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**DIRECTIONAL
SURVEY
REPORT**

KERR MCGEE CORPORATION

**OCS-G-0333 #14
DECEMBER 03, 1993**



ds0057449

SPERRY-SUN DRILLING SERVICES
DWD DIRECTIONAL SURVEYS
SHIP SHOAL BLOCK #30 / OFFSHORE LOUISIANA
TIE ON COORDINATES SUPPLIED BY CUSTOMER

KERR MCGEE CORPORATION
OCS-G-0333 #14

DECEMBER 03, 1993
LA-MW-30607

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
12397.00	31.70	N 43.10 W	12252.69	522.53 N	534.30 W	747.29	0.00
12813.00	38.90	N 39.50 W	12592.02	703.38 N	692.29 W	986.89	1.80
12939.00	41.50	N 38.90 W	12688.25	766.41 N	743.68 W	1067.79	2.09
12971.00	42.40	N 38.90 W	12712.05	783.05 N	757.11 W	1089.06	2.81
13003.00	42.30	N 38.90 W	12735.70	799.83 N	770.65 W	1110.49	0.31
13035.00	42.00	N 39.30 W	12759.42	816.49 N	784.19 W	1131.85	1.26
13067.00	41.70	N 40.00 W	12783.26	832.93 N	797.81 W	1153.11	1.73
13123.00	41.70	N 40.00 W	12825.07	861.47 N	821.76 W	1190.22	0.00

THE DOGLEG SEVERITY IS IN DEGREES PER 100.00 FEET
THE VERTICAL SECTION WAS COMPUTED ALONG N 45.00 W (GRID)

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE
DISPLACEMENT IS 1190.55 FEET, IN THE DIRECTION OF N 43.65 W (GRID)

A DECLINATION (GRID) OF 2.74 DEGREES EAST HAS BEEN APPLIED.
THE SURVEY AT 13213 FEET MEASURED DEPTH HAS BEEN PROJECTED.

