



FEB 05 2001

Key Energy Services, Inc.

Four Corners Division

P.O. Box 900

5651 US Highway 64

Farmington, NM 87499

Phone: 505-327-4935

Fax: 505-327-4962

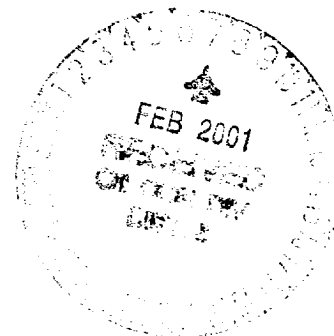
January 29, 2001

Rig #49

Conoco, Inc.

P.O. Box 2197, DU 2032

Houston, TX 77252-2197



This is to certify that Key Energy Services, Inc. did run deviation surveys at the listed depths on your Jicarilla "K" 17M well in S12-T25N-R05W in Rio Arriba county, New Mexico.

Depth	Deviation	Depth	Deviation
510'	1½°	3980'	1°
1019'	2°	4483'	½°
1831'	8°	4980'	1°
1924'	10°	5449'	1°
2029'	9°	5979'	M.R.
2154'	7¾°	6080'	1½°
2245'	2½°	6580'	2¾°
2420'	4½°	7209'	2¼°
2670'	3°	7700'	3°
2986'	2°	8120'	1¾°
3486'	¾°		

Well was plugged back to 1800' and redrilled. The following surveys were run when the well was redrilled.

1515'	5°	1638'	6¼°
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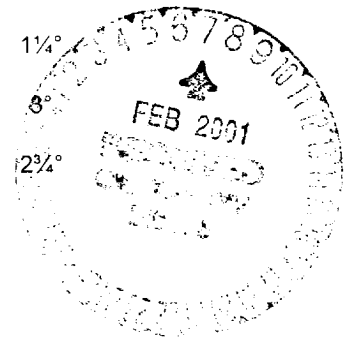
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Well plugged back to 1420'

1483'	5¼°	4527'	½°
1550'	4°	4991'	1½°
1659'	4°	5514'	M.R.
1752'	3°	5715'	1°
1940'	1¾°	6220'	2¼°
2450'	2°	6715'	1°
2932'	1½°	7220'	1¼°
3430'	1½°	7687'	2¾°
3935'	½°	8126'	



To the best of my knowledge, I swear this information to be true.

Sincerely,

J.D. Griffith
Drilling contract manager

Notary Public

My commission expires: 6/26/02