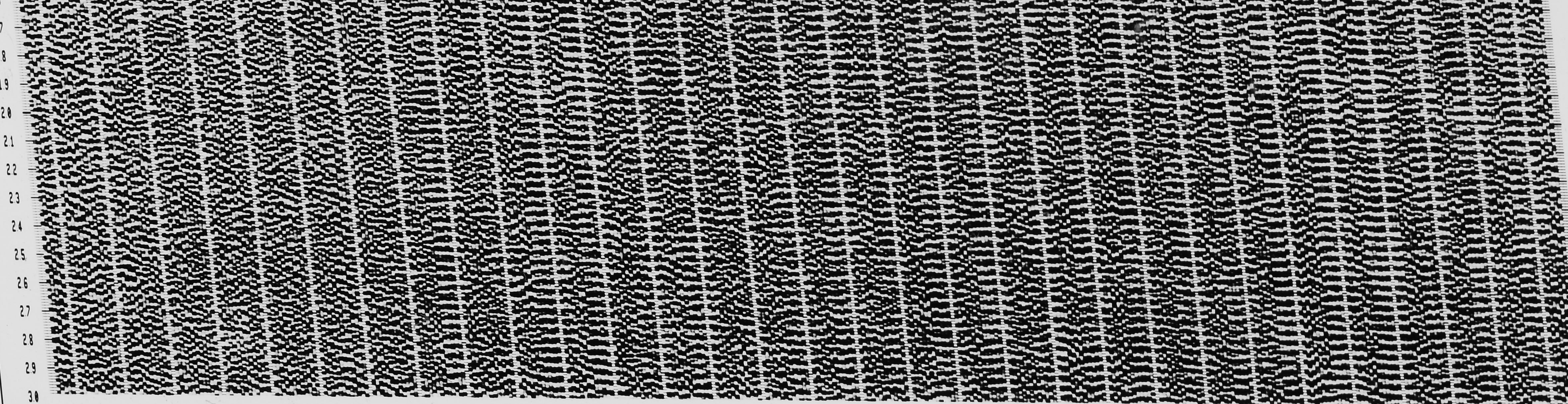
PROPRIETARY
FINAL SECTION

72-TAC-42026

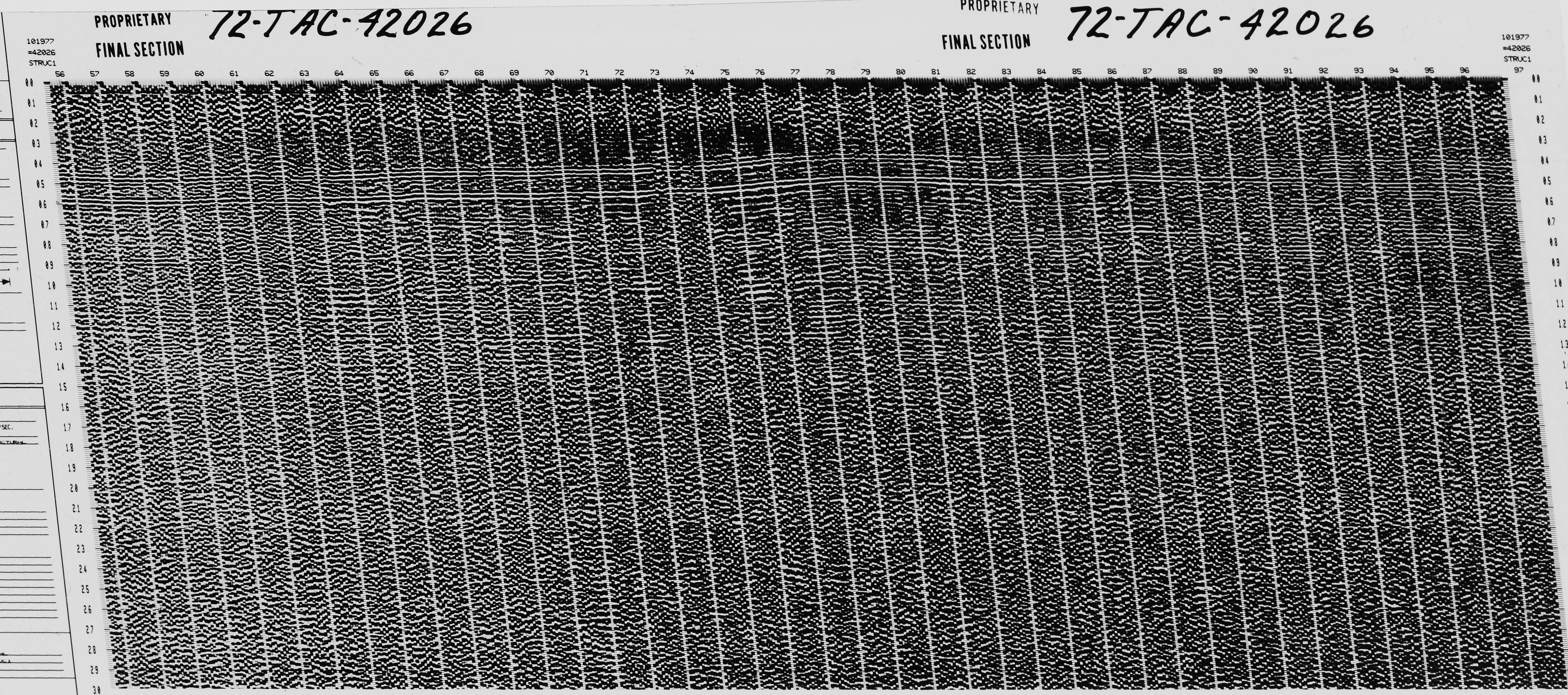
101977
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STRUC1



DEULT
DATUM 30000 DATUM VEL 30000 FT./SEC.
STATICS 10000
GAIN 10000
VERTICAL SUMMATION TO 1
HORIZONTAL SUMMATION TO 1
BINATION TO 1
DECON BEFORE STACK 10000
OPERATOR LENGTH 10000
DESIGN GATE 10000
FILTER 1 10000
VELOCITY ANALYSIS 1
FOLD COP STACK 50 INTERVAL
DECON AFTER STACK 1
OPERATOR LENGTH 10000
DESIGN GATE 10000
FILTER 1 10000
PHASE CORRECTION FILTER
TRACE NORMALIZE
AGC 10000 MS.
DISPLAY PARAMETERS
TR./INCH POLARITY 10000
TAPE NAME (OUT) 10000
PROCESSED BY 10000
REMARKS
72-TAC-42026
RIVER SHOOTING
10000
10000
10000



