

SOUTH CAROLINA

LINE SC-3
SHOTPOINTS 12-141

FINAL STACK

FIELD DATA

SHOT BY: GSI PARTY 1331
DATE SHOT: JUNE 1979
ENERGY SOURCE: VIBRATORS
RECORDING INSTRUMENTS: C-14
TAPE FORMAT: 1 IN 21 TRACK
RECORDING FILTER: 8/18-62 HZ
SAMPLE PERIOD: 4 MSEC
RECORD LENGTH: 3 SEC
NUMBER OF VIBRATORS: 15
SHEEP PTA SHOT: 10 SEC
SHEEP LENGTH: 10 SEC
SHEEP FREQUENCIES: 5000-200-5 400-5000
SPREAD: 200 FT
SHOT INTERVAL: 20 SEC
GROUP INTERVAL: 20 SEC (10 HZ)
NUMBER OF GROUPS: 18
MULTIPLICITY: 12

DIGITAL PROCESSING

JULY 1979
TRUE AMPLITUDE RECOVERY
ALPHA=4.5 DB/SEC
CROOKED LINE CDP GATHER
DECONVOLUTION (GAPPED)
OPERATOR LENGTH=148 MSEC
GAP LENGTH=32 MSEC
TIME VARIANT SCALING
GATE LENGTH=1500 MSEC
RESIDUAL STATICS ANALYSIS
VELOCITY ANALYSIS
NORMAL MOVEOUT
VELOCITY REFERENCE SURFACE
SEE TOP OF SECTION FOR VELOCITIES
DATUM STATIC APPLICATION
DATUM: SEA LEVEL
REPLACEMENT VELOCITY=14000 FT/SEC
CDP STACK
DIGITAL FILTER
10 - 45 HZ
TIME VARIANT SCALING
1500 MSEC GATES
DISPLAY
7.5 IN/SEC
12 TRACES/IN
SCALE 1 IN=1200 FT

COMPILED BY
GEOPHYSICAL SERVICE INC.
(A SUBSIDIARY OF TEXAS INSTRUMENTS INC.)

PROCESSING CHECKED BY
BRUCE MIZE

CDP 1				
TIME MSEC	R.M.S. VEL FT/SEC	INTER VEL FT/SEC	DEPTH IN FEET	AVG. VEL FT/SEC
0	6500	7026	2683	7025
764	6500	7026	2683	7025
1000	8000	11300	3928	7857
1250	8850	11300	4656	8631
1775	10488	10256	8929	10079
3000	10500	10471	15387	10258

CDP 50				
TIME MSEC	R.M.S. VEL FT/SEC	INTER VEL FT/SEC	DEPTH IN FEET	AVG. VEL FT/SEC
0	6500	7026	2683	7025
764	6500	7026	2683	7025
1000	8000	11300	3928	7857
1250	8850	11300	4656	8631
1775	10488	10256	8929	10079
3000	10500	10471	15387	10258

CDP 129				
TIME MSEC	R.M.S. VEL FT/SEC	INTER VEL FT/SEC	DEPTH IN FEET	AVG. VEL FT/SEC
740	6500	6949	2570	6948
940	6500	11171	3673	7812
1220	7995	6696	3673	8611
1660	10200	14071	8109	9770
3000	10800	11499	15813	10542

CDP 225				
TIME MSEC	R.M.S. VEL FT/SEC	INTER VEL FT/SEC	DEPTH IN FEET	AVG. VEL FT/SEC
710	6500	6440	2305	6439
1000	8441	9648	3694	8601
1250	8013	12972	3694	8611
1750	10323	8716	8734	9858
3000	10800	11463	15366	10511