SPERRY-SUN ENGINEERS: PATRICK EYMARD , PAUL BEENE
ROBBIE MELANCON , COLEMAN BOND

SPERRY-SUN DRILLING SERVICES

VERTICAL PROJECTION

KERR MCGEE CORPORATION

OCS-G-0333 #14

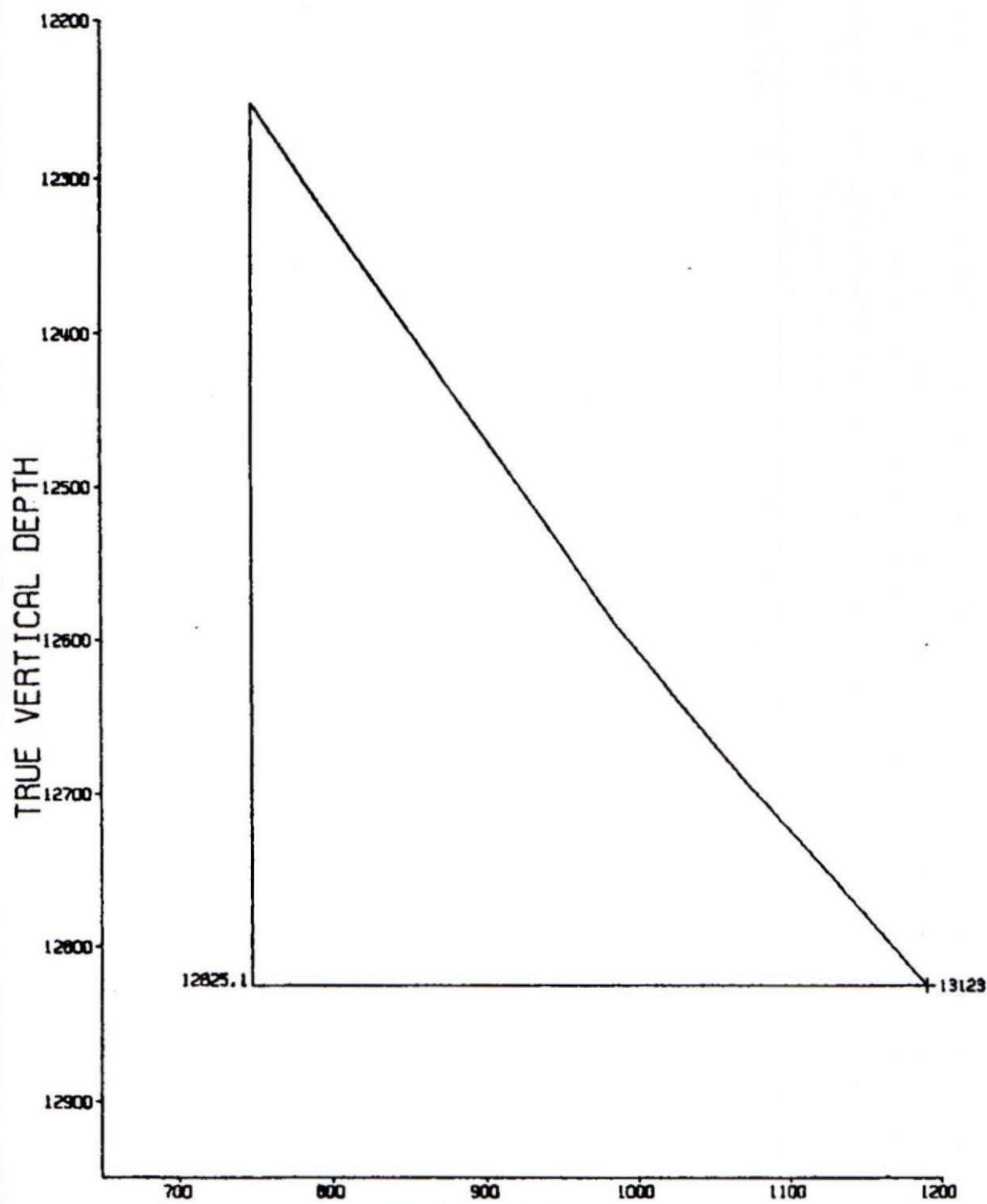
DECEMBER 03, 1993

LA-MW-30607

START TVD = 12252.69

FINISH TVD = 12825.09

SCALE IS 100 FEET/IN

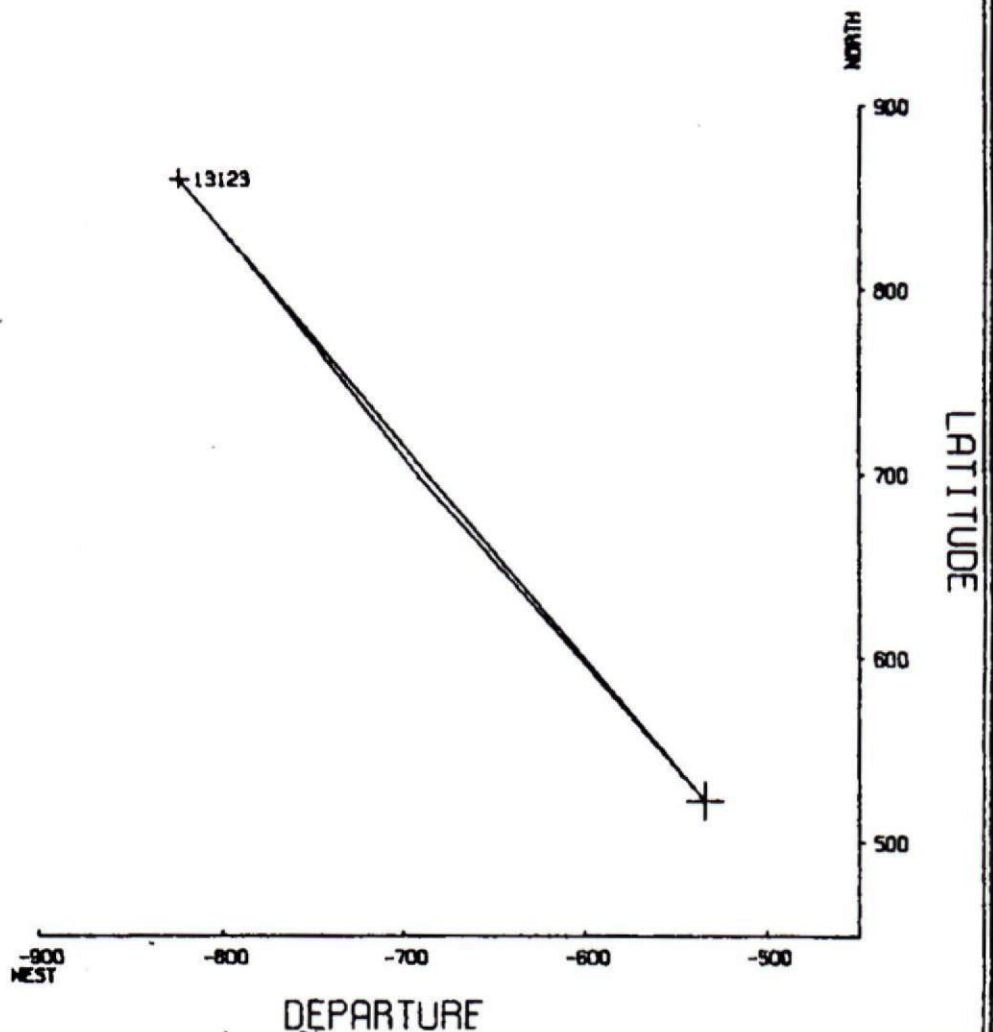


SPERRY-SUN DRILLING SERVICES

HORIZONTAL PROJECTION

KERR MCGEE CORPORATION
OCS-G-0333 #14
DECEMBER 03, 1993
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START TVD = 12252.69
FINISH TVD = 12825.09
SCALE IS 100 FEET/IN



SPERRY-SUN DRILLING SERVICES

VERTICAL/HORIZONTAL PROJECTION

KEAR McGEE CORPORATION

OCS-G-0333 #14

DECEMBER 03, 1993

LA-MW-30607

START TVD = 12252.69

FINISH TVD = 12825.09

VERT SECT SCALE IS 200 FEET/IN

HORT SECT SCALE IS 200 FEET/IN