1 MILE
IMPERIAL OIL LTD.
GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA
LINE 42026 AREA 42026
PART 1 DATE 12 19 77
FIELD RECORDING - LAND
CONTRACTOR 10000 PTY 10000
DATE SHOT 12 19 77
ENERGY SOURCE
TYPE 10000
ARRAY 10000 LENGTH 10000
SHOT INTERVAL 10000
SURVEY LOCATION
START OF LINE 10000
DIRECTION OF SHOOTING 10000
GEOPHONES
TYPE 10000 NO. GROUPS 10000
GEOPHONES/GROUP 10000 GROUP INTERVAL 10000
ARRAY 10000 LENGTH 10000
RECORDING CONFIGURATION
DISTANCES IN 10000 FEET 10000 METRES
RECORDING INSTRUMENTS
SYSTEM 10000 NO. CHANNELS 10000
FORMAT 10000 GAIN TYPE 10000
RECORD LENGTH 10000 SEC. SAMPLE RATE 10000 MS.
RECORD FILTERS 10 10000 HZ SLOPE 10000 DB/OCTAVE
H1 10000 HZ SLOPE 10000 DB/OCTAVE
FIELD POLARITY 10000 COMPRESSIONAL WAVE
RECORDED AS 10000 VALUES
PROCESSING SEQUENCE
DEULT
DATUM 30000 DATUM VEL 30000 FT./SEC.
STATICS 10000
GAIN 10000
VERTICAL SUMMATION TO 1
HORIZONTAL SUMMATION TO 1
BINATION TO 1
DECON BEFORE STACK 10000
OPERATOR LENGTH 10000
DESIGN GATE 10000
FILTER 1 10000
VELOCITY ANALYSIS 1
FOLD COP STACK 50 INTERVAL
DECON AFTER STACK 1
OPERATOR LENGTH 10000
DESIGN GATE 10000
FILTER 1 10000
PHASE CORRECTION FILTER
TRACE NORMALIZE
AGC 10000 MS.
DISPLAY PARAMETERS
TR./INCH POLARITY 10000
TAPE NAME (OUT) 10000
PROCESSED BY 10000
REMARKS



101977
#42026
STRUC1

1 MILE =

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IMPERIAL OIL LTD.

9

SP.

GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA

LINE 78-I24-42044 AREA NORMAN WELLS
PART ONE OF ONE DATE 78-09-28

FIELD RECORDING - LAND

CONTRACTOR G.B.I PTY NO. 78 I24
DATE SHOT APR 2-4 1978

ENERGY SOURCE

TYPE GEODEL AND AQUAFLEX
ARRAY LINEAR LENGTH AQUAFLEX 10
SHOT INTERVAL 220 440

SURVEY LOCATION

START OF LINE SP 9 LAT 65-18 LONG 126-48
DIRECTION OF SHOOTING S.W.

GEOPHONES

TYPE MARK NO. GROUPS 48
GEOPHONES/GROUP 9 GROUP INTERVAL 110
ARRAY LINEAR LENGTH 160
SP

◄ 2530 ► 220 ► 2530 ►

RECORDING CONFIGURATION 24/24 SPLIT
DISTANCES IN ☒ FEET ☐ METRES

RECORDING INSTRUMENTS

SYSTEM DES IV NO. CHANNELS 53
FORMAT SEGA GAIN TYPE IFP
RECORD LENGTH 3 SEC. SAMPLE RATE 2 MS.
RECORD FILTERS LO 12 HZ SLOPE 18 DB/OCTAVE
HI 124 HZ SLOPE 32 DB/OCTAVE

FIELD POLARITY: COMPRESSIONAL WAVE
RECORDED AS NEG VALUES

PROCESSING SEQUENCE

- ☒ 1 DEMULT
☒ 2 DATUM 0 DATUM VEL. 10000 FT./SEC.
☒ 6 STATICS: CHEAT COSTA 300-1800
☒ 9 STATICS: AUTSTA 300-1600
☒ 2 GAIN: ☐ EXPONENTIAL ☐ GEOCR
☒ NORMAL AGC 600 MS
☐ VERTICAL SUMMATION _____ TO 1
☐ HORIZONTAL SUMMATION _____ TO 1
☐ BIMATION TO _____ MS.
☒ 4 DECON BEFORE STACK: LEAST SQUARES
OPERATOR LENGTH 30 MS.
DESIGN GATE VARIABLE MS.
☒ 5 FILTER: 11-16-60-70
☒ 7 VELOCITY ANALYSIS: LONG SPREAD SINGLE FOLD
☒ 8 NMO
☒ 10 GIS FOLD CDP STACK, SB INTERVAL 55
☐ DECON AFTER STACK: _____
OPERATOR LENGTH _____ MS.
DESIGN GATE _____ MS.
☐ FILTER: _____
☒ 3 RULEL 2600/9 3800/9
5300/13 6500/13
☐
☐
☐
☒ 11 PHASE CORRECTION FILTER 12/182/2
☐ TRACE NORMALIZE
☒ 11 AGC 600 MS.

DISPLAY PARAMETERS

64.0 TR./INCH POLARITY NORMAL
TAPE NAME (OUT) PROD.GDP.#42044.WDBNR8K1
PROCESSED BY _____

REMARKS

WDBNRK1
PROPRIETARY FINAL SECTION

78 I24 42044 WDBNRK1
78-09-28 PROPRIETARY FINAL SECTION

78-I24-42044

1 MILE

SW NE
513 IMPERIAL OIL LTD. 9
SP. GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA

LINE 78-I24-42044 AREA NORMAN WELLS
PART ONE OF ONE DATE 78-09-28

FIELD RECORDING - LAND

CONTRACTOR G.S.T. PTY NO. 78 I24
DATE SHOT APR 2-4 1978

ENERGY SOURCE
TYPE GEOSOL AND AQUALUX
ARRAY LINEAR LENGTH AQUALUX 10
SHOT INTERVAL 220 440

SURVEY LOCATION
START OF LINE SP 9 LAT 65-18 LONG 126-48
DIRECTION OF SHOOTING SW

GEOPHONES
TYPE MARK NO. GROUPS 48
GEOPHONES/GROUP 9 GROUP INTERVAL 110
ARRAY LINEAR LENGTH 160
SP

RECORDING CONFIGURATION 24/24 SPLIT
DISTANCES IN FEET METRES

RECORDING INSTRUMENTS
SYSTEM DEE IV NO. CHANNELS 52
FORMAT SEEB GAIN TYPE TEP
RECORD LENGTH 3 SEC. SAMPLE RATE 2 MS.
RECORD FILTERS LO 12 HZ SLOPE 18 DB/OCTAVE
HI 12.4 HZ SLOPE 32 DB/OCTAVE

