

Anderson
Exploration Ltd

9227-D30-1E-14
Brackett Lake
 Northwest Territories
Line 85-15(72697)
 NTS 96-F-4,3
 SP 259 - 144

Migrated Stack
Normal Polarity

FIELD PARAMETERS

Recorded by	Western Geophysical Co. of Canada Ltd., Party 362 March, 1965
Recorded for	Petro-Canada
Amplifier	DSF V, 96 channels SG-6 format, DVF gain K10-120K7 150dB/CH, Notch Out
Record Length	6.0 seconds 2 s sample interval
Source	Dynamic, single hole 2.0 kg at 15 meters
Geophones	125 L2011, 14 Hz 9 per string inline over 60.0 meters
Source Interval	125 meters
Group Interval	33 meters
Normal Field	1200G
Spread	1617 - 66 SP - 66 - 1617 meters

PROCESSING SEQUENCE

Trace K/R/Reverse	
Trace timing MODE	Kill
SELECT trace kill parameter file	Trace Kills
Trace Amplifier Recovery	
Bias for spherical spreading	1/(time*vel**2)
Should the velocity be treated as space variable?	No
Select velocity parameter file	TAR Velocity Function 4
diffuse correction constant	300.
Minimum application TIME	
Filter Application	
SELECT filter dataset	Inst: & Geo. Compensation
Surface Consistent Decon	
TYPE of deconvolution	Spiking
Components of spectral decomposition:	SHOT RCVR OFFSEET
Spectral decompositions used in Application:	SHOT RCVR
Decon operator length (ms)	100.
Operator 'white noise' level	0.01
TV Spectral Whitening	
Spectral balancing scalar LENGTH	500.
Number of frequency peaks	12
SPECFY spectral balancing frequencies	
4.0,10,150	
Mode for amplitude restoration	Log Average
Apply Elevation Statics	
Final datum elevation	400
Segmentation velocity	3200
Reverse snuff method	Shot Hales Ignites Updates Times
NMO static method	Mean Statics
Length of snuffer	3
Promoting DATUM	NMO DATUM
Apply Randomal Statics	
Type of residual statics to apply	Correlation Automatics
Apply Randomal Statics	
Apply Randomal Statics	
Apply Trim Statics	
Normal Moment Correction	
Denominator for NMO application	FORWARD
SELECT velocity parameter file	Final Velocity
Trace Muting	
TYPE of mute	Top
SELECT mute parameter file	Final Mute 3
Automatic Gain Control	
Application mode	APPLY
AGC operator length	500.
CD/Framewise Statics	
METHOD for trace summing	Mean
TV Spectral Whitening	
Spectral balancing scalar LENGTH	500.
Number of frequency peaks	12
SPECFY spectral balancing frequencies	
4.0,10,150	
Mode for amplitude restoration	Simple Mean
Trace Equalization	
SPECFY TE gate parameters	
1300-900	
F-X Decon	
Horizontal window length	40
Number of filter samples	7
Time window length	30
Time window overlap	30
SGE, implicit FD Time Mrg.	
CDP interval (in or ft)	16 ft/39
Aperture of migration operator	65 degrees
Select interval vs. time velocity file	Final Velocity
Percentage of input velocities to use for migration	100
Migrate from surface with zero velocity layer?	Yes
Paul Traces	
Header word to use for padding Segment of header value	CDP file number 1.
Bandpass Filter	
TYPE of filter	Single Filter
Type of filter specification	Ornaby bandpass
PHASE of filter	
Ornaby filter frequency values	5.10-8.100
Trace Equalization	
SPECFY TE gate parameters	
1300-900	

DISPLAY PARAMETERS

Traces/Inch =	40	Display Gain =	0.35
Inches/Second =	3.75	Clip Limit =	3
NORMAL POLARITY		Sun Jan 7 15:48:56 2001	

SENSOR GEOPHYSICAL LTD