

**Key Energy Services, Inc.**Four Corners Division
5651 US Highway 64
P.O. Box 900
Farmington, NM 87499Phone: 505-327-4935
Fax: 505-327-4962

DATE: 11-29-99

RIG #53

PHILLIPS PETROLEUM COMPANY
5525 HWY 64 NBU 3004
FARMINGTON, N.M. 87401

ATTN: PATSY CLUGSTON

THIS LETTER IS TO CERTIFY THAT KEY ENERGY SERVICES DID RUN DEVIATION SURVEYS
AT THE LISTED DEPTH ON YOUR SAN JUAN 29-6 UNIT #47M WELL, IN SECTION 28, T-29-N,
R-06-W, IN RIO ARriba COUNTY, NEW MEXICO.

DEPTH	DEGREE DEVIATION	DEPTH	DEGREE DEVIATION
261	1	2349	1
390	1-1/2	2886	1-1/4
849	1/2	3378	1
1348	1	3656	1
1848	1	7756	1

(DRILLED WITH HALCO 600 AIR HAMMER
FROM 3699' TO 7756')

TO THE BEST OF MY KNOWLEDGE, I SWEAR THIS INFORMATION TO BE TRUE.

SINCERELY,

JOHN K. RICHARDSON
DRILLING CONTRACT MANAGER
Notary Public

My commission expires

6/9/00

DATA PHILSURY

ONGARD
C-115 Disposition Error Report
From 01/11/1995 Onwards12 Jan 95 - 08:38:48
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OGRID	YV	MM	POOL	PROP	CD	3	Pod	Bom	Disp	Vol	TRNSP	CD	4	Eom	Proc.	C115	Entered	CTRL	Err
6515	1994	5	71599	3774	W		0	0	62		0	P		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
6515	1994	5	71599	3775	G		0	0	2		0	V		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					G		909030	0	112		7057	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		909010	35	0			M		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					W		0	0	30		0	P		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
6515	1994	5	71599	3776	G		0	0	6		0	V		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					G		908430	0	1465		7057	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					G		908530	0	282		7057	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		908410	89	0			M		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		908510	241	0		0	M		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					W		0	0	28		0	P		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
6515	1994	5	71599	3777	G		0	0	105		6515	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		864910	29	0		0	M		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
6515	1994	5	71599	3785	G		0	0	8		7057	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					G		880530	0	2526		0	M		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		880510	29	0		0	P		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
6515	1994	5	71599	3786	G		0	0	16		0	P		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					W		0	0	6		0	V		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					G		876430	0	1352		6515	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					G		884130	0	283		6515	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		876410	144	0		0	M		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					C		884110	115	0		0	M		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					W		0	0	31		0	P		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
6515	1994	5	71599	3801	G		0	0	11		0	V		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					G		883230	0	935		7057	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					G		883330	0	923		7057	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		883210	187	0		0	M		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					W		0	0	28		0	P		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
6515	1994	5	71599	3808	G		0	0	2		0	V		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					G		880130	0	2214		7057	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					G		880230	0	839		7057	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		880110	49	0		0	M		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		880210	24	0		0	M		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
6515	1994	5	71599	3809	G		0	0	32		0	P		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					W		0	0	119		0	U		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					G		866630	0	461		6515	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		866610	0	66		9018	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		866610	41	0		9018	M		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					W		0	0	62		0	P		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
6515	1994	5	71599	3813	G		0	0	27		0	V		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					G		867930	0	739		7057	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		867910	57	0		0	M		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					W		0	0	8		7057	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
6515	1994	5	71599	3821	G		0	0	1280		0	P		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		881910	29	0		0	M		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
6515	1994	5	71599	3822	G		0	0	1761		6515	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		872630	0	0		0	M		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		872610	134	0		0	U		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
6515	1994	5	71599	3833	G		0	0	50		0	V		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					G		0	0	1		0	V		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					G		875730	0	423		6515	D		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508
					O		875710	129	0		0	M		0	01-11-1995	12-08-1994	02-14-1994	001006509	V1508