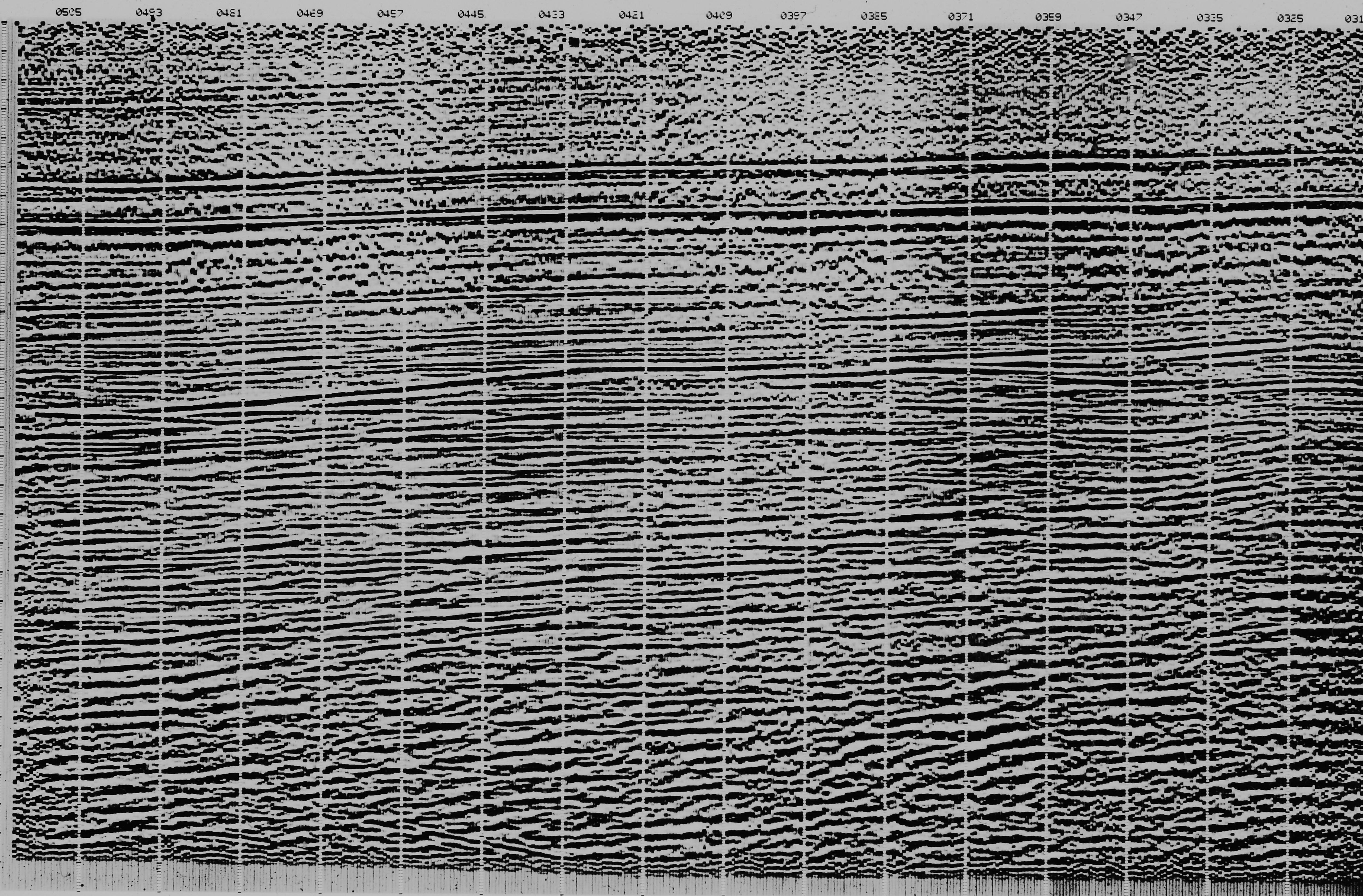
FIELD POLARITY: COMPRESSIONAL WAVE
RECORDED AS NEG VALUES

PROCESSING SEQUENCE

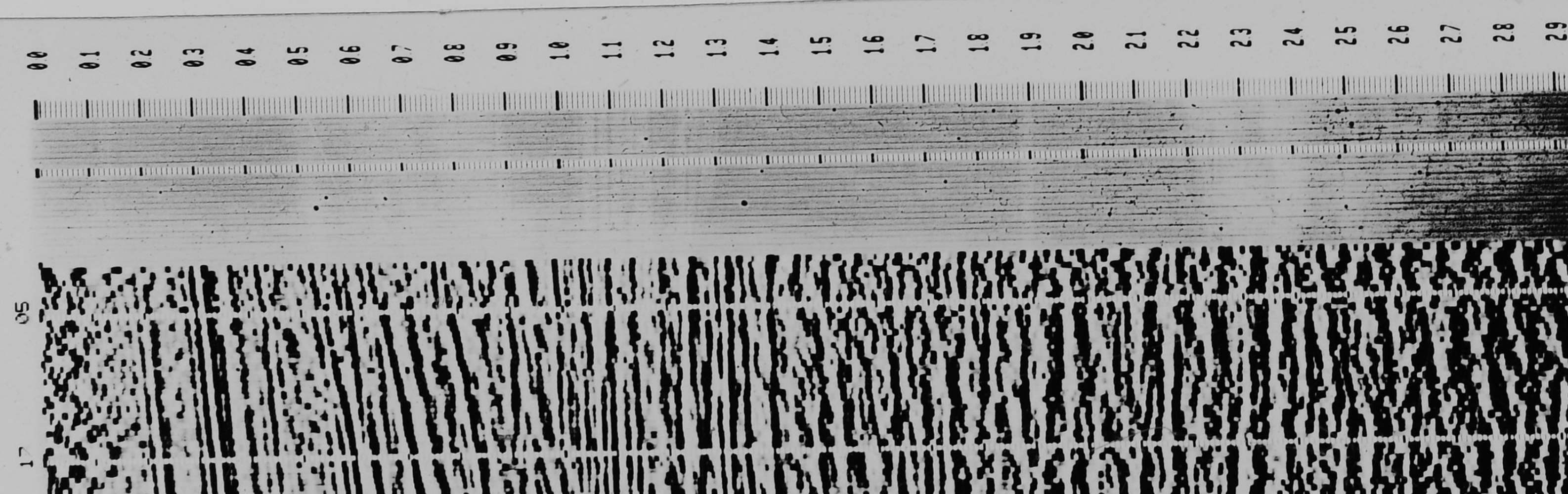
7 DEMULT
8 DATUM 0 DATUM VEL. 10000 FT./SEC.
9 STATICS GREAT GATA 300-1200
10 STATICS AUTSTA 300-1600
11 GAIN EXPONENTIAL GEODOR
12 MODULAL AGS 600 MS
13 VERTICAL SUMMATION TO 1
14 HORIZONTAL SUMMATION TO 1
15 BINMATION TO MS.
16 DECON BEFORE STACK LEAST SQUARES
17 OPERATOR LENGTH 30 MS.
18 DESIGN GATE VARIABLE MS.
19 FILTER 11/16/60/30
20 VELOCITY ANALYSIS LONG SPREAD SINGLE FOLD
21 NMO
22 635 FOLD CDP STACK, 50 INTERVAL 55
23 DECON AFTER STACK
24 OPERATOR LENGTH MS.
25 DESIGN GATE MS.
26 FILTER 2600/9 7300/9
27 5300/13 6500/13
28 PHASE CORRECTION FILTER 12/1824/3
29 TRACE NORMALIZE
30 AGC 600 MS.

