CUSTOMER Gillin Production Company

LOCATION JCW State #2

COUNTY & STATE Eddy County, New Mexico

PERMIAN DIRECTIONAL SERVICE COMPANY

SINGLE SHOT
SURVEY RECORD
SPOT - 11,144'

FIELD Winchester

JOB No. C-103-73 PAGE 292

Mag. Declination 11°E Date 9/13/73

DEPTH MEASURED	MEAS. COURSE	VERT. COURSE	TRUE VERT. DEPTH	COURSE DEVIATION	DRIFT	DIRECTION	COURSE CO-ORDINATES NORTH	SOUTH	EAST	WEST	TOTAL CO-ORDINATES NORTH	SOUTH	EAST	WEST	SECTION DIFF	VERTICAL SECTION
9658			9640.58		15°	N06E					230.75			7.62		
9725	67	65.15	9705.73	5.64	3½°	N08E	15.48		2.18		246.23			5.44		
9814	89	85.87	9791.60	13.99	9¼°	N31E	11.98		7.20		255.21		1.76			
9851	37	36.59	9828.19	5.47	8½°	N36E	4.43		3.22		262.64		4.98			
9893	42	41.36	9869.55	7.29	10°	N26E	6.55		3.20		269.19		8.18			
9948	55	53.70	9923.25	11.90	12½°	N26E	10.70		5.21		279.89		13.39			
9978	30	29.11	9952.36	7.26	14°	N24E	6.63		2.96		286.52		16.35			
10,038	60	58.09	10,010.45	15.02	14½°	N25E	13.61		6.35		300.13		22.70			
10,073	33	32.15	10,042.60	7.42	13°	N31E	6.36		3.83		306.49		26.53			
10,135	62	60.81	10,103.41	12.10	11½°	N36E	9.79		7.11		316.28		33.64			
10,259	124	122.12	10,225.53	21.53	10°	N37E	17.19		12.96		333.47		46.60			
10,386	127	125.35	10,350.88	20.41	9¼°	N36E	16.51		12.00		349.98		58.60			
10,513	127	125.77	10,476.65	17.68	8°	N36E	14.30		10.39		364.28		68.99			
10,605	92	91.26	10,567.91	11.61	7¼°	N36E	9.39		6.83		373.67		75.82			
11,144	539	536.04	11,103.95	56.33	6°	N25E	51.05		23.81		424.72		99.63			

Horizontal Displacement = 436.30 FT. @ N 13°12' E