DISPLAY PARAMETERS
64.0 TR./INCH POLARITY NORMAL
TAPE NAME (OUT) PROD.GDP.#42044.WDBNRK1
PROCESSED BY

REMARKS



45



1 MILE -

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SP.

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SP.

IMPERIAL OIL LTD.

GEOPHYSICS. DATA PROCESSING

CALGARY. ALBERTA

LINE

1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0

AREA

1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0

5300/13 6500/13

☐ ☐ ☐ ☐ ☒ PHASE CORRECTION FILTER 12/182/2
☐ TRACE NORMALIZE _____
☒ AGC 600. MS.

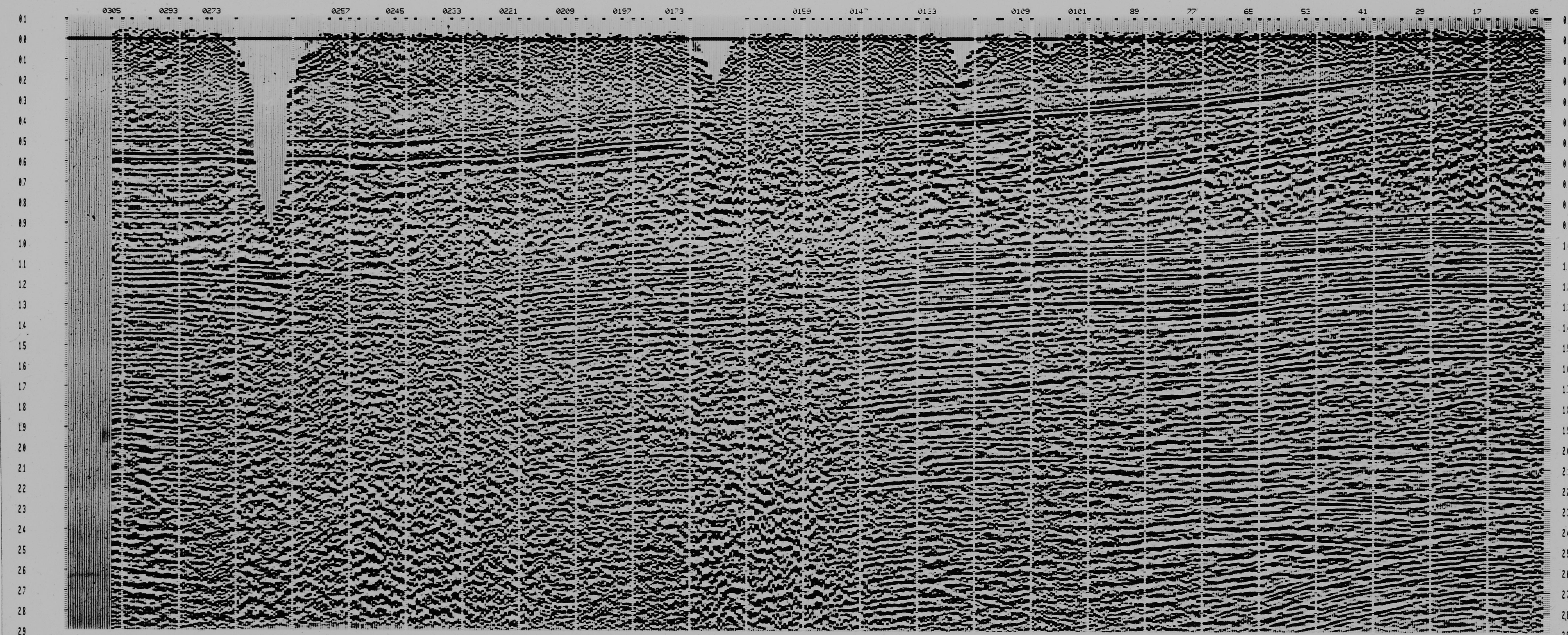
DISPLAY PARAMETERS

64.0 TR./INCH POLARITY NORMAL
TAPE NAME (OUT) PROD.GDP.#42044.WDBNRSKI
PROCESSED BY _____

REMARKS

ECTION

78-124-42042

78 124 42042 BNRK1
78-09-27 PROPRIETARY FINAL SECTION

1 MILE =

IMPERIAL OIL LTD.
GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA

LINE 78-124-42042 AREA 124-42042
PART 01 OF 01 DATE 78-09-27

FIELD RECORDING - LAND

CONTRACTOR 78-124-42042 PTY NO. 78-124-42042
DATE SHOT 78-09-27

ENERGY SOURCE
TYPE 78-124-42042
ARRAY 78-124-42042 LENGTH 78-124-42042
SHOT INTERVAL 78-124-42042

SURVEY LOCATION
START OF LINE 78-124-42042
DIRECTION OF SHOOTING 78-124-42042

GEOPHONES
TYPE 78-124-42042 NO. GROUPS 78-124-42042
GEOPHONES/GROUP 78-124-42042 GROUP INTERVAL 78-124-42042
ARRAY 78-124-42042 LENGTH 78-124-42042

RECORDING CONFIGURATION 78-124-42042
DISTANCES IN FEET 78-124-42042 METRES 78-124-42042

RECORDING INSTRUMENTS
SYSTEM 78-124-42042 NO. CHANNELS 78-124-42042
FORMAT 78-124-42042 GAIN TYPE 78-124-42042
RECORD LENGTH 78-124-42042 SAMPLE RATE 78-124-42042
RECORD FILTERS 78-124-42042 HI 78-124-42042 SLOPE 78-124-42042
78-124-42042 HI 78-124-42042 SLOPE 78-124-42042

FIELD POLARITY 78-124-42042 COMPRESSIONAL WAVE
RECORDED AS 78-124-42042 VALUES 78-124-42042

PROCESSING SEQUENCE

1. DEFAULT
2. DATUM 78-124-42042 DATUM VEL. 78-124-42042 FT./SEC.
3. STATICS 78-124-42042
4. GAIN 78-124-42042
5. VERTICAL SURVEILLANCE 78-124-42042
6. HORIZONTAL SURVEILLANCE 78-124-42042
7. BINATION TO 78-124-42042
8. DECON BEFORE STACK 78-124-42042
9. OPERATOR LENGTH 78-124-42042
10. DESIGN GATE 78-124-42042
11. FILTER 78-124-42042
12. VELOCITY ANALYSIS 78-124-42042
13. NMO 78-124-42042
14. DECON AFTER STACK 78-124-42042
15. OPERATOR LENGTH 78-124-42042
16. DESIGN GATE 78-124-42042
17. FILTER 78-124-42042
18. PHASE CORRECTION FILTER 78-124-42042
19. TRACE NORMALIZE 78-124-42042
20. REC 78-124-42042

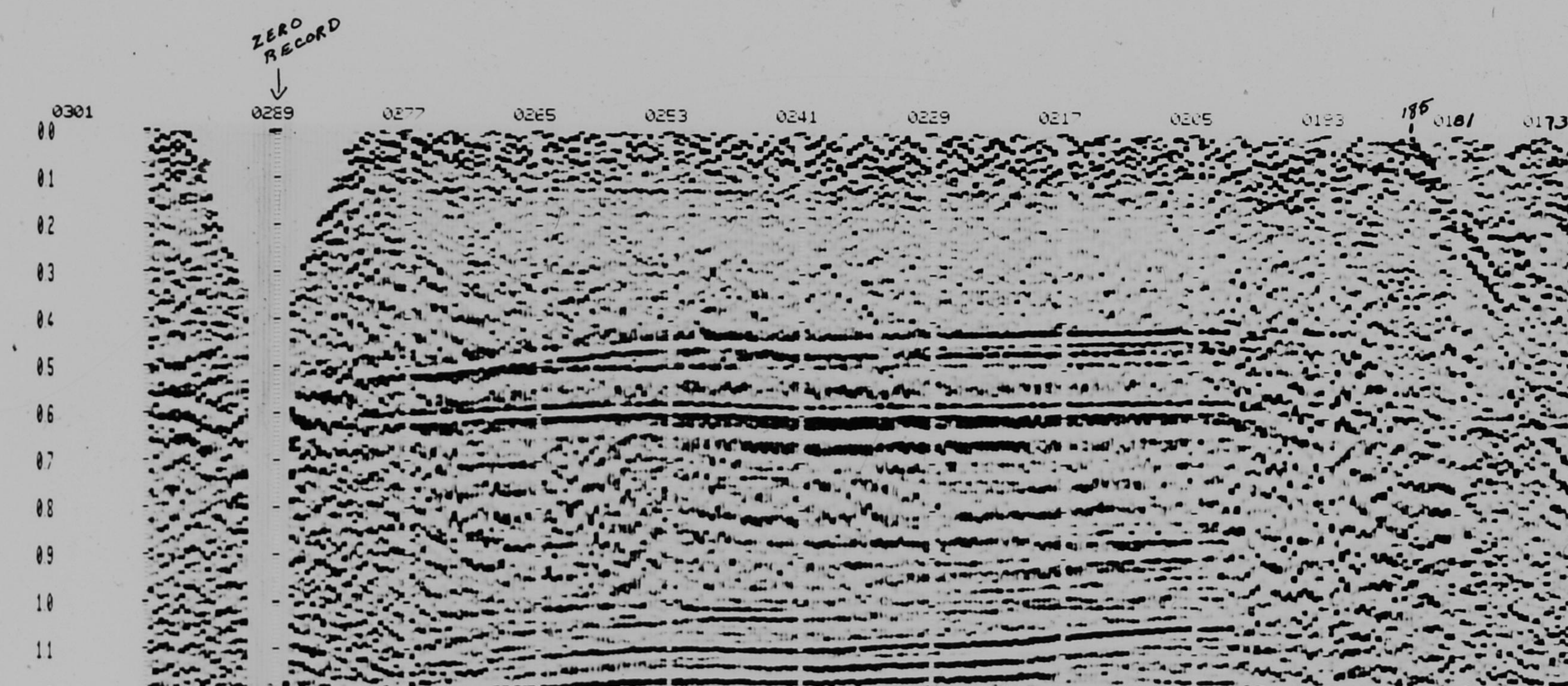
DISPLAY PARAMETERS
TAPE NAME (OUT) 78-124-42042
PROCESSED BY 78-124-42042

REMARKS
78-124-42042

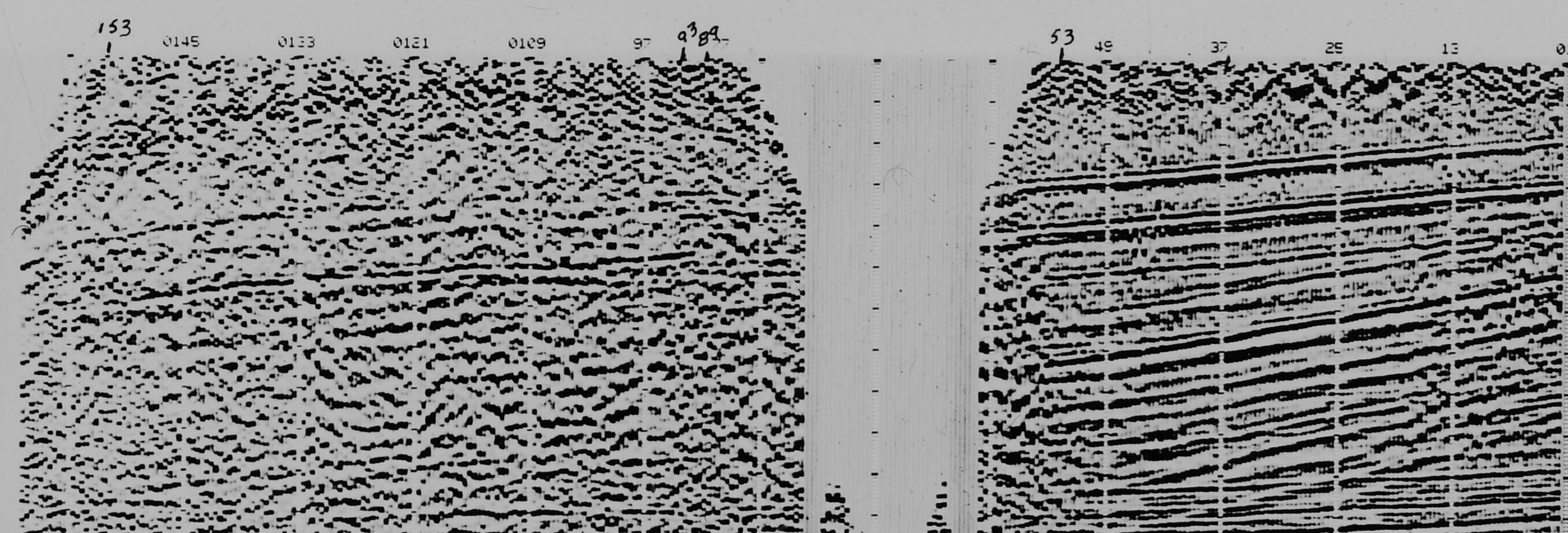
WDBNRK1
OPRIETARY FINAL SECTION

78-124-42043

ECTION



78-124-42043

78 124 42043 WDBNRK1
78-09-25 PROPRIETARY FINAL SECTION

1 MILE =

IMPERIAL OIL LTD.
GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA

LINE 78-124-42043 AREA 124-42043
PART 01 OF 01

FIELD RECORDING - LAND

CONTRACTOR 78-124-42043 PTY NO. 78-124-42043
DATE SHOT 78-09-25

ENERGY SOURCE
TYPE 78-124-42043
ARRAY 78-124-42043 LENGTH 78-124-42043
SHOT INTERVAL 78-124-42043

SURVEY LOCATION
START OF LINE 78-124-42043
DIRECTION OF SHOOTING 78-124-42043

GEOPHONES
TYPE 78-124-42043 NO. GROUPS 78-124-42043
GEOPHONES/GROUP 78-124-42043 GROUP INTERVAL 78-124-42043
ARRAY 78-124-42043 LENGTH 78-124-42043

RECORDING CONFIGURATION 78-124-42043
DISTANCES IN FEET 78-124-42043 METRES 78-124-42043

RECORDING INSTRUMENTS
SYSTEM 78-124-42043 NO. CHANNELS 78-124-42043
FORMAT 78-124-42043 GAIN TYPE 78-124-42043
RECORD LENGTH 78-124-42043 SAMPLE RATE 78-124-42043
RECORD FILTERS 78-124-42043 HI 78-124-42043 SLOPE 78-124-42043
78-124-42043 HI 78-124-42043 SLOPE 78-124-42043

FIELD POLARITY 78-124-42043 COMPRESSIONAL WAVE
RECORDED AS 78-124-42043 VALUES 78-124-42043

PROCESSING SEQUENCE

1. DEFAULT
2. DATUM 78-124-42043 DATUM VEL. 78-124-42043 FT./SEC.
3. STATICS 78-124-42043
4. GAIN 78-124-42043
5. VERTICAL SURVEILLANCE 78-124-42043
6. HORIZONTAL SURVEILLANCE 78-124-42043
7. BINATION TO 78-124-42043
8. DECON BEFORE STACK 78-124-42043
9. OPERATOR LENGTH 78-124-42043
10. DESIGN GATE 78-124-42043
11. FILTER 78-124-42043
12. VELOCITY ANALYSIS 78-124-42043
13. NMO 78-124-42043
14. DECON AFTER STACK 78-124-42043
15. OPERATOR LENGTH 78-124-42043
16. DESIGN GATE 78-124-42043
17. FILTER 78-124-42043
18. PHASE CORRECTION FILTER 78-124-42043
19. TRACE NORMALIZE 78-124-42043
20. REC 78-124-42043

DISPLAY PARAMETERS
TAPE NAME (OUT) 78-124-42043
PROCESSED BY 78-124-42043

REMARKS
78-124-42043

GEOPHYSICS. DATA PROCESSING
CALGARY, ALBERTA

LINE 73 1 24 -42043 AREA NORTH 44 WELLS
PART ONE OF ONE DATE 73-09-25

FIELD RECORDING - LAND

CONTRACTOR CSI PTY NO. 78-124
DATE SHOT APRIL 1978

ENERGY SOURCE

TYPE GEO GEL LENGTH DOUBLEX
ARRAY LINEAR
SHOT INTERVAL 440

SURVEY LOCATION

SURVEY LOCATION
START OF LINE SP 5 LAT 62-19 LONG 126-49
DIRECTION OF SHOOTING SOUTH

GEOPHONES

GEOPHONES

TYPE	<u>LINEAR</u>	NO. GROUPS	<u>48</u>
GEOPHONES/GROUP	<u>9</u>	GROUP INTERVAL	<u>110</u>
ARRAY	<u>LINEAR</u>	LENGTH	<u>150</u>

RECORDING CONFIGURATION
DISTANCES IN ☒ FEET ☐ METRES

RECORDING INSTRUMENTS

RECORDING INSTRUMENTS

SYSTEM	IFS IV	NO. CHANNELS	52
FORMAT	SEG B	GAIN TYPE	1FP
RECORD LENGTH	3.5 SEC.	SAMPLE RATE	2 MS.
RECORD FILTERS	LO 12 HZ SLOPE 12 DB/OCTAVE		
	HI 12 HZ SLOPE -2 DB/OCTAVE		

FIELD POLARITY: COMPRESSONAL WAVE
RECORDED AS 1 NEG VALUES

PROCESSING SEQUENCE

- ☐ DEMULT _____ DATUM VEL. 12000 FT./SEC.
☒ DATUM 2
☐ STATICS _____
☐ STATICS AVISTA 200-1600
☒ GAIN ☐ EXPONENTIAL ☐ GEOCOR
☐ ☒ 1.0000 MS
☐ VERTICAL SUMMATION _____ TO 1
☐ HORIZONTAL SUMMATION _____ TO 1
☐ BINOMIAL TO _____ MS.
☒ DECON BEFORE STACK ☒ LEAST SQUARES
☐ OPERATOR LENGTH 20 MS.
☐ DESIGN GATE VARIABLE MS.
☒ FILTER 11-16-60-70
☒ VELOCITY ANALYSIS LONG SPREAD SINGLE FOLD
☒ NMO _____
☒ 618 FOLD CDP STACK. 98 INTERVAL 55 Feet
☐ DECON AFTER STACK _____
☐ OPERATOR LENGTH _____ MS.
☐ DESIGN GATE _____ MS.
☒ FILTER ANULFIL 2400/3 3600/3
☐ 4000/9 5400/9
☐ _____
☐ _____
☐ _____
☐ _____
☒ PHASE CORRECTION FILTER 12/18 2/2
☐ TRACE NORMALIZE _____
☒ AGC 600 MS.

DISPLAY PARAMETERS

DISPLAY NAME _____ POLARITY NORMAL
 24 0 TR./INCH _____
 TAPE NAME (OUT) PROD GDP #42043 WDEBRSH1
 PROCESSED BY SBC WDEBRSH1

REMARKS

DL-2640 DL+2640
SP 1, 5, 10, 13-65, 77-153, 155-321 BY 4

1 MILE

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SP.

IMPERIAL OIL LTD.

GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA

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SP.

LINE 78-124-42040-11 AREA NORTH WELLS

PART ONE OF ONE DATE 78-09-28

FIELD RECORDING - LAND

CONTRACTOR GSI PTY NO. 78-124
DATE SHOT APR 9 1978

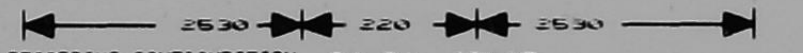
ENERGY SOURCE

TYPE GEOTEL
ARRAY LINEAR LENGTH
SHOT INTERVAL 440 FT

SURVEY LOCATION

START OF LINE SP 1 LAT 65-15 LONG 126-50
DIRECTION OF SHOOTING NW

GEOPHONES

TYPE MHR NO. GROUPS 43
GEOPHONES/GROUP 2 GROUP INTERVAL 110 FT
ARRAY LINEAR LENGTH 150 FT
18 25 SP 24 1

 RECORDING CONFIGURATION 24 24 SPLIT
DISTANCES IN ☒ FEET ☐ METRES

RECORDING INSTRUMENTS

SYSTEM IFS IV NO. CHANNELS 52
FORMAT SEG B GAIN TYPE IEP
RECORD LENGTH 2 SEC. SAMPLE RATE 2 MS.
RECORD FILTERS LO 12 HZ SLOPE 12 DB/OCTAVE
HI 12 HZ SLOPE 12 DB/OCTAVEFIELD POLARITY: COMPRESSIONAL WAVE
RECORDED AS NEG VALUES

PROCESSING SEQUENCE

- ☒ 1 DEMULT
☒ 2 DATUM 0 DATUM VEL. 10000 FT./SEC.
☒ 3 STATICS: COMBAT. CONSTA GATE 300-1800
☒ 4 STATICS: AUTSTA 300-1600
☒ 5 GAIN: ☐ EXPONENTIAL ☐ GEORCOR
☒ ☒ NORMAL 420 500MS
☐ VERTICAL SUMMATION TO 1
☐ HORIZONTAL SUMMATION TO 1
☐ BINOMIAL TO MS.
☒ 6 DECON BEFORE STACK: LEAST SQUARES
 OPERATOR LENGTH 20 MS.
 DESIGN GATE VARIABLE MS.
☒ 7 FILTER: 11-16-60-70
☒ 8 VELOCITY ANALYSIS: LONG SPREAD SINGLE FOLD
☒ 9 NMO
☒ 10 212 FOLD CDP STACK, SB INTERVAL 65 FT
☐ DECON AFTER STACK
 OPERATOR LENGTH MS.
 DESIGN GATE MS.
☒ 11 FILTER: RLFIL 2300 74000 9
☐ 5500 125000 13
☐
☐
☐
☐
☒ 12 PHASE CORRECTION FILTER 12 182 2
☐ TRACE NORMALIZE
☒ 13 AGC 500 MS.

DISPLAY PARAMETERS

4.0 TR./INCH POLARITY NORMAL
TAPE NAME (OUT) PROD GIP 42040 BLR211
PROCESSED BY BC BLR211

REMARKS

D1 2640 FT D 2640 FT
SP 1-213 267-309 364-446 B. 4

1 MILE =

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SP.

IMPERIAL OIL LTD.

GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA

11.1

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SP.

LINE 78-124-42040-11 AREA 11 NORTH WELLSPART ONE OF ONE DATE 78-09-28

FIELD RECORDING - LAND

CONTRACTOR GSI PTY NO. 78-124
DATE SHOT APR 9 1978

ENERGY SOURCE

TYPE GEOGEL
ARRAY LINEAR LENGTH _____
SHOT INTERVAL 440 FT

SURVEY LOCATION

START OF LINE SP 1 LHT 55-15 LHT 126-50
DIRECTION OF SHOOTING NW

GEOPHONES

TYPE MARK NO. GROUPS 48
GEOPHONES/GROUP 2 GROUP INTERVAL 110 FT
ARRAY LINEAR LENGTH 160 FT
48 25 SP 24 1RECORDING CONFIGURATION 24 24 SPLIT
DISTANCES IN ☒ FEET ☐ METRES

RECORDING INSTRUMENTS

SYSTEM IFS IV NO. CHANNELS 52
FORMAT SEG B GAIN TYPE IFP
RECORD LENGTH 2 SEC. SAMPLE RATE 2 MS.
RECORD FILTERS LO 12 HZ SLOPE 12 DB/OCTAVE
HI 12 HZ SLOPE 12 DB/OCTAVEFIELD POLARITY: COMPRESSIONAL WAVE
RECORDED AS NEG VALUES

PROCESSING SEQUENCE

- ☒ 1 DEMULT _____
- ☒ 2 DATUM 0 DATUM VEL. 10000 FT./SEC.
- ☒ 6 STATICS: COMBAT. CONSTA GATE 300-1800
- ☒ 9 STATICS: AUTSTA 300-1600
- ☒ 3 GAIN: ☐ EXPONENTIAL ☐ GEOCOR
☒ 11.111111111111111
- ☐ VERTICAL SUMMATION _____ TO 1
- ☐ HORIZONTAL SUMMATION _____ TO 1
- ☐ BINOMIAL TO _____ MS.
- ☒ 4 DECON BEFORE STACK: LEAST SQUARES
OPERATOR LENGTH 20 MS.
DESIGN GATE VARIABLE MS.
- ☒ 5 FILTER: 11-16 60-70
- ☒ 7 VELOCITY ANALYSIS: LONG SPREAD SINGLE FOLD
- ☒ 8 NMO _____
- ☒ 10 512 FOLD CDP STACK, SB INTERVAL 55 FT
- ☐ DECON AFTER STACK: _____
OPERATOR LENGTH _____ MS.
DESIGN GATE _____ MS.
- ☒ 3 FILTER: PALEFIL 2300-74000 9
5500 125000 12
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☒ 11 PHASE CORRECTION FILTER 12 180 2
- ☐ TRACE NORMALIZE _____
- ☒ 11 AGC 500 MS.

DISPLAY PARAMETERS

4.0 TR./INCH POLARITY 11.111111111111111
TAPE NAME (OUT) PROD 124-42040 BLK 21.1
PROCESSED BY 260 BLK 21.1

REMARKS

D1 - 2640 FT D. - 2640 FT

SP 1-213 - 26" 209 - 364-445 B. 4

RECORDING INSTRUMENTS

SYSTEM IFS IV NO. CHANNELS 52
 FORMAT SEG B GAIN TYPE 1FP
 RECORD LENGTH 2 SEC. SAMPLE RATE 2 MS.
 RECORD FILTERS LO 12 HZ SLOPE 12 DB/OCTAVE
 HI 12 HZ SLOPE 12 DB/OCTAVE

FIELD POLARITY: COMPRESSIONAL WAVE
 RECORDED AS NEG VALUES

PROCESSING SEQUENCE

- ☒ 1 DEMULT _____
☒ 2 DATUM 0 DATUM VEL. 10000 FT./SEC.
☒ 6 STATICS: COMBAT, COMSTA GATE 300-1800
☒ 9 STATICS: AUTSTA 300-1600
☒ 3 GAIN: ☐ EXPONENTIAL ☐ GEOCOR
☒ * NORMAL 425 60000
☐ VERTICAL SUMMATION _____ TO 1
☐ HORIZONTAL SUMMATION _____ TO 1
☐ BIMATION TO _____ MS.
☒ 4 DECON BEFORE STACK: LEAST SQUARES
 OPERATOR LENGTH 20 MS.
 DESIGN GATE VARIABLE MS.
☒ 5 FILTER: 11-15-50-70
☒ 7 VELOCITY ANALYSIS: LONG SPREAD SINGLE FOLD
☒ 8 NMO _____
☒ 10 512 FOLD CDP STACK. SB INTERVAL 65 FT
☐ DECON AFTER STACK: _____
 OPERATOR LENGTH _____ MS.
 DESIGN GATE _____ MS.
☒ 3 FILTER: FILE FIL 2300 74000 9
☐ 6500 125000 12
☐ _____
☐ _____
☐ _____
☐ _____
☒ 11 PHASE CORRECTION FILTER 12 182 2
☐ TRACE NORMALIZE _____
☒ 11 AGC 600 MS.

DISPLAY PARAMETERS

4.0 TR./INCH POLARITY NORMAL
 TAPE NAME (OUT) PROD GIP -42040 BLK211
 PROCESSED BY EBL BLK211

REMARKS

D1 -2640 FT D1 -2640 FT
IP 1-213 - 267-309 - 364-446 B1 4

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SP.

IMPERIAL OIL LTD.

GEOPHYSICS, DATA PROCESSING
CALGARY, ALBERTA

1

SP.

LINE 78 1 24 -42041

AREA NORMAN WELLS

PART ONE OF ONE

DATE 78-10-06

FIELD RECORDING - LAND

CONTRACTOR GSI

PTY NO. 78 - 1 24

DATE SHOT MAR 31 + APR 78

ENERGY SOURCE

TYPE GEO GEL MID HORNFLER

ARRAY LINEAR

LENGTH HORNFLER 10

SHOT INTERVAL 220 + 440

SURVEY LOCATION

START OF LINE SP 325 LAT 63-13 LONG 126-54

DIRECTION OF SHOOTING 145

GEOPHONES

TYPE MHR

NO. GROUPS 43

GEOPHONES/GROUP 2

GROUP INTERVAL 110

ARRAY LINEAR

LENGTH 180

24 SP 25

RECORDING CONFIGURATION 24 24 SPLIT

DISTANCES IN ☒ FEET ☐ METRES

RECORDING INSTRUMENTS

SYSTEM DES IV

NO. CHANNELS 52

FORMAT SEG B

GAIN TYPE 1FF

RECORD LENGTH 3 SEC.

SAMPLE RATE 2 MS.

RECORD FILTERS LO 12 HZ SLOPE 13 DB/OCTAVE

HI 12 HZ SLOPE 22 DB/OCTAVE

FIELD POLARITY: COMPRESSIONAL WAVE

RECORDED AS 145G VALUES

PROCESSING SEQUENCE

- ☐ 1 DEMULT
☐ 2 DATUM 0 DATUM VEL. 10000 FT./SEC.
☐ 3 STATICS: CORRIGATE WITH GATE 400-2400
☐ 4 STATICS: MUTSTH GATE 300-1600
☐ 5 GAIN: ☐ EXPONENTIAL ☐ GEORCOR
☒ 6 NORMAL HZ 500 MS
☐ 7 VERTICAL SUMMATION TO 1
☐ 8 HORIZONTAL SUMMATION TO 1
☐ 9 BIMATION TO MS.
☐ 10 DECON BEFORE STACK: LEAST SQUARES
☐ 11 OPERATOR LENGTH 20 MS.
☐ 12 DESIGN GATE VARIABLE MS.
☐ 13 FILTER: 11-16-60-70
☐ 14 VELOCITY ANALYSIS: LONG SPREAD SINGLE FOLD
☐ 15 NMO
☐ 16 SIS FOLD COP STACK. 98 INTERVAL 65FT
☐ 17 DECON AFTER STACK
☐ 18 OPERATOR LENGTH MS.
☐ 19 DESIGN GATE MS.
☐ 20 FILTER: RMLFIL 2500 93900 95200-60000